

RCA UPDATE

October 5, 2020



Those who know me know that I love Bison football. Bison games bring our extended community together to have a brat, a beer, and a brag about this incredibly successful athletic program and, even during away games, my siblings and I watch together and text / cheer for the players we know.

Without exception, I have been impressed with the caliber of the student athletes at NDSU. I have had the privilege of knowing quite a few, whether in the context of research, academics, service, or community engagement. But I have never been more impressed with our student athletes than this weekend when I watched our team support equality. I'm proud to back a team that comes together to shed light on social injustice because, while doing so is not easy and not without risk, it is a critically important and complex problem for our society. I value and respect the leadership that they have shown in taking this position.

As a student-focused, land-grant, research university, we prepare students for what comes next. Our hope as educators and mentors is that they build a collaborative mindset, take in new perspectives, and engage in the diversity of ideas that they will need to solve complex problems.

Hail the Bison!

Jane Schuh

Vice President

Research and Creative Activity

Input Requested: Funding Opportunity Database

The NDSU Office of Research and Creative Activity (RCA) is evaluating institutional subscriptions to a sponsored programs funding database and would appreciate your input as to your interest in having a centralized resource to find funding and host researcher profiles for finding collaborators. This survey will close October 12, 2020.

[Take the survey >>](#)

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.

- [Retirement Research Foundation: Research Grants](#)

Notification Deadline: October 7, 2020

- [NSF: Partnerships for Innovation](#)

Notification Deadline: October 15, 2020

- [NSF: Ethical and Responsible Research](#)

Notification Deadline: November 4, 2020

- [NSF: Scholarships in STEM \(S-STEM\)](#)

Notification Deadline: November 10, 2020

- [NEH: Preservation Assistance Grants](#)

Notification Deadline: November 18, 2020

FUNDING OPPORTUNITIES

- [American Educational Research Association: Research Grant Proposals](#)
- [Dakota Cancer Collaborative on Translational Activity \(DaCCoTA\) Pilot Projects](#)
- [DARPA: Young Faculty Award](#)

- [EREF: Sustainable Solid Waste Management](#)
- [National Oceanic and Atmospheric Administration BAA](#)
- [ND Soybean Council: Agronomy Research Funding](#)
- [NEH: Digital Humanities Advancement Grants](#)
- [NEH: Preservation Assistance Grants](#)
- [NEH: Public Scholars \(Books\), Scholarly Editions and Scholarly Translations](#)
- [NIH: Health Services Research on Minority Health and Health Disparities](#)
- [NIH: Initiative to Maximize Research Education in Genomics - Diversity Action Plan](#)
- [NSF: Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems](#)
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- [RWJF: Policies for Action – Public Policy Research to Advance Racial Equity and Racial Justice](#)
- [Simons Foundation: Collaboration Grants for Mathematicians](#)
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Looking for
Collaborators?
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Equipment?
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Database](#)



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American Educational Research Association: Research Grant Proposals

With support from the National Science Foundation (NSF), the [American Educational Research Association \(AERA\)](#) Grants Program seeks proposals for Research Grants. The program supports highly competitive studies using rigorous quantitative methods to examine large-scale, education-related data. This research and training program is designed to advance knowledge and build research capacity in education and STEM education and learning.

The Grants Program is open to field-initiated research and welcomes proposals that:

- develop or benefit from advanced statistical or innovative quantitative methods or measures;
- analyze more than one large-scale national or international federally funded data set, or more than one statewide longitudinal data system (SLDS) or incorporate other data enhancements;
- integrate, link, or blend multiple large-scale data sources; or

- undertake replication research of major findings or major studies using large-scale, federally supported or enhanced data.

The Grants Program encourages proposals across the life span and contexts of education and learning of relevance to STEM policy and practice. The research may focus on a wide range of topics, including but not limited to such issues as student achievement in STEM, contextual factors in education, educational participation and persistence (pre-kindergarten through graduate school), early childhood education and development, postsecondary education, and the STEM workforce and transitions. Studies that examine issues of specific racial and ethnic groups, social classes, genders, or persons with disabilities are encouraged.

Deadline: December 15, 2020

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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](#)
- [Ready-to-Go Pilot Grants](#)
- [Community Engagement Pilot Grants](#)

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**.

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DARPA: Young Faculty Award

The Defense Advanced Research Projects Agency (DARPA) [Young Faculty Award \(YFA\) program](#) aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DoD) and National Security challenges and needs. In particular, YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DoD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues. DARPA is particularly interested in identifying outstanding researchers who have previously not been performers on DARPA programs, but the program is open to all qualified applicants with innovative research ideas.

DARPA is soliciting innovative research proposals in the areas of interest to DARPA's six technical offices: Biological Technologies Office (BTO), Defense Sciences Office (DSO), Information Innovation Office (I2O), Microsystems Technology Office (MTO), Strategic Technology Office (STO), and Tactical Technology Office (TTO). Topic areas of interest include:

- Musculoskeletal Injury-associated Microbiomes;
- Developing a Molecular Strategy to Control Invasive Plant Species that Impede Logistics;
- Broadband, Efficient Upconversion with 2D Material Platforms;
- Analogical Decision Planning;
- Analysis of Corporate Access, Ownership, and Control;
- Analyzing Differential Privacy Misuse;
- Robot Adaptation as Living Creatures;
- Ultra-Wide Bandgap Material and RF Device Technology;
- Access to Networks with Machine Learning (ANML); and
- Unique Robotics Using Flexible Films with Embedded Actuators.

For a full list of topic areas, see the solicitation.

Executive summary deadline: October 26, 2020; 3:00pm.

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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

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National Oceanic and Atmospheric Administration BAA

The National Oceanic and Atmospheric Administration (NOAA) issues this [Broad Agency Announcement \(BAA\)](#) for extramural research, innovative projects, and sponsorships (e.g., conferences, newsletters, etc.) that address one or more of the following four mission goal descriptions contained in the NOAA Strategic Plan:

1. Climate Adaptation and Mitigation;
2. Weather-Ready Nation;
3. Healthy Oceans;
4. Resilient Coastal Communities and Economies.

This BAA will remain open until September 30, 2023

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ND Soybean Council: Agronomy Research Funding

The North Dakota Soybean Council (NDSC) invites creative funding requests to address agronomy soybean research priorities. While NDSC will undoubtedly continue to fund many of the traditional programs that have supported the NDSC mission, emphasis will be given to proposals which creatively address the priorities as established and presented in the FY2022 Request for Proposals (RFP).

If you have questions about this opportunity, please contact Kendall at 701-566-9300 or knichols@ndsoybean.org.

- Download RFP ([Word Document](#))
- Download Appendix A ([Word Document](#))
- Download Appendix B ([Word Document](#))

Deadline: November 5, 2020; 4:00pm

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NEH: Digital Humanities Advancement Grants

The [Digital Humanities Advancement Grants program](#) (DHAG) supports innovative, experimental, and / or computationally challenging digital projects at different stages of their lifecycles, from early start-up phases through implementation and sustainability. Experimentation, reuse, and extensibility are valued in this program, leading to work that can scale to enhance scholarly research, teaching, and public programming in the humanities. The program also supports scholarship that examines the history, criticism, and philosophy of digital culture or technology and its impact on society. Proposals are welcome in any area of the humanities from organizations of all types and sizes.

Optional draft deadline: December 1, 2020

Application deadline: January 15, 2021

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NEH: Preservation Assistance Grants for Smaller Institutions - 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.

NEH Preservation Assistance Grants : [Notify RCA](#) by 11/18/2020, 5:00 p.m. if you are interested in submitting to this program.

[Preservation Assistance Grants](#) help small and mid-sized institutions — such as libraries, museums, historical societies, archival repositories, cultural

organizations, town and county records offices, and colleges and universities — improve their ability to preserve and care for their significant humanities collections. These may include special collections of books and journals, archives and manuscripts, prints and photographs, moving images, sound recordings, architectural and cartographic records, decorative and fine art objects, textiles, archaeological and ethnographic artifacts, furniture, historical objects, and digital materials. Allowable activities include:

- general preservation assessments;
- consultations with preservation professionals to address a specific preservation issue, need, or problem;
- purchase of storage furniture and preservation supplies;
- purchase of environmental monitoring equipment; and
- education and training.

LIMITED SUBMISSION: Only one application is allowed per applicant. Distinct collecting entities of a larger organization may apply under this announcement, such as the library and museum of a university or two historic sites within a historical society.



NEH: Public Scholars (Books), Scholarly Editions and Scholarly Translations

The National Endowment for the Humanities has open opportunities related to writing and translating books:

[The Public Scholars program](#) supports the creation of well-researched nonfiction books in the humanities written for the broad public. It does so by offering grants to individual authors for research, writing, travel, and other activities leading to publication.

Application Deadline: December 16, 2020.

[The Scholarly Editions and Scholarly Translations program](#) makes awards to organizations to support the preparation of editions and translations of pre-existing texts of value to the humanities that are currently inaccessible or available only in inadequate editions or translations. Projects must be undertaken by at least two scholars working collaboratively. These grants support sustained full-time or part-time activities during the periods of performance of one to three years.

Application Deadline: December 2, 2020.

NIH: Health Services Research on Minority Health and Health Disparities (R01 – Clinical Trial Optional)

The purpose of this Funding Opportunity Announcement [[PAR-20-310](#)] is to encourage innovative health services research that can directly and demonstrably contribute to the improvement of minority health and / or the reduction of health disparities at the health care system-level as well as within clinical settings.

Deadline: November 27, 2020; March 17, 2021

NIH: Initiative to Maximize Research Education in Genomics – Diversity Action Plan (R25)

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this National Human Genome Research Institute (NHGRI) Diversity Action Plan (DAP) R25 program [[PAR-19-380](#)] is to support educational activities that enhance the diversity of the biomedical, behavioral, social and clinical research workforce in genomics. This funding opportunity announcement seeks to expose students at the undergraduate, post-baccalaureate and graduate levels who are from diverse backgrounds, including those from underrepresented groups, to the foundational sciences relevant to genomics to enable them to pursue careers that span all areas of interest to NHGRI - genome sciences, genomic medicine and genomics and society.

To accomplish the stated over-arching goal, this program will support creative educational activities with a primary focus on Research Experiences during either the summer or academic year. The research experiences must be based on the foundational sciences relevant to genomics: genomic sciences (e.g. technology development, data science); genomic medicine (e.g. epidemiology, pharmacogenomics, clinical implementation); and genomics and society (e.g. bioethics, social and behavioral sciences, law, the humanities). A secondary focus is on *Courses for Skills Development*. Complementary didactic activities are encouraged, especially those academic courses that have the potential to increase

opportunities for success at the next career level. The proposed research education programs must include both courses for skills development and research experiences with primary emphasis on research experiences. Proposed courses should be developed in conjunction with and support research experiences to enhance skills development.

Deadline: January 25, 2021

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NSF: Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems

The National Academies of Sciences, Engineering and Medicine (NASEM), in their report "[Environmental Engineering for the 21st Century: Addressing Grand Challenges](#)," identified five critical challenges we must address as a society:

- Sustainably supply food, water, and energy;
- Curb climate change and adapt to its impacts;
- Design a future without pollution and waste;
- Create efficient, healthy, and resilient cities; and
- Foster informed decisions and actions.

This solicitation aims to address these grand challenges by supporting a collaborative research model that seamlessly integrates sustainability, environmental engineering, and process science and engineering.

Accordingly, the Environmental Convergence Opportunities in Chemical, Bioengineering, Environmental, and Transport Systems (ECO-CBET) solicitation [[NSF 20-517](#)] will support activities that confront vexing environmental engineering and sustainability problems by uncovering and incorporating fundamental knowledge to design new processes, materials, and devices from a systems-level perspective. Projects should be compelling and reflect sustained, coordinated efforts from interdisciplinary research teams. A key objective of the solicitation is to encourage conversations and robust collaborations amongst the chemical process, transport phenomena, bioengineering, and environmental and sustainability research communities such that unanticipated solutions may arise. Furthermore, training the future workforce to actively engage and be successful in interdisciplinary research will be necessary to continually innovate given the scope of the environmental problems faced by our global community.

Process science and engineering, in the context of this solicitation, is broadly defined, including all programmatic interests of the National Science Foundation (NSF) Directorate for Engineering's (ENG) Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET).

While this solicitation is not restricted to a specific environmental engineering and sustainability research topic, the 2020 fiscal year solicitation emphasizes research topics related to: 1) greenhouse gas mitigation and 2) managing the nitrogen cycle.

Assuming sufficient funding is provided in the NSF budget, it is anticipated this competition will continue annually. Research topic priorities are subject to change in subsequent years. Awards are expected to range from \$1,500,000 to \$1,700,000 over four years.

Pre-proposal deadline: February 12, 2021

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NSF: Ethical and Responsible Research - 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 ER2 : Notify RCA by 11/04/2020, 5:00 p.m. if you are interested in submitting to this program.

Ethical and Responsible Research (ER2) [[NSF 19-609](#)] funds research projects that identify (1) factors that are effective in the formation of ethical STEM researchers and (2) approaches to developing those factors in all STEM fields that NSF supports. ER2 solicits proposals for research that explores the following: "What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why?" Do certain labs have a "culture of academic integrity?" What practices contribute to the establishment and maintenance of ethical cultures and how can these practices be transferred, extended to, and integrated into other research and learning settings?"

Factors one might consider include: honor codes, professional ethics codes and licensing requirements, an ethic of service and/or service learning, life-long learning requirements, curricula or memberships in organizations (e.g. Engineers without Borders) that stress responsible conduct for research, institutions that serve under-represented groups, institutions where academic and research integrity are cultivated at multiple levels, institutions that cultivate ethics across the curriculum, or programs that promote group work, or do not grade. Successful proposals typically have a comparative dimension, either between or within institutional settings that differ along these or among other factors, and they specify plans for developing interventions that promote the effectiveness of identified factors.

ER2 research projects will use basic research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research, and how to best instill this knowledge into researchers and educators at all career stages. In some cases, projects will include the development of interventions to ensure ethical and responsible research conduct.

LIMITED SUBMISSION: Only one proposal may be submitted by an eligible organization in which a member of their organization serves as the PI. There is no limit on the number of proposals under which an organization may be included as a non-lead collaborator or subawardee.

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NSF: Methodology, Measurement, and Statistics

The Methodology, Measurement, and Statistics (MMS) Program [[NSF 19-575](#)] is an interdisciplinary program in the Directorate for Social, Behavioral, and Economic Sciences that supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social, behavioral, and economic sciences. As part of its larger portfolio, the MMS Program partners with a consortium of federal statistical agencies to support research proposals that further the production and use of official statistics.

Deadline: January 28, 2021

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 in pursuit of the aforementioned goals:

- 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: Scholarships in STEM (S-STEM) - 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 S-STEM : Notify RCA by 11/10/2020, 5:00 p.m. if you are interested in submitting to this program.

A well-educated science, technology, engineering, and mathematics (STEM) workforce is a significant contributor to maintaining the competitiveness of the U.S. in the global economy. The National Science Foundation (NSF) S-STEM program (NSF 20-526) addresses the need for a high quality STEM workforce in STEM disciplines supported by the program and for the increased success of low-income academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in STEM fields.

Recognizing that financial aid alone cannot increase retention and graduation in STEM, the program provides awards to Institutions of Higher Education (IHEs) to fund scholarships and to advance the adaptation, implementation, and study of effective evidence-based curricular and co-curricular activities that support recruitment, retention, transfer (if appropriate), student success, academic/career pathways, and graduation in STEM. The S-STEM program encourages collaborations among different types of participating groups, including but not limited to partnerships among different types of institutions; collaborations of STEM faculty and institutional, educational, and social science researchers; and partnerships among institutions of higher education and business, industry, local community organizations, national labs, or other federal or state government organizations, if appropriate.

The program seeks to 1) increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in S-STEM eligible disciplines and entering the workforce or graduate programs in STEM; 2) improve the education of future scientists, engineers, and technicians, with a focus on low-income academically talented students with demonstrated financial need; and 3) generate knowledge to advance understanding of how interventions or evidence-based curricular and co-curricular activities affect the success, retention, transfer, academic/career pathways, and graduation of low-income students in

STEM.

Scholars must be low-income, academically talented students with unmet financial need who are enrolled in an associate, baccalaureate or graduate degree program, with a major in an S-STEM eligible discipline.

The STEM disciplines supported by the S-STEM program include:

- biological sciences (except medicine and other clinical fields);
- physical sciences (including physics, chemistry, astronomy, and materials science);
- mathematical sciences;
- computer and information sciences;
- geosciences;
- engineering; and
- technology areas associated with the preceding disciplines.

LIMITED SUBMISSION: An Institution may submit one proposal (either as a single institution or as subawardee or a member of a Collaborative Research project) from each constituent school or college that awards degrees in an eligible field.

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NSF: Science of Science – Discovery, Communication, and Impact

The Science of Science: Discovery, Communication, and Impact (SoS:DCI) program [[PD 19-125Y](#)] is designed to increase the public value of scientific activity. The program pursues this goal by supporting basic research in three fundamental areas:

- How to increase the rate of socially beneficial discovery;
- How to improve science communication outcomes; and
- How to expand the societal benefits of scientific activity.

The SoS:DCI program, which builds upon the former Science of Science & Innovation Policy (SciSIP) program, funds research that builds theoretical and empirical understandings of these three areas. With this goal in mind, proposals should:

- Develop data, models, indicators, and associated analytical tools that constitute and enable transformative advances rather than incremental change.
- Identify ethical challenges and mitigate potential risks to people and institutions.
- Provide credible metrics and rigorous assessments of their proposed project's impact.
- Include robust data management plans with the goal to increase the usability, validity, and reliability of scientific materials.

The SoS:DCI program places a high priority on broadening participation. It encourages leadership from junior faculty, women, members of historically underrepresented groups, and proposals from Minority Serving Institutions (MSIs), Research Undergraduate Institutions (RUIs), and EPSCoR states.

Of particular interest are proposals that have the highest potential to strengthen America's global leadership in science and increase national competitiveness across a broad range of domains. These include proposals that analyze strategies for strengthening and diversifying the scientific workforce, as well as ways to more effectively cultivate high-impact discovery across sectors. The program strongly encourages convergent research and collaboration.

[Read the FAQs >>](#)

Deadline: February 9, 2021; September 9, 2021

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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.

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RWJF: Policies for Action – Public Policy Research to Advance Racial Equity and Racial Justice

Achieving racial equity and justice in the United States requires a sustained, multipronged intersectional policy approach that addresses both the immediate social conditions leading to poor health outcomes, but also the long-standing structures fostering such conditions. The goal of the Robert Wood Johnson Foundation (RWJF) [Policies for Action](#) call for proposals is to build the evidence base about how national, state, and local policies can improve racial equity in health and well-being in the United States.

Deadline: November 24, 2020; 2:00pm

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Simons Foundation: Collaboration Grants for Mathematicians

The Simons Foundation's Mathematics and Physical Sciences division invites applications for Collaboration Grants for Mathematicians to stimulate collaboration in the field primarily through the funding of travel and related expenditures. The goal of the program is to substantially increase collaborative contacts between accomplished, active mathematicians in the United States who do not otherwise

have access to funding that could provide support for travel and visitors.

Each collaboration grant provides \$8,400 per year for up to five years: \$6,000 per year for collaboration, travel and research funds for the awardee; \$1,000 per year in discretionary funds for the awardee's department to enhance the research atmosphere of the department; and 20 percent (\$1,400) per year in indirect costs.

Deadline: January 28, 2021

See also: [Simons Foundation Targeted Grants in Mathematics and Physical Sciences](#)

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Spencer Foundation: Large Research Grants on Education

The [Large Research Grants on Education Program](#) supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets ranging from \$125,000 to \$500,000 for projects ranging from one to five years. We anticipate awarding grants with budgets across each of the following funding tiers -- \$125,000 to 250,000; \$250,001 to \$375,000; and \$375,001 to \$500,000. We accept Intent to Apply forms twice a 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. Our 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.

Intent to Apply deadline: January 15, 2021

See also: [Spencer Foundation Small Research Grants on Education](#)

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USDA-NIFA: Agriculture and Food Research Initiative Foundational and Applied Science

The Agriculture and Food Research Initiative (AFRI) Foundational and Applied Science Program supports grants in six AFRI priority areas to advance knowledge in both fundamental and applied sciences important to agriculture. The six priority areas are:

1. Plant Health and Production and Plant Products;
2. Animal Health and Production and Animal Products;
3. Food Safety, Nutrition, and Health;
4. Bioenergy, Natural Resources, and Environment;
5. Agriculture Systems and Technology; and
6. Agriculture Economics and Rural Communities.

Research-only, extension-only, and integrated research, education and / or extension projects are solicited in this Request for Applications (RFA).

See [Foundational and Applied Science RFA](#) for specific details.

Deadlines vary by program area.

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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.

Things to Know if You are Working with International Graduate Students, Colleagues in Other Countries, and Non-US Institutions

Wednesday, October 14, 2020 | 12-1pm

In recent months, federal agencies have increased their efforts to ensure academic institutions effectively manage potential risks of international relationships. This session will include an overview of the federal guidance on undue foreign influence, protocols for managing conflicts of interest, and other best practices for managing international relationships. Learn what you need to know to continue working successfully with international collaborators, institutions, and graduate students.

Presenters: Sharon May and Julie Sherwood, Research and Creative Activity

[Register for this session >>](#)

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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:

- [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

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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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