NDSU OFFICE OF RESEARCH AND CREATIVE ACTIVITY

RCA UPDATE

December 13, 2021

Funding Opportunity Edition

NSF and CAREER Proposal Development Program

The Research and Creative Activity Office has created an ***NSF and CAREER Proposal Development Program*** to assist faculty in writing proposals to NSF.

All sessions will be held during spring semester 2022. There are two tracks:

Track A: First NSF Proposal or Proposal Re-submissions
This series of sessions are primarily for faculty who have not written an NSF proposal or have not had a successful NSF proposal submission. This track would also be useful for faculty applying to the NSF CAREER program in Summer 2023 or 2024.

Track B: NSF CAREER 2022
This series of sessions is for faculty that will be submitting an NSF CAREER proposal in Summe 2022.

Learn more, see the full schedule, and apply to participate >>

NIH AREA Program (R15)

Are you interested in submitting or are you planning to resubmit to the NIH Academic Research Enhancement Award (AREA) Program in 2022?

RCA is looking to develop a workshop to assist faculty in proposal development for this funding opportunity. If you are interested, please complete this form to help us with planning.

Information on the NIH R15 program can be found on the NIH website.
Please note that NDSU is not currently eligible for the NIH REAP program.

Questions? Contact ndsu.researchdev@ndsu.edu.

RCA Small Grants Programs

Applications for the following funding programs are currently open:

Proposal Resubmission Pilot Program
In order to better support NDSU researchers, an RCA Pilot Proposal Resubmission program is being launched to provide proposal consultations to investigators for improving an already highly-rated proposal for resubmission. The program is for reviews received within the past 6 months. This is a pilot project, subject to demand and measured impact of the investments. We encourage individuals with highly rated but unfunded proposals of all sizes and in all disciplines to apply. The awards will be for up to 5 hours of consultation time with an experienced grant writer and proposal support from research development staff.

Research Development Travel and Conference Support Awards
These awards help defray expenses for faculty presenting at national conferences (virtual or on-site) or for supporting travel to visit archives or special collections for research. As this pool of funding is limited, please consider allowing individuals who do not have other sources of travel funding to apply for this opportunity.

Research Support Services Awards
These awards help defray the costs of support services required for research, creative, or scholarly activity. For example, funds may be used in one of the NDSU Core Facilities, another recharge / service center, or for transcription services.

More information and application instructions for these programs are posted on the RCA website.

Programmatic Requests

Each year congressional delegations have the opportunity to submit programmatic funding requests for federal research programs. Programmatic requests are designed to add additional funding to federal agencies' budgets with the intent that a competitive funding opportunity will be released in connection with the funding increase.

NDSU's process for submitting requests for consideration is on the RCA website. The deadline for FY2023 submissions to RCA is January 28, 2022.

If anyone has questions about the process or would like to discuss a potential idea, please contact ndsu.researchdev@ndsu.edu.

FUNDING OPPORTUNITIES

- DARPA: Automating Scientific Knowledge Extraction and Modeling
- DOE: Biosystems Design – Safe Production of Next-Gen Biofuels, Bioproducts, and Biomaterials
- DOE: Building EPSCoR State / National Lab Partnerships – **LIMITED**
- EPA: Reducing Consumer Food Waste
- FFAR / The Organic Center: Organic Agriculture
- NEA: Creative Writing Fellowships in Poetry
- NEH: Humanities Programs for Educators
- NIH: Cancer Health Disparities
- NIH: Modulating Human Microbiome Function to Enhance Immune Responses Against Cancer
- NIH: Pilot Projects Enhancing Utility and Usage of Common Fund Data Sets
- NIH: Supporting Early Career Researchers in Genomics
- NIH: Technology Development to Reduce Health Disparities

- NPS: Preservation Technology and Training Grants
- NSF DCL: Research and Education in the Critical Zone
- NSF EPSCoR: Bridging EPSCoR Communities
- NSF: Addressing Systems Challenges through Engineering Teams
- NSF: Build and Broaden – SBE capacity at MSIs
- NSF: Mid-Career Advancement
- Retirement Research Foundation – **LIMITED**
- USDA-NIFA: Specialty Crop Research Initiative

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. Email notifications of interest to ndsu.researchdev@ndsu.edu by close of business on the notification deadline.

If you identify a limited submission opportunity that is not on the list below, please notify ndsu.researchdev@ndsu.edu.

- DOE: EPSCoR State / National Lab Partnerships
  Notification Deadline: 12/15/2021
- NSF: Scholarships in STEM
  Notification Deadline: 12/15/2021
- FFAR: New Innovator in Food and Agriculture Research Award
  Notification Deadline: 12/21/2021
- HRSA: Enhancing Systems of Care for Children with Medical Complexity: Demonstration Projects / Coordinating Center
  Notification Deadline: 12/21/2021
- NSF: STEM Education Postdoc Research Fellowships
  Notification Deadline: 12/21/2021
- USDA: Equipment Grants
  Notification Deadline: 12/21/2021
- Retirement Research Foundation
  Notification Deadline: 01/12/2022

- NSF EPSCoR RII Track 4: EPSCoR Research Fellows
  Notification Deadline: 01/18/2022
- HRSA: Children and Youth with Special Health Care Needs Research Network
  Notification Deadline: 01/19/2022

There are a number of limited submission grant programs with upcoming agency deadlines for which we did not receive any notifications of interest. A full list of those programs is available on the Limited Submissions page. For these programs, marked "First to Notify," approval to move forward with a full proposal submission to the funder will be given on a first come, first served basis. Email notifications of interest to ndsu.researchdev@ndsu.edu.

- NIH: Centers of Biomedical Research Excellence
  Letter of Intent Deadline: 12/27/2021
- DOE: Computational Chemical Sciences
  Deadline: 1/7/2022
- NSF: Partnerships for Innovation
  Deadline: 1/12/2022
- DOE: Quantum-Enabled Bioimaging and Sensing Approaches for Bioenergy
  Deadline: 1/14/2022
- NSF: AI Research Institutes
  Deadline: 1/14/2022
- NIH: Research Centers in Minority Institutions
  Deadline: 1/26/2022
- NIH: Collaborative Program Grant for Multidisciplinary Teams
  Deadline: 1/27/2022
- NSF: Science and Technology Centers - Integrative Partnerships
  Deadline: 2/1/2022
- HRSA: Leadership Education in Adolescent Health
  Deadline: 2/1/2022
- HRSA: Sudden Unexpected Infant Death Prevention
  Deadline: 2/3/2022
- HRSA: Service Area Competition
  Deadline: 2/7/2022

- NEA: Grants for Arts Programs
  Deadline: 2/10/2022
- NSF: MPS-Ascend External Mentoring
  Deadline: 2/15/2022
- NIH: Outstanding New Environmental Scientist
  Deadline: 2/24/2022
- NSF: Community Facility Support - Synchrotron-based analytical capabilities advancing Earth and Environmental Sciences Research and Training
  Deadline: 3/4/2022
- NIH: Diabetes Research Centers
  Deadline: 3/8/2022
- HRSA: Rural Communities Opioid Response Program-Behavioral Health Care Technical Assistance
  Deadline: 3/9/2022
- NSF: Innovations in Graduate Education
  Deadline: 3/25/2022

Looking for more funding opportunities?

RCA subscribes to SPIN by InfoEd Global, a database of more than 40,000 funding opportunities. Through this subscription, SPIN is free for current NDSU faculty, staff, and students.

For more information and to access this database, visit the SPIN page on the RCA website. If you have questions, please contact ndsu.researchdev@ndsu.edu.

DARPA: Automating Scientific Knowledge Extraction and Modeling

The objective of the Automating Scientific Knowledge Extraction and Modeling (ASKEM) Program [HR001122S0005] is to develop the Artificial Intelligence approaches and tools needed for agile creation, sustainment, and enhancement of the complex models and simulators necessary to support expert knowledge- and data-informed decision making in diverse missions and scientific domains.

This BAA is open through May 30, 2022

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DOE: Biosystems Design to enable Safe Production of Next-Generation Biofuels, Bioproducts, and Biomaterials

As more efficient approaches for genome-wide editing, analysis, and phenotyping become available, and new computational tools and modeling algorithms can handle increasingly large datasets while continuously improving their prediction accuracy, these advances must be brought to the next level. To do so, integrative multidisciplinary applications are solicited [DE-FOA-0002600] for highly innovative, fundamental multi-omics and systems biology research and technology development for biosystems design. Applications should respond to one of the following two research topics:

- Microbial biosystems design for the production of biofuels, bioproducts, and biomaterials.
- Plant biosystems design for bioenergy, bioproducts, and biomaterials.

Pre-application deadline: January 26, 2022

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DOE: Building EPSCoR State / National Laboratory Partnerships – 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.

DOE EPSCoR : Notify RCA by 12/15/2021, 5:00 p.m. if you are interested in submitting to this program. NDSU pre-applications will be due 01/03/2022; see pre-application instructions here.

On December 6, 2021, the U. S. Department of Energy's Established Program to Stimulate Competitive Research (EPSCoR) program announced its interest in receiving applications for building EPSCoR-State / DOE-National Laboratory Partnerships [DE-FOA-0002624]. These partnerships advance understanding of the physical world by supporting fundamental, early-stage energy research collaborations with the DOE National Laboratories. Participation by undergraduate students, graduate students, or postdoctoral fellows is required. Early career faculty from EPSCoR jurisdictions are encouraged to apply. Utilization of DOE user facilities is encouraged.

DOE has identified the following areas of priority interest: Clean Energy and Climate Research, including Energy Storage, Carbon Dioxide Removal, Hydrogen, Solar Energy Conversion, and Low-carbon Manufacturing (including polymer upcycling).

Research grant awards (typically single-investigator projects) are expected to be made for a period of two or three years at a funding level appropriate for the proposed scope.
The funding range per award is expected to be between $150,000-$250,000 per year. Cost sharing is not required.

- Information on the DOE National Laboratories, including links to websites, can be found at https://www.energy.gov/about-national-labs.
- Information on the SC User Facilities can be found at https://science.osti.gov/User-Facilities/User-Facilities-at-a-Glance.
- Information on the DOE Office of Nuclear Energy user facilities can be found at https://nsuf.inl.gov.

LIMITED SUBMISSION: NDSU may submit no more than 3 pre-applications as the lead organization.

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EPA: Research to Reduce Consumer Food Waste in the United States

The U.S. Environmental Protection Agency (EPA), as part of its Science to Achieve Results (STAR) program, is seeking applications [EPA-G2022-STAR-E1] proposing cutting-edge transdisciplinary research (integrating diverse disciplines such as behavioral science, psychology, economics, public health, and sociology) to develop, apply, and test innovative and creative community-engaged approaches / methods to reduce household food waste through prevention (i.e., not redistribution) in the United States in real world settings. Prevention of household food waste means that the amount of food available for consumption in a household that is not ultimately eaten by the household is reduced.

Deadline: February 9, 2022

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FFAR / The Organic Center: Organic Agriculture

The Organic Center announced a new partnership with the Foundation for Food & Agriculture Research (FFAR) to advance organic agriculture through two funding opportunities.

The Organic Training for Agricultural Professionals Prize will award up to $300,000 per year to programs showing the greatest success in training agronomic groups and professionals in organic practices. Funding will be provided for one year, with the potential to extend for a maximum of three years. *Pre-applications open on December 13, 2021 and close on January 28, 2022.* **Programs are required to provide matching funds for this prize.**

The 2022 Organic Center-FFAR joint Organic Research Program will award grants of up to $200,000 per project, for projects ranging between one and three years. Matching funds are not required for this project. Successful projects will focus on organic techniques for improving mitigation and resiliency to climate change, with a priority on systems-based approaches and a commitment to cross-sector partnerships. *Pre-applications open on December 13, 2021 and close on January 28, 2022.*

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NEA: Creative Writing Fellowships in Poetry

The National Endowment for the Arts (NEA) Literature Fellowships program offers $25,000 grants in **prose** (fiction and creative nonfiction) and **poetry** to published creative writers that enable recipients to set aside time for writing, research, travel, and general career advancement. Applications are reviewed through an anonymous process in which the criteria for review are the artistic excellence and artistic merit of the submitted writing sample. Through this program, the NEA seeks to sustain and nurture a diverse range of creative writers at various stages of their careers and to continue to expand the portfolio of American art.

The program operates on a two-year cycle with fellowships in prose and poetry available in alternating years. **For FY 2023, which is covered by these guidelines, fellowships in poetry are available**. Fellowships in prose (fiction and creative nonfiction) will be offered in FY 2024 and guidelines will be available in January 2023. **You may apply only once each year**.

Deadline: March 10, 2022

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NEH: Humanities Programs for Educators

The National Endowment for the Humanities (NEH) Division of Education Programs has several open funding opportunities aimed at providing professional development for educators in the humanities.

Institutes for Higher Education Faculty are professional development programs that convene higher education faculty from across the nation to deepen and enrich their understanding of significant topics in the humanities and enrich their capacity for effective scholarship and teaching.

Institutes for K-12 Educators are professional development programs that convene K-12 educators from across the nation to deepen and enrich their understanding of significant topics in the humanities and enhance their capacity for effective teaching and scholarship.

The Landmarks of American History and Culture Program supports residential, virtual, and combined format projects that situate the study of topics and themes in K-12 humanities within sites, areas, or regions of historic and cultural significance. Projects aim to expand

participants' knowledge of and approaches to teaching about diverse histories, cultures, traditions, languages, and perspectives in the United States and its jurisdictions.

Optional draft deadline: January 19, 2022
Application deadline: February 22, 2022

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NIH: Basic Research in Cancer Health Disparities

These Funding Opportunity Announcements encourage grant applications from investigators interested in conducting basic, mechanistic research into the biological / genetic causes of cancer health disparities, in areas such as (1) mechanistic studies of biological factors associated with cancer health disparities, including those related to basic research in cancer biology or cancer prevention strategies, (2) the development and testing of new methodologies and models, and (3) secondary data analyses. These opportunities are also designed to aid and facilitate the growth of a nationwide cohort of scientists with a high level of basic research expertise in cancer health disparities research who can expand available resources and tools, such as biospecimens, patient derived models, and methods that are necessary to conduct basic research in cancer health disparities.

- R01 [PAR-21-322]
- R21 [PAR-21-323]
- R03 [PAR-21-234]

Standard deadlines apply

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NIH: Modulating Human Microbiome Function to Enhance Immune Responses Against Cancer

The purpose of these funding opportunity announcements is to support basic research that elucidates mechanisms by which the human microbiome inhibits or enhances anti-tumor immune responses, and to identify potential novel molecular targets for cancer prevention strategies.

Applications should be focused on delineating how host interactions with specific

microbes (or consortia) or their metabolites target immune responses that enhance or prevent inflammation-associated or sporadic tumor formation. Concentration, timing, and duration of administered beneficial microbes may alter their effectiveness and thus those parameters should be rigorously addressed in the application.

- R01 Clinical Trial Not Allowed: PAR-22-061
- R21 Clinical Trial Not Allowed: PAR-22-062

Standard deadlines apply. The first deadlines for these programs are in February 2022.

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NIH: Pilot Projects Enhancing Utility and Usage of Common Fund Data Sets (R03 Clinical Trial Not Allowed)

Several valuable and widely available data sets have been generated by multiple Common Fund programs. The purpose of this funding opportunity announcement [RFA-RM-22-007] is to announce the availability of funding to demonstrate and enhance the utility of selected Common Fund data sets, including generating hypotheses and catalyzing discoveries. Award recipients are asked to provide feedback on the utility of the Common Fund data resources.

Deadline: February 18, 2022

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NIH: Supporting Talented Early Career Researchers in Genomics (R01 Clinical Trial Optional)

This Funding Opportunity Announcement [RFA-HG-22-001] is intended to identify and support research projects by exceptionally promising Early Stage Investigators with a long-term career interest in pursuing innovative research in genomics. This opportunity is open to research in all areas relevant to the mission of NHGRI, including genomic sciences, genomic medicine, genomic data science, and ethical, legal, and social implications of genomics.

Deadline: March 4, 2022

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NIH: Technology Development to Reduce Health Disparities (R01 Clinical Trial Optional)

This Funding Opportunity Announcement [RFA-EB-21-001] encourages grant applications to develop and translate medical technologies aimed at reducing disparities in healthcare access and health outcomes. Appropriate medical technologies should be effective, affordable, culturally acceptable, and deliverable to those who need them.

Deadline: February 11, 2022

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NPS: Preservation Technology and Training Grants

The National Park Service (NPS) 2022 Preservation Technology and Training Grants (PTT Grants) are intended to create better tools, better materials, and better approaches to conserving buildings, landscapes, sites, and collections. The PTT Grants are administered by the National Center for Preservation Technology and Training (NCPTT), the NPS innovation center for the preservation community. PTT Grants will support the following activities:

- innovative research that develops new technologies or adapts existing technologies to preserve cultural resources (typically $20,000);
- specialized workshops or symposia that identify and address national preservation needs (typically $15,000 to $20,000);
- how-to videos, mobile applications, podcasts, best practices publications, or webinars that disseminate practical preservation methods or provide better tools for preservation practice (typically $5,000 to $15,000).

The maximum grant award is $20,000. The actual grant award amount is dependent on the scope of the proposed activity.

Deadline: February 7, 2022

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NSF DCL: Opportunities for Research and Education in the Critical-Zone

With this Dear Colleague Letter (DCL), the National Science Foundation (NSF) Division of Earth Sciences (EAR) within the Directorate for Geosciences (GEO) together with the Division of Human Resources Development (HRD) in the Directorate for Education and Human Resources (EHR) announce an intent to expand the breadth of researchers investigating the dynamics and processes within Earth's Critical Zone (CZ), the region that ranges from the weathered bedrock beneath the soil profile up to the top of the vegetation canopy.

This DCL is intended to make significant progress in advancing the following goals:

1. Encourage submission of proposals from minority-serving institutions (MSI), primarily undergraduate institutions (PUI), non-R1 institutions, early-career researchers or others who are not currently part of the Critical-Zone Collaborative Network (CZNet; NSF 19-586).
2. Develop education or outreach programs that are oriented towards increasing the involvement of faculty and students from underserved communities.
3. Enhance partnerships and collaboration with the current CZNet Thematic Clusters or leverage existing infrastructure of CZNet. Information about the current Critical-Zone awards can be found at the NSF Critical Zone Collaborative Network web site and at criticalzone.org.

Proposals submitted in response to this DCL should be prepared in accordance with the *NSF Proposal and Award Policies and Procedures Guide* (NSF 22-1) and submitted to an NSF disciplinary program in EAR. Interested proposers should contact an NSF Program Officer to identify the program(s) most germane to the proposed topics. Proposal titles should begin with "ORE-CZ:" followed by an appropriate descriptor; proposal budgets are limited to $200,000.

EAR disciplinary programs have no deadlines and proposals may be submitted at any time, but proposals for this special opportunity must be submitted no later than ***April 30, 2022****.*

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NSF EPSCoR: Research Infrastructure Improvement Program: Bridging EPSCoR Communities (RII-BEC)

In response to the American Rescue Plan Act of 2021 (H.R. 1319, sec. 7502), the National Science Foundation (NSF) established the EPSCoR Research Infrastructure Improvement Program: Bridging EPSCoR Communities (RII-BEC) initiative [NSF 22-536]. The RII-BEC

initiative seeks to enable institutions in EPSCoR jurisdictions to set up bridge programs to facilitate the transitions of Affected Groups (e.g., women, underrepresented groups, research trainees, and graduate fellows) from one stage of science, technology, engineering, and mathematics (STEM) training to the next, with particular focus on providing support for individuals from groups underrepresented in STEM and those transitioning from or to minority-serving institutions (MSIs) within EPSCoR jurisdictions.

The RII-BEC initiative will accept proposals that support those individuals most strongly affected by the pandemic at vulnerable career transition points (e.g., first two years of college, or preparation for entry into graduate programs and/or the STEM workforce) within EPSCoR jurisdictions. The RII-BEC initiative will provide up to $1,000,000 total per award for up to 5 years to support the strategic goal of reducing student attrition at these key junctures to improve future R&D competitiveness of EPSCoR jurisdictions. Proposals may include partnerships within and/or across two-year and four-year institutions (including community colleges). A key feature of projects will be a program strategy and plan for recruitment, mentoring, retention, and graduation of students (U.S. citizens, nationals, and permanent residents) in NSF-supported STEM fields, with specific efforts aimed at underrepresented groups in STEM.

Deadline: April 4, 2022

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NSF: Addressing Systems Challenges through Engineering Teams

The Addressing Systems Challenges through Engineering Teams (ASCENT) program [NSF 22-534] encourages robust collaborations among the devices, circuits, algorithms, systems, and networks research communities to develop innovative projects. ASCENT seeks proposals that are bold and ground-breaking transcending the perspectives and approaches typical of disciplinary research efforts. ASCENT projects are expected to lead to disruptive technologies or nucleate entirely new research fields motivated by the most pressing societal challenges the global community faces.

In response to the national priority that calls for sustained scientific leadership and continued growth in semiconductor technology, **this ASCENT solicitation will focus on two specific research themes: Future Semiconductor Technology (FST) and Sustainable Micro- and Nano-Electronics (SMN).** Creation of new knowledge and disruptive innovations in microelectronics and their enabling semiconductor technology are critical

challenges facing the engineering community. Targeting their bottleneck issues by ASCENT teams will help unlock their boundless potential and capture their incalculable benefits bestowed to 21st century society and beyond. The ASCENT will support innovative projects that address those themes through a deep-integrated or a convergent research approach driven by fundamental knowledge and cross-disciplinary expertise central to ECCS core programs, while potentially leveraging advanced materials, power electronics, novel computing architectures and emerging design, learning, and fabrication technologies.

Pre-proposal deadline: March 2, 2022

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NSF: Build and Broaden 3.0 – Enhancing Social, Behavioral and Economic Science Research and Capacity at Minority-Serving Institutions

Build and Broaden 3.0 (B2 3.0) supports fundamental research at minority-serving institutions (MSIs) and encourages research collaborations with scholars at MSIs. The National Science Foundation (NSF) Social, Behavioral and Economic (SBE) Sciences Directorate offers Build and Broaden 3.0 in order to increase proposal submissions, advance research collaborations and networks involving MSI scholars, and support research activities in the SBE sciences at MSIs. The Build and Broaden 3.0 solicitation [NSF 22-530] is designed specifically for impact at MSIs. Proposals that outline research projects in the SBE sciences that increase students' pursuit of graduate training, enhance PI productivity, or cultivate partnerships with researchers at other institutions are especially encouraged to apply.

Proposals are invited from single Principal Investigators based at MSIs and from multiple co-investigators from a group of MSIs. **Principal Investigators who are not affiliated with MSIs may submit proposals, but must collaborate with PIs, co-PIs, or Senior Personnel from MSIs and describe how their project will foster research partnerships or capacity-building with at least one MSI as a primary goal of the proposed work.**

Proposals may address any of the scientific areas supported by SBE. These areas include anthropology, archaeology, cognitive neuroscience, decision science, ecological research, economics, geography, linguistics, law and science, organizational behavior, political

science, public policy, security and preparedness, psychology, and sociology. For a full list of research areas supported by SBE please visit the SBE programs page.

Deadline: March 1, 2022

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NSF: Mid-Career Advancement

The Mid-Career Advancement program [NSF 21-516] offers an opportunity for scientists and engineers at the Associate Professor rank (or equivalent) to substantively enhance and advance their research program through synergistic and mutually beneficial partnerships, typically at an institution other than their home institution. Projects that envision new insights on existing problems or identify new but related problems previously inaccessible without new methodology or expertise from other fields are encouraged.

Partners from outside the PI's own subdiscipline or discipline are encouraged, but not required, to enhance interdisciplinary networking and convergence across science and engineering fields.

Deadline: February 7, 2022

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Retirement Research Foundation – 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 01/12/2021, 5:00 p.m. if you are interested in submitting to this program for the March LOI deadline.**

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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USDA-NIFA: Specialty Crop Research Initiative

The purpose of the Specialty Crop Research Initiative (SCRI) program is to address the critical needs of the specialty crop industry by awarding grants to support research and extension that address key challenges of national, regional, and multi-state importance in sustaining all components of food and agriculture, including conventional and organic food production systems. Projects must address at least one of five focus areas:

1. Research in plant breeding, genetics, genomics, and other methods to improve crop characteristics.
2. Efforts to identify and address threats from pests and diseases, including threats to specialty crop pollinators.
3. Efforts to improve production efficiency, handling and processing, productivity, and profitability over the long term (including specialty crop policy and marketing).
4. New innovations and technology, including improved mechanization and technologies that delay or inhibit ripening.
5. Methods to prevent, detect, monitor, control, and respond to potential food safety hazards in the production efficiency, handling and processing of specialty crops.

Deadline: January 21, 2022

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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.

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.

We collectively acknowledge that we gather at NDSU, a land grant institution, on the traditional lands of the Oceti Sakowin (Dakota, Lakota, Nakoda) and Anishinaabe Peoples in addition to many diverse Indigenous Peoples still connected to these lands. We honor with gratitude Mother Earth and the Indigenous Peoples who have walked with her throughout generations. We will continue to learn how to live in unity with Mother Earth and build strong, mutually beneficial, trusting relationships with Indigenous Peoples of our region.