Funding Opportunity Edition

Lunch and Learn with a Program Officer

April 22, 2022 | 12-1pm

Mark. S. Hurwitz, Ph.D., will be our guest on April 22 from noon to 1:00pm CT and will be answering your questions about submitting to the NSF. You’re welcome to join our discussion for the entire hour or for long as you can.

Mark is professor of political science at Western Michigan University (WMU). He currently acts as the director of special initiatives in the WMU Office of Research and Innovation and he previously served as a program officer at the National Science Foundation where his portfolio extended across the agency.

Join the Zoom session on Friday at Noon: [Zoom Link](https://zoom.us)

Learn more about this and other events on the [RCA Website](https://www.rca.org).

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**Write Winning Grant Proposals Virtual Workshop**

*June 1-2, 2022 | 8:30am-12pm both days*

Grant Writers Seminars and Workshops ([GWSW](https://gws.org)), will present a virtual seminar titled "Write Winning Grant Proposals." This workshop, presented over two half-days by John Robertson, PhD, comprehensively addresses the practical, conceptual, and rhetorical aspects of writing competitive grant proposals, including:

- critical steps for organizing and planning your proposal,
- understanding the role (and mindset) of your reviewers,
- strategy for writing a compelling specific aims (NIH), overview and objectives (NSF), or equivalent section, and
- specific strategies and tips for each major section of a grant proposal.

[Register to participate >>](https://gws.org)

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**Congratulations to all award recipients from February!**

View the complete list online: [PDF](#) | [Excel](#)

The awards listed are externally funded projects. Each month one of the RCA Updates will include prior month awards.

[See Award Reports from previous months >>](#)

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**FUNDING OPPORTUNITIES**

- [AHRQ: Prevention of Health-care Associated Infections](#)
- [BWF: Climate Change and Human Health Seed Grants](#)
• **Clorox: Alternative Anti-microbial Actives**
• **Department of Energy Opportunities - LIMITED**
• **DOI: Energizing Insular Communities**
• **DOI-BLM: Montana Dakotas Cultural and Paleontological Resources Management**
• **High Plains Intermountain Center for Agricultural Health and Safety: Pilot Grants**
• **HUD: Research Partnerships**
• **NEH: Digital Humanities Advancement Grants**
• **NIH: Instrumentation Grants**
• **NIH: Mental Health**
• **NIH: Research Infrastructure Development for Interdisciplinary Aging Studies**
• **NSF: Convergence Accelerator**
• **NSF: Dynamics, Control, and Systems Diagnostics**
• **NSF: Gen-4 Engineering Research Centers**
• **NSF: Innovative Technology Experiences for Students and Teachers**
• **Otto Bremer: Social Return**
• **USDA: Education and Workforce Development**
• **USDA: Foundational and Applied Science**

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**Upcoming Limited Submission Program Deadlines**

**Limited submission grant programs** are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program. 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: Management and Storage of Scientific Data**  
  *First to Notify*
• **DOE: Data Visualization for Scientific Discovery, Decision-Making, and Communication**  
  *First to Notify*
• **DOE EXPRESS: 2022 Exploratory Research for Extreme Scale Science**  
  *First to Notify*
• **DOE: Randomized Algorithms for Combinatorial Scientific Computing**  
  *First to Notify*

• **Breast Cancer Alliance: Young Investigator Grants**  
  *Notification Deadline: 04/20/2022*

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.

• **Prevent Cancer Foundation**  
  *Deadline: 04/25/2022*

• **NIH: Collaborative Program Grant for Multidisciplinary Teams**  
  *Deadline: 04/27/2022*

• **USDA-NIFA: Rural Health and Safety Education**  
  *Deadline: 04/29/2022*

• **SAMHSA: Grants to Expand Substance Abuse Treatment Capacity in Adult and Family Treatment Drug Courts**  
  *Deadline: 05/09/2022*

• **NSF: Research Visioning for CISE - Future Research Directions**  
  *Deadline: 05/10/2022*

• **NSF: Training-based Workforce Development for Advanced Cyberinfrastructure**  
  *Deadline: 05/16/2022*

• **VentureWell: Course & Program Grants**  
  *Deadline: 05/18/2022*

• **NIH: Research Experience in Genomic Research for Data Scientists**  
  *Deadline: 05/25/2022*

• **NIH: Undergraduate Research Training Initiative for Student Enhancement**  
  *Deadline: 05/26/2022*

• **NIH: Team-based Design in Biomedical Engineering Education**  
  *Deadline: 05/30/2022*
• USDA-NIFA: American Rescue Plan Technical Assistance Investment Program
  Deadline: 06/01/2022
• NIH: Asthma and Allergic Diseases Cooperative Research Centers
  Deadline: 06/03/2022
• USDA-NIFA: Outreach and Assistance for Socially Disadvantaged Farmers and Ranchers and Veteran Farmers and Ranchers
  Deadline: 06/08/2022
• NIH: Genome Research Experiences to Attract Talented Undergraduates into Genomic Fields to Enhance Diversity
  Deadline: 07/01/2022
• WTGrant Scholars: Improving the Lives of Youth in the U.S.
  Deadline: 07/06/2022
• NIH: Faculty Institutional Recruitment for Sustainable Transformation Cohort
  Notification Deadline: 07/12/2022
• NIH: Science Education Partnership Award
  Notification Deadline: 07/13/2022
• NSF: Research Traineeship (one slot available)
  Deadline: 09/06/2022

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.
AHRQ: Large Research Projects for Prevention of Health-care Associated Infections (R01)

The Bio-inspired Restoration of Aged Concrete Edifices (BRACE) Program [HR001122S0029] aims to prolong the serviceability of DoD structures and airfield pavements by integrating a self-healing capability into existing concrete. The DoD relies on steel-reinforced concrete structures such as missile silos and naval piers that are many decades old, not easily replaced, and subject to cracking and corrosive deterioration. The DoD also relies on concrete airfield pavements in expeditionary settings, which are subject to damage from overuse or attack and require rapid repair under logistically challenged circumstances. Unfortunately, state-of-the-art approaches to maintain concrete are one-time interventions, limited to remediation of defects at or near the surface, and typically necessitate down-time for critical assets. No current technology provides persistent crack repair and prevention for defects deep inside existing aged concrete or prolonged repair of damaged airfield pavements. Inspired by vascular systems that support continuous repair in multicellular organisms and ecosystems, the BRACE Program will develop bio-inspired approaches that 1) penetrate deep into aged concrete to form a healing “vasculature” for persistent damage repair, and 2) combine with new concrete to increase the durability of runway patch repairs. To achieve these goals, BRACE performers will engineer and operationalize vascularizing agents for both long-term (e.g., steel-reinforced marine or buried infrastructure) and rapid (e.g., expeditionary airfield) use cases.

Abstract Deadline: April 29, 2022, 3pm

Burroughs Wellcome Fund: Climate Change and Human Health Seed Grants

The Burroughs Wellcome Fund (BWF) aims to stimulate the growth of new connections between scholars working in largely disconnected fields who together might change the course of climate change’s impact on human health.

To that end, BWF will award small, early-stage grants between $2,500 and $50,000 to promote growth of new connections between scholars, practitioners, educators, and/or communicators working to understand, spread the word about, and mitigate the impacts of climate change on human health. Topics of interest include linking basic/early biomedical science to climate-focused thinking; sustainability in healthcare systems,
healthcare delivery outside institutions, and biomedical research; health impacts and health systems impacts of extreme weather events and other crises; and outreach, communication, and education around climate and human health.

The Fund is particularly but not exclusively interested in activities that build connections between basic / early biomedical scientific approaches and ecological, environmental, geological, geographic, and planetary-scale thinking, and population-focused fields including epidemiology and public health demography, economics, and urban planning. Also of interest is work to launch new approaches or interactions toward reducing the impact of health-centered activities, for example, developing more sustainable systems for health care, care delivery, and biomedical research systems. Another area of interest is preparing for the impacts of extreme weather and other crises that can drive large scale disruptions that will immediately impact human health and delivery of health care. Public outreach, climate communication, and education efforts focused on the intersection of climate and health are also appropriate for this call.

Proposals will be accepted on a rolling basis with quarterly review through August 30, 2023.

Clorox: Alternative (non-quaternary ammonium) anti-microbial actives for cleaning and disinfection

Clorox is seeking new anti-microbial active ingredients with exemplary human safety and environmental sustainability profiles for use in a broad range of consumer disinfecting cleaning products. Technologies will be assessed against quaternary ammonium compounds as an industry benchmark for anti-microbial efficacy, formulation flexibility, sustainability, and regulatory requirements. The solution can come from anywhere, so we invite submissions that may not yet be demonstrated in the cleaning industry specifically.

Deadline: May 31, 2022
Department of Energy Opportunities - Limited Submission Programs

The Department of Energy has released a number of limited submission grant programs with very short timelines.

**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 Opportunities:** Notify RCA if you are interested in submitting to one of these programs. Approval to submit will be given to the first PIs to notify, until all available proposal slots are filled.

**DOE: Management and Storage of Scientific Data** [DE-FOA-0002725]
- Basic research in computer science exploring innovative approaches to the management and storage of scientific data.
- Pre-application deadline: May 5, 2022; 4pm
- Institutional Limit: 2 pre-applications as lead institution.

**DOE: Data Visualization for Scientific Discovery, Decision-Making, and Communication** [DE-FOA-0002726]
- Basic research in computer science exploring innovative approaches in data visualization to support scientific discovery, decision-making, and communication.
- Pre-applications are due to DOE May 10, 2022
- Institutional limit: 2 pre-applications as lead institution.

**DOE EXPRESS: 2022 Exploratory Research for Extreme Scale Science** [DE-FOA-0002717]
- Basic research to explore potentially high-impact approaches in scientific computing and extreme-scale science.
- Pre-applications are due to DOE May 12, 2022; 4pm.
- Institutional limit: 6 pre-applications as lead institution.
DOE: Randomized Algorithms for Combinatorial Scientific Computing [DE-FOA-0002722]

- Basic research in the design, development, analysis, and scalability of randomized algorithms for the challenging discrete and combinatorial problems that arise in the Department’s energy, environmental, and national security mission areas.
- Pre-applications are due to DOE May 19, 2022; 4pm.
- Institutional limit: 2 pre-applications as lead institution.

DOI: Energizing Insular Communities

The Department of the Interior (DOI) Office of Insular Affairs (OIA) is requesting proposals for its Energizing Insular Communities (EIC) Program [OIAOA-EIC2200637] which provides grant funding for sustainable energy strategies that mitigate climate change, reduce reliance and expenditures on imported fuels, develop and utilize domestic energy sources, and improve the performance of energy infrastructure and overall energy efficiency in the territories.

Deadline: June 15, 2022

DOI-BLM: Montana Dakotas Cultural and Paleontological Resources Management

Broadly, the objective of this program [L22AS00292] is to develop partnerships to improve access to, and use of, heritage resources, and promote their educational, scientific, cultural, and recreational values in a manner that meets U.S. Department of the Interior priorities and Cultural Heritage and Paleontology Program goals. Individual projects shall meet one or more objectives:

- conduct studies, including inventory, excavation, records research, and collections-based research to improve the understanding of America’s natural and cultural history;
- monitor at-risk heritage resources to track trends in condition and project effectiveness;
- Stabilize at-risk heritage resources;
- train future cultural resource management practitioners and paleontologists through research projects, field schools and internships that capitalize on BLM resources;
- assist with cultural heritage data and records management activities such as organizing, maintaining, and scanning site and survey records; creating, digitizing and maintaining geospatial data; and performing data entry;
- preserve existing collections at recognized curation facilities through such activities as archival housing, stabilization or conservation;
- promote engagement with Native American communities and foster partnerships with tribal governments and programs;
- promote public engagement, learning opportunities, and conservation / preservation ethics through heritage resources education and outreach programs, events, and products; and / or
- develop and maintain historic sites with interpretive and educational potential.

Deadline: June 13, 2022

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**High Plains Intermountain Center for Agricultural Health and Safety: Pilot Grants**

High Plains Intermountain Center for Agricultural Health and Safety (HICAHS) Pilot/Feasibility Grants Program funds innovative research projects that promote worker health and safety in the agriculture, forestry, or fishing industries. The [Request for Applications (RFA)](https://example.com) is targeted to students, post-docs, junior investigators or investigators new to occupational safety and health in agriculture.

Priority consideration is given to projects that directly impact the HICAHS region: Colorado, Montana, [North Dakota](https://example.com), South Dakota, Utah and Wyoming. Grants have a maximum award amount of $25,000 (including up to 8% indirect costs) with a project period of ~11 months.

Deadline: June 1, 2022
**HUD: Research Partnerships**

**Housing and Urban Development: Unsolicited Proposals for Research Partnerships**

The Department of Housing and Urban Development (HUD) is accepting research proposals that address current research priorities [FR-6500-N-USP]. HUD is interested in research that will help the Department support underserved communities and advance equity. Examples of topics for research include:

- promoting self-sufficiency and economic opportunity;
- enhancing rental assistance;
- reducing homelessness;
- supporting sustainable homeownership and financial viability;
- controlling lead hazards and other hazards in homes;
- providing effective and equitable disaster recovery;
- opportunity zones;
- reducing barriers to affordable housing;
- Fair Housing Act;
- equity and impact of the Rental Assistance Demonstration;
- accessibility in the HCV program; and
- climate resilience, environmental justice, and energy efficiency across the housing sector.

This program requires matching funds.

*Proposals may be submitted at any time and will be evaluated as they are received. Available funds will be awarded as proposals are received, evaluated, and approved, until funds are exhausted. This opportunity expires June 30, 2022.*

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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, leading to work that can scale to enhance scholarly research, teaching, and public programming in the humanities. The program also supports research that examines the history, criticism, ethics, and philosophy of digital culture or technology and its impact on society.
DHAG applicants must respond to one or more of these programmatic priorities:

- research and refinement of innovative, experimental, or computationally challenging methods and techniques
- enhancement or design of digital infrastructure, such as open-source code, tools, or platforms, that contribute to and support the humanities
- research that examines the history, criticism, ethics, or philosophy of digital culture or technology and its impact on society, including racial, religious, and/or gender biases
- evaluative studies that investigate the practices and the impact of digital scholarship on research, pedagogy, scholarly communication, and public engagement

DHAG is one of many grant programs at the NEH that funds digital humanities projects. Please consult these resources to help find the right program to support your work.

Optional draft deadline: April 25, 2022
Application deadline: June 24, 2022

NIH: Instrumentation Grants

The National Institutes of Health (NIH) published two funding opportunity announcements for instrumentation grants.

High-End Instrumentation [PAR-22-079]
The High-End Instrumentation (HEI) Grant Program encourages applications from groups of NIH-supported investigators to purchase or upgrade a single item of high-end, specialized, commercially available instruments or integrated systems. The minimum award is $600,001. There is no maximum price limit for the instrument; however, the maximum award is $2,000,000. Instruments supported include, but are not limited to, X-ray diffractometers, high throughput robotic screening systems, mass spectrometers, nuclear magnetic resonance spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, flow cytometers, and biomedical imagers.

Shared Instrumentation Grant [PAR-22-080]
The Shared Instrument Grant (SIG) Program encourages applications from groups of NIH-
supported investigators to purchase or upgrade a single item of high-priced, specialized, commercially available instruments or integrated instrumentation system. The minimum award is $50,000. There is no maximum price limit for the instrument; however, the maximum award is $600,000. Instruments supported include, but are not limited to: X-ray diffractometers, mass spectrometers, nuclear magnetic resonance spectrometers, DNA and protein sequencers, biosensors, electron and light microscopes, flow cytometers, and biomedical imagers.

*Note: NDSU is not eligible for the Basic Instrumentation Grant program [PAR-22-081]*

*Deadline: June 1, 2022*

**NIH: Mental Health**

The National Institutes of Mental Health (NIMH) opportunities with approaching deadlines:

**Implementing and Sustaining Evidence-Based Mental Health Practices in Low-Resource Settings to Achieve Equity**
- R01 Clinical Trial Optional: [PAR-21-284](#)
- R34 Clinical Trials Required: [PAR-21-283](#)

**Innovative Mental Health Services Research Not Involving Clinical Trials**
- R01 Clinical Trials Not Allowed: [PAR-21-316](#)
- R34: Clinical Trials Not Allowed: [PAR-22-082](#)

*Standard deadlines apply; upcoming deadlines in June and October.*

**NIH: Research Infrastructure Development for Interdisciplinary Aging Studies (R21 / R33 – Clinical Trial Optional)**

This Funding Opportunity Announcement (FOA) [PAR-20-070](#) invites applications that propose to develop novel research infrastructure that will advance the science of aging in specific areas requiring interdisciplinary partnerships or collaborations. This FOA will use the NIH Phased Innovation Award (R21 / R33) mechanism to provide up to 2 years of R21
support for initial developmental activities and up to 3 years of R33 support for expanded activities. Through this award, investigators will develop a sustainable research infrastructure to support projects that address key interdisciplinary aging research questions.

*Standard deadlines apply; upcoming deadlines: June 16 and October 17.*

**NSF: Convergence Accelerator**

The National Science Foundation (NSF) Convergence Accelerator program addresses national-scale societal challenges through use-inspired [convergence research](#). Using a convergence approach and innovation processes like human-centered design, user discovery, and team science and integration of multidisciplinary research, the Convergence Accelerator program seeks to transition basic research and discovery into practice—to solve high-impact societal challenges aligned with specific research themes (tracks).

This solicitation for FY 2022 [NSF 22-583](#) invites proposals for the following Track Topics:

**Track H: Enhancing Opportunities for Persons with Disabilities**

The NSF Convergence Accelerator's Track H: Enhancing Opportunities for Persons with Disabilities (PWDs) will serve as a platform to bring together researchers, practitioners, and stakeholders from a wide range of disciplines and sectors to work on use-inspired solutions to enhance quality of life and employment access and opportunities for PWDs.

**Track I: Sustainable Materials for Global Challenges**

The objective of the NSF Convergence Accelerator's Track I: Sustainable Materials for Global Challenges will be to converge advances in fundamental materials science with materials design and manufacturing methods in an effort to couple their end-use and full life-cycle considerations for environmentally- and economically-sustainable materials and products.

**Track J: Food & Nutrition Security**

The overarching goal of the NSF Convergence Accelerator's Track J: Food & Nutrition Security will be to accelerate convergence across food and nutrition sectors to address intertwined challenges in supporting population health, combating climate change, and
addressing the nutritional needs of the most vulnerable by empowering youth, women, and disadvantaged communities.

Letter of Intent deadline: May 31, 2022

NSF: Dynamics, Control, and Systems Diagnostics

The Dynamics, Control and Systems Diagnostics (DCSD) program [PD 19-7569] promotes the fundamental science and engineering of dynamic systems to advance solutions to urgent societal problems. Such problems include mitigating the impacts of climate change; responding to epidemics, cyber-attacks, extreme weather, and other natural and man-made events; promoting efficient and equitable production and distribution of resources; developing resilient infrastructure; improving the experience of work and learning; and meeting the challenges of aging and illness.

Recognizing that dynamic systems lie at the heart of current and emerging imperatives, the DCSD program invites proposals that match innovative research in dynamic systems with compelling applications. DCSD also welcomes research that demonstrates how these applications inform our understanding of dynamic systems, and how foundational knowledge must be further advanced to broaden the usefulness of dynamic systems approaches to new areas of application.

DCSD proposals should articulate clear Intellectual Merit through the advancement of knowledge in one of the following foundational areas:

- Modeling: mathematical frameworks for studying the behavior of dynamic systems.
- Analysis: theoretical and computational tools for discovery and exploration of structure in dynamic behavior.
- Diagnostics: data-based methods to infer properties of dynamic systems from observations.
- Control: methods to produce desired or mitigate undesired behaviors in dynamic systems.
- Integration: architectures that expand the reach of dynamic systems and overcome application-specific challenges.

Proposals should also clearly describe the intended Broader Impacts of the envisioned
work, beyond the scientific merits of the proposal.

To ensure that a project is appropriate for the DCSD program prior to the submission of a full proposal, PIs are strongly encouraged to send a one-page draft Project Summary to dcsd@nsf.gov following the format for proposal submission described in the NSF Proposals & Award Policies & Procedures Guide.

*Full proposals accepted anytime.*

**NSF: Gen-4 Engineering Research Centers**

The Engineering Research Center (ERC) program [NSF 22-580] supports convergent research (CR) that will lead to strong societal impact. Each ERC has interacting foundational components that go beyond the research project, including engineering workforce development (EWD) at all participant stages, diversity and a culture of inclusion (DCI) where all participants gain mutual benefit, and value creation within an innovation ecosystem (IE) that will outlast the lifetime of the ERC. The logical reasoning that links the proposed activities to the identified goals for each ERC should be clear.

**NSF: Innovative Technology Experiences for Students and Teachers (ITEST)**

ITEST [NSF 22-585] is an applied research and development program with goals to advance the equitable and inclusive integration of technology in the learning and teaching of science, technology, engineering, or mathematics (STEM) from pre-kindergarten through high school. The program’s objective is to support all students’ acquisition of the foundational preparation in STEM disciplines. Preparation for the current and future workforce is increasingly dependent upon the application and use of technology and computing.

Proposed ITEST projects are expected to

1. engage students in technology-rich learning to develop disciplinary and / or transdisciplinary STEM content knowledge, including skills in data literacy and evidence-based decision-making and reasoning;
2. prioritize the full inclusion of groups who have been underrepresented and / or underserved;
3. motivate students to pursue appropriate education pathways to technology-rich careers; and
4. leverage strategic and community partnerships to expand education pathways in communities through public and private partnerships and collaborations.

ITEST supports three types of projects:
1. Exploring Theory and Design Principles (ETD);
2. Developing and Testing Innovations (DTI); and

ITEST also supports Synthesis and Conference / Workshop proposals.

All ITEST proposals must address how the proposed research and development project meets the ITEST program Pillars:
1. Innovative Use of Technologies in Learning and Teaching,
2. Partnerships for Career and Workforce Preparation, and
3. Strategies for Equity in STEM Education

All proposals must also include high-quality research design, a section describing how the project meets the Solicitation-Specific Review Criteria and plans for project evaluation and dissemination of findings.

*Deadline: August 12, 2022*

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**Otto Bremer Trust: Social Return**

The Otto Bremer Trust invests in projects that benefit communities in Minnesota, Montana, North Dakota, and Wisconsin. The Trust does not have specific strategic grant-making priorities, but does provide [broad categories](#) to explain the types of programs and services in which they invest. These include:

- Community Asset Building: This category covers a range of investments, including small business development, diversity initiatives, community planning, long-term housing programs, transportation, literacy, and adult education, all which are focused on building strong community assets.
• Health and Wellbeing: Examples include early education and parenting programs, community recreation, physical and mental health services, youth support and enrichment, post-secondary education and job skills.

*Upcoming grant deadlines: June 16, August 11*

**USDA: Education and Workforce Development**

The Agriculture and Food Research Initiative (AFRI) - Education and Workforce Development (EWD) program focuses on developing the next generation of research, education, and extension professionals in the food and agricultural sciences. In 2022, the National Institute of Food and Agriculture (NIFA) requests applications for the AFRI’s Education and Workforce Development program areas to support:

1. professional development opportunities for K-14 educational professionals;
2. non-formal education that cultivates food and agricultural interest in youth;
3. workforce training at community, junior, and technical colleges;
4. training of undergraduate students in research and extension;
5. fellowships for predoctoral candidates and postdoctoral scholars; and
6. special workforce development topics.

*Deadlines vary by program area.*

**USDA: 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:

1. Plant Health and Production and Plant 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.

*Deadlines vary by program area.*
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.