

RCA UPDATE

December 11, 2023

Federal support through USDA launching new Food, Energy, and Water Initiative and proposed policy center

As the ranking member of the Senate Agriculture Appropriations Committee, U.S. Senator John Hoeven has been instrumental in securing over \$50 million in agricultural research funding for North Dakota and he recently announced new financial support for NDSU-led initiatives in the Senate's FY 2024 Agriculture Appropriations bill, which received approval from the full Senate in early November.



This support included \$2 million designated for a new NDSU Agriculture Policy Research Center, part of a newly launched Transdisciplinary Food, Energy and Water Research Initiative at NDSU, jointly developed and led by NDSU Agricultural Affairs and the NDSU Office of Research and Creative Activity.

In partnership with former U.S. House Agriculture Committee Chairman Collin Peterson, Senator Hoeven emphasized how the Center would help highlight North Dakota's agricultural expertise at a national level and could leverage NDSU's strengths in agriculture, social, behavioral, and economic sciences to develop resilient solutions to our region's needs in both farm Policy and Risk Management. Its goals would include addressing farm and agribusiness challenges through in-depth policy and economic analysis and bring North Dakota expertise to policymakers in Washington, D.C.

"No one does agriculture better than North Dakota's farmers and ranchers, and agriculture research plays a key role in our state's competitive edge," said Senator Hoven. "The ag policy research center that we're working to bring to NDSU builds upon this strong foundation and would help ensure the policies being advanced in

Washington, D.C. meet the needs of our farmers and ranchers in the Upper Midwest.”

With his years of experience in both agriculture and politics, Peterson also sees great potential for the Center and its potential national impact. “This kind of coalition will foster the collaboration that we need to better inform Members of Congress, USDA and the Administration and to ensure strong farm policy for our region,” he said.

The Center will complement work conducted at similar centers across the country including The Food and Agricultural Policy Research Institute (FAPRI) at the University of Missouri; The Agricultural and Food Policy Center (AFPC) at Texas A&M University; and The National Drought Mitigation Center (NDMC) at the University of Nebraska-Lincoln.

[Read more >>](#)

NDSU welcomes area business leaders to Graffeo and Gernhart reception

The NDSU Office of Research and Creative Activity (RCA) hosted a welcome reception for Zane Gernhart, PhD, executive director the NDSU Research Foundation and Cindy Graffeo, director of innovation and economic development for NDSU. Both Gernhart and Graffeo recently joined the RCA leadership team.

Area business leaders, state and local government officials, NDSU faculty, students and staff, NDSU President David Cook, and NDSU Vice President for Research Colleen Fitzgerald attended the event.



Gernhart (left) and Graffeo (center) meet with reception attendees.

Graffeo and Gernhart, through their respective roles, support NDSU's Innovation Portfolio, where the knowledge created by research is translated into impact and application, through commercialization, entrepreneurship, technology transfer, university/industry partnerships, economic development, or another innovation pathway.

[Read more >>](#)

We're hiring: Director of Animal Resources / Institutional Attending Veterinarian

We are seeking a dynamic, collaborative and experienced person to serve as the Director of Animal Resources / Institutional Attending Veterinarian. This person will provide oversight and management of the university's animal care and use program and serve as the institutional attending veterinarian.

COME WORK WITH US!

The NDSU Office of Research and Creative Activity is hiring

DIRECTOR OF ANIMAL RESOURCES/INSTITUTIONAL ATTENDING VETERINARIAN

Provides oversight and management of the university's animal care and use program and serves as the institutional attending veterinarian.



Learn more: <https://tinyurl.com/NDSUVET>

NDSU RESEARCH AND
CREATIVE ACTIVITY

[Learn more and apply >>](#)



Overview of DOE Opportunities

NDSU's federal relations firm, Lewis-Burke Associates, has prepared an overview of current and planned Department of Energy (DOE) funding opportunities over the next two months, including:

- Office of Science programs and topic areas
- Industrial decarbonization
- Building technologies

- Hydrogen and fuel cells
- Grid technologies
- Marine energy
- Critical materials
- STEM Education and Energy workforce Request for Information

[Read the full report here \(requires NDSU login\) >>](#)

OPEN NOW: Apply for Research Support Grants

Due to faculty input, we have increased the amount available for our Research Support Grants to \$2,500. These funds are targeted at helping defray the costs of research, creative, or scholarly activities that lead to success of future grant proposals or research and creative outputs.

[Learn more and apply >>](#)



What is the NDSU Research Security Program?

NSF defines **Research Security** as "safeguarding the research enterprise against the misappropriation of research and development to the detriment of national or economic security, related violations of research integrity, and foreign government interference."

Speaking broadly, research security refers to national security concerns surrounding research involving certain types of sensitive data, intellectual property, export-controlled information, and other risks. Research security programs are designed to

protect the means, know-how and products of research until it is properly disseminated.

NDSU is committed to fostering open scientific research and collaboration with scholars from across the world. Learn more about the [NDSU Research Security Program](#).

FY2025 programmatic requests deadline is in early 2024

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.

The deadline for FY2025 submissions to RCA is January 19, 2024.

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

Join NDSU VPR Colleen Fitzgerald in a Guide to Programmatic Requests webinar on December 21.

[Learn more >>](#)

Learn more about NDSU's [process for submitting requests for consideration >>](#)



SciENcv individual or small group sessions available

NSF now requires the use of [SciENcv](#) to generate your **BioSketch** and **Current and Pending Support** documents for *ALL* grant applications.

If you haven't already managed to login and create a needed biosketch and current and pending support, and you would like some assistance, please reach out to ndsuh.researchdev@ndsuh.edu to set up a session. We will accommodate in-person and zoom.



National Institutes
of Health

Allowable Costs to Improve Human Subjects Participation and Inclusion

Did you know that you can pay for childcare for your research participants while they are doing study activities? Find similar ideas to enhance your inclusion, recruitment, or retention of research participants in NIH's new one-page tool: [Allowable Costs Related to Participant Inclusion Activities on NIH Grants](#)

The tool provides categorized examples of inclusion activities that typical NIH recipients could charge to their grants as allowable costs.

[Learn more >>](#)

NEW to or Not Currently a PI of an NIH Grant?

If you have never held an NIH grant consider applying to the R15

These awards are for educational institutions that provide baccalaureate and/or advanced degrees for a significant number of the Nation's research scientists, but have not been a major recipient of NIH support.

Applicants can apply for up to \$300K in direct costs for up to 3 years.

Research Enhancement Award Program or [REAP](#): Applicants situated in HHS
Academic Research Enhancement Award or [AREA](#): Applicants situated outside of HHS (e.g. CAS, AgFSNR, Engineering)

Eligibility:

- The PI must have a primary appointment at the R15-eligible institution.
- The PI may not be the PI of an active NIH research grant at the time of a R15 award, though he or she may be one of the Key Personnel for an active NIH grant held by another PD/PI.
 - Instrumentation awards (S10), conference grants (R13), and institutional training grants (T32) are examples of grants that are not considered research grants.
- The PI may not be awarded more than one R15 grant at a time.
- Eligibility applies only to the PI and Multiple PIs, not to collaborators, consultants, or sub awardees.

For more information or questions, please contact the Research Development Team (NDSU.researchdev@ndsu.edu)



GRANTS.GOVSM

Grants.Gov Upcoming Maintenance

Scheduled Maintenance Outage:

- Production System will go **Offline** Saturday December 16, 2023 at 12:01 AM ET.
- Production System will go **Online** Monday December 18, 2023 at 6:00 AM ET.

Additional dates for both system-wide enhancements and scheduled downtimes for system maintenance are listed on the [Grants.gov Calendar](#).

Guide to programmatic requests webinar

Thursday, December 21, 2023 | 10-11am | [Zoom](#)

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.

In the Guide to Programmatic Requests webinar, Vice President for Research and Creative Activity Colleen Fitzgerald will provide:

- an overview of programmatic requests
- the process for submissions
- working with Lewis-Burke Associates
- expectations and alignment with NDSU strategic goals.

Q&A will follow the presentation.

[Add webinar to your calendar >>](#)

You can review [NDSU's process for submitting requests for consideration.](#) Generally, NDSU must prioritize requests and submit a small subset of the programmatic requests to the congressional delegation; the delegation in turn may pick one or more, or even none of those submissions to promote.

The deadline for FY2025 submissions to RCA is January 19, 2024.

Spring 2024 NIH Grant Bootcamp

Join us for an [Info-Sharing Session](#) on January 11 from 11:30 am-1:00 pm in Nueta, Memorial Union to learn more about the upcoming NIH Grant Bootcamp that will run from January to May with the intention of supporting grant submissions to June and September deadlines.

To facilitate planning, [please indicate if you're interested in attending this bootcamp >>](#)



RESEARCH COMMUNITY

Sparking **Big Ideas**

MONDAY, JANUARY 8, 2024

NDSU MCGOVERN ALUMNI CENTER

[REGISTER TO PARTICIPATE >>](#)

Plan to join NDSU research colleagues for a community building event as part of the Big Idea Research Initiatives for the 2023-24 year. This one-day event will provide the opportunity to connect and engage in creative discussions geared toward developing interdisciplinary research ideas around [NDSU's four strategic research priorities](#). The priorities are broadly defined and inclusive of most disciplines and work on campus, but if you aren't sure whether your expertise would fit, or have other questions, email us at bigideas@ndsu.edu.

Facilitated by [Knowinnovation, Inc.](#), the day-long event will be highly interactive and designed to foster cross-disciplinary discussions and collaborations. Knowinnovation specializes in working with science researchers and practitioners to accelerate scientific innovation and achieve actionable outcomes.

This event is open to faculty and full-time staff researchers at NDSU.



**NSF I-CORPS HUB
GREAT PLAINS REGION**

Winter cohort applications now open

Looking for an opportunity to better align your research with potential customers or end users? This 5-week experiential training provides for teams to work with NSF-trained instructors to test their projects for future investment and gain a stronger understanding of the market for their technology.

Teams may qualify for up to \$1,000 to be used towards customer discovery. Additionally, teams that successfully complete the regional training qualify to apply for the National I-Corps training. In the national program, teams can receive up to \$50,000 to be used towards customer discovery.

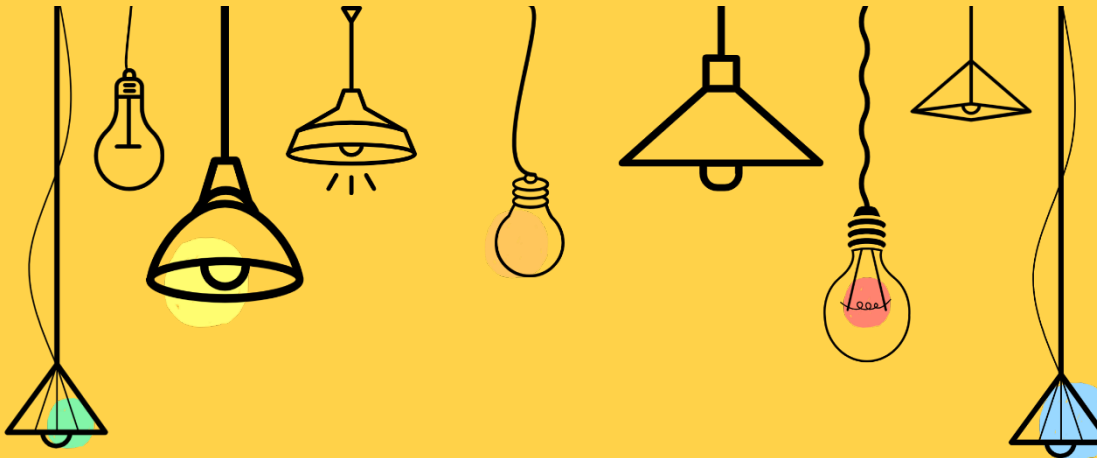
Application deadline is December 22, 2023. Winter Cohort dates run from January 17 through February 21.

[Learn more and apply >>](#)

National Science Foundation Dear Colleague Letters

- Request for Information on Technologies to Enable Observations in Remote-Extreme Environments [[NSF 24-021](#)]

- Opportunities in the Research Infrastructure in the Social and Behavioral Sciences Program (RISBS) [[NSF 24-020](#)]



Have a big, bright idea about research at NDSU?

It's important that we continually challenge each other to come up with ambitious, big ideas in our research endeavors at NDSU. So we'd like to hear your ideas, and the bigger they are, the better.

While we can't promise all of them will succeed, we welcome you to share them - from an early concept or thought all the way to developed ideas that may just need some collaboration - send us an email (bigideas@ndsu.edu) and get the process started.

Upcoming Events at a Glance

- **Building EPSCoR-State/National Laboratory Partnerships Webinar**
December 18, 2023 at 2pm | [Learn more and register >>](#)
- **NSF: Track 2 Office Hours**
December 20, 2023 at 1pm | [Learn More and register >>](#)

**Note – the 2024 internal competition is closed. However, if you are interested in the program for 2025, it is highly encouraged that you attend this session*

- **Guide to programmatic requests webinar**
December 21, 2023 at 10am-11:00 | [Add webinar to your calendar >>](#)
- **Great Plain I-Corps Winter cohort applications deadline**
December 22, 2023 | [Learn more >>](#)
- **Sparking Big Ideas: Research Community Building Workshop**
January 8, 2024 at 8am-5pm | [Learn more and register >>](#)
- **NIH Grant Writing Workshop info-sharing session**
January 11, 2024 at 11:30am-1:00 | [Learn More >>](#)
- **FY2025 programmatic requests to RCA deadline**
January 19, 2024 | [Learn more >>](#)
- **NIH: Diverse Voices, Intersectionality and the Health of Women -- “Graphic Medicine.”**
January 25, 2024, 2pm-3:00 | [Learn more >>](#)

Funding Opportunities

- [HRSA: Geriatrics Workforce Enhancement Program](#)
- [National Archives and Records Administration: Grants](#)
- [NIH: Advanced Development and Validation of Emerging Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research](#)
- [NIH: Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research](#)
- [NIH: Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research](#)

- [NIH: Multi-Sectoral Preventive Interventions That Address Social Determinants of Health in Populations that Experience Health Disparities](#)
- [NIJ: Research on Law Enforcement Responses to Opioid Overdoses](#)
- [NSF: Emerging Frontiers in Research and Innovation Biocomputing through EnGINeering Organoid Intelligence](#)
- [NSF: Formal Methods in the Field](#)
- [one five: Funding Opportunities](#)
- [RWJF: Policies for Action - Policy Research to Advance the Inclusion of Immigrant Families and Children](#)
- [USDA: NIFA - Crop Protection and Pest Management Competitive Grants Program](#)
- [USDA: NIFA - Food Safety Outreach Program](#)
- [USDA: Biotechnology Risk Assessment Research Grants Program](#)
- [USDA: NIFA - Methyl Bromide Transition Program](#)

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 date.

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

- [NSF: Scholarships in STEM \(S-STEM\)](#)
Notification Deadline: December 18, 2023 Track 1
- [FFAR: New Innovator in Food and Agriculture Research](#)
Notification Deadline: December 21, 2023

The limited submission grant programs below did not receive notification of interest, so they are considered "**First to Notify.**" Those who notify are given

approval to move forward with a full proposal submission on a first come, first served basis.

- [HRSA: Supporting Healthy Start Performance Project](#)
Deadline: December 29, 2023
- [NIH: Leading Equity and Diversity in the Medical Scientist Training Program](#)
Deadline: January 25, 2024

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HRSA: Geriatrics Workforce Enhancement Program

The purpose of the Geriatrics Workforce Enhancement Program ([GWEP](#)) is to educate and train the health care and supportive care workforces to care for older adults by collaborating with community partners. Applicants must maximize patient and family engagement to address care gaps and improve health outcomes for older adults by integrating geriatrics with primary care and other appropriate specialties using the Age-Friendly Health Systems Framework.

Deadline: February 26, 2024

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National Archives and Records Administration: Grants

Major Collaborative Archival Initiatives

The National Historical Publications and Records Commission [seeks projects](#) that will significantly improve public discovery and use of major historical records collections. All types of historical records are eligible, including documents, photographs, born-digital records, and analog audio and moving images.

Cost Share: 50% required by applicant

- *Draft Deadline (required): February 15, 2024*
- *Application Deadline: May 8, 2024*

Publishing Historical Records Collaborative Digital Editions

The National Historical Publications and Records Commission [seeks proposals](#) to publish online editions of historical records. All types of historical records are eligible, including

documents, photographs, born-digital records, and analog audio.

Cost Share: 25% required by applicant

- *First Deadline*
Draft (optional) Deadline: February 15, 2024; Application Deadline: May 8, 2024
- *Second Deadline:*
Draft Deadline: August 15, 2024; Application Deadline: November 7, 2024

State Board Programmatic Grants

The purpose of this [grant program](#) is to assist state boards or Universities working on behalf of state boards to broaden preservation of, and increased online access to, historical records; develop and promote best practices; support activities that put the American people in touch with primary sources in their communities and online; promote the institutional advancement of organizations in underserved communities; and assist locally based repositories with training and tools to improve their stewardship abilities.

Cost Share: 25% required by applicant

- *Draft Deadline (required): February 15, 2024*
- *Final Deadline: May 8, 2024*

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NIH: Advanced Development and Validation of Emerging Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R33 Clinical Trial Not Allowed)

This Notice of Funding Opportunity Announcement (NOFO) [[RFA-CA-24-009](#)] invites grant applications proposing exploratory research projects focused on further development and validation of emerging technologies offering novel capabilities for targeting, probing, or assessing molecular and cellular features of cancer biology for basic, clinical, or epidemiological cancer research. This NOFO solicits R33 applications where major feasibility gaps for the technology or methodology have been overcome, as demonstrated with supportive preliminary data, but still requires further development and rigorous validation to encourage adoption by the research community.

Deadline: Letter of Intent March 1, 2024; Application April 1, 2024

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NIH: Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21 Clinical Trial Not Allowed)

The purpose of this Notice of Funding Opportunity (NOFO) [[PAR-24-039](#)] is to promote diversity in the basic cancer research workforce through recruiting and supporting New Investigators and Early Stage Investigators (ESIs) from diverse backgrounds, including those from nationally underrepresented groups, who have entered the research pipeline and are interested in developing innovative studies in cancer biology.

Upcoming Deadlines: June 18, November 19, 2024 ...

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NIH: Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research (R61 Clinical Trial Not Allowed)

This Notice of Funding Opportunity (NOFO) [[RFA-CA-24-010](#)] solicits grant applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens. The overall goal is to support the development of highly innovative technologies capable of maximizing or otherwise interrogating the quality and utility of biological samples used for downstream analyses.

Deadline: Letter of Intent March 1, 2024; Application April 1, 2024

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NIH: Multi-sectoral preventive interventions that address social determinants of health in populations that experience health disparities (UG3/UH3, Clinical Trial Required)

The purpose of this NOFO [[PAR-24-053](#)] is to support projects to test prospective multi-sectoral preventive interventions that address social determinants of health in populations that experience health disparities. These research projects will be part of the Multi-Sectoral Preventive Interventions (MSPI) Research Network, which will also include a Coordinating Center. Funded under a cooperative agreement, projects participating in the MSPI Research Network will collaborate to share approaches,

methods, and data, working closely with NIH Institutes, Offices and Centers.

Deadline: Letter of Intent July 5, 2024; Application August 5, 2024

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NIJ: Research on Law Enforcement Responses to Opioid Overdoses

NIJ seeks proposals to study law enforcement's [responses to opioid overdoses](#). The study shall take into account law enforcement's responses with linked community agencies and also include specific practices utilized to ensure the well-being, assessment, and protection of children in these situations. Linked community agencies may include public and private agencies that do or could have a role in reducing or responding to opioid misuse and overdoses.

Deadline: February 12, 2024

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NSF: Emerging Frontiers in Research and Innovation (EFRI-2024/25) Biocomputing through EnGINeering Organoid Intelligence (BEGIN OI)

The EFRI Biocomputing through EnGINeering Organoid Intelligence (BEGIN OI) [[NSF 24-508](#)] solicitation supports foundational and transformative research to advance the design, engineering, and fabrication of organoid systems that are capable of processing information dynamically while interfacing with non-living systems. EFRI BEGIN OI supports a broad interpretation of *in vitro* biological "intelligent systems" to include capture of real-world input, autonomous processing in an engineered biological construct, and generating an output that drives an engineered system. The EFRI BEGIN OI solicitation asks investigators to define the bounds of "intelligence" and "learning" needed to achieve responsive and adaptive biological computing and control in engineered systems.

Upcoming Deadlines:

- *Letter of Intent (required): January 17, 2024; Proposal Deadline: February 22, 2024*
- *Letter of Intent (required): September 12, 2024; Proposal Deadline: December 12, 2024*

NSF: Formal Methods in the Field (FMitF)

FMitF [[NSF 24-509](#)] encourages close collaboration between two groups of researchers. The first group consists of researchers in the area of formal methods, which, for the purposes of this solicitation, is broadly defined as principled approaches based on logic and mathematics to specification, modeling, design, analysis, implementation, abstraction, verification, synthesis, and optimization of systems, networks and applications. The second group consists of researchers in the "field," which, for the purposes of this solicitation, is defined as any area within computer and information science and engineering that would benefit from developing and applying formal methods in their research.

There are Three Tracks:

- Track I – Research Proposals
- Track II – Transition to Practice (TTP) proposals
- Track III – Education Proposals

Deadline: February 20, 2024

one five: Funding Opportunities

High-barrier thermoforming polymer films for fiber-based food packaging

The company one five is in search of innovative packaging solutions that tick several boxes. The ideal material should be a polymer film that is food compliant, exhibit a water vapor transmission rate comparable to or better than polyolefins, endure hot fill (77°C) and refrigeration (4-10°C) in contact with the product, and be thermoformable at a specified aspect ratio.

Natural polymer coating with high heat seal strength for paper packaging

one five is looking for a natural polymer-based solution that must undergo processing via extrusion coating on paper, ensuring a balance between heat seal strength, melt flow rate, and adhesion to paper. Additionally, the coating should be water-insoluble, exhibit biodegradability, and uphold biobased carbon standards.

Ultra-high oxygen barrier coating for paper packaging

one five is looking for a water-based dispersion coating solution that strongly adheres to paper substrates and achieves ultra-high oxygen barrier. The coating solution should demonstrate heat resistance for subsequent extrusion applications.

The applications take about one hour to complete.

Deadline for above applications: January 31, 2024

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RWJF: Policies for Action - Policy Research to Advance the Inclusion of Immigrant Families and Children

The goal of this [funding opportunity](#) is to fund research on policies that can advance the full social, economic, and civic inclusion of immigrant children and families. The intention is to spotlight policies that can transform systems/structures that ensure equal access to goods and services, including public benefits, irrespective of immigration status. The proposed research can cover a wide range of service systems, and related policies.

Deadline: February 16, 2024; 2PM

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USDA: NIFA - Crop Protection and Pest Management Competitive Grants Program

The purpose of the [Crop Protection and Pest Management program](#) is to address high priority issues related to pests and their management using IPM approaches at the state, regional and national levels. The CPPM program supports projects that will ensure food security and respond effectively to other major societal pest management challenges with comprehensive IPM approaches that are economically viable, ecologically prudent, and safe for human health. The CPPM program addresses IPM challenges for emerging issues and existing priority pest concerns that can be addressed more effectively with new and emerging technologies. The outcomes of the CPPM program are effective, affordable, and environmentally sound IPM practices and strategies needed to maintain agricultural productivity and healthy communities.

Cost share is required 1:1

Deadline: February 15, 2024

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USDA: NIFA - Food Safety Outreach Program

The [Food Safety Outreach Program](#) will complement and expand the national infrastructure of the National Food Safety Training, Education, Extension, Outreach, and Technical Assistance Competitive Grants Program. Awardees will develop and implement food safety training, education, extension, outreach and technical assistance projects that address the needs of owners and operators of small to mid-sized farms, beginning farmers, socially-disadvantaged farmers, small processors, or small fresh fruit and vegetable merchant wholesalers.

Deadline: February 13, 2024

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USDA: Biotechnology Risk Assessment Research Grants Program

The purpose of the Biotechnology Risk Assessment Research Grants Program ([BRAG](#)) program is to support the generation of new information that will assist Federal regulatory agencies in making science-based decisions about the effects of introducing into the environment genetically engineered organisms (GE), including plants, microorganisms — such as fungi, bacteria, and viruses — arthropods, fish, birds, mammals and other animals excluding humans. Investigations of effects on both managed and natural environments are relevant.

Deadline: February 29, 2024

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USDA: NIFA - Methyl Bromide Transition Program

The Methyl Bromide Transition Program ([MBT](#)) addresses the immediate needs and the costs of transition that have resulted from the phase-out of the pesticide methyl bromide. Methyl bromide has been a pest and disease control tactic critical to pest management systems for decades for soilborne and postharvest pests. The program focuses on integrated commercial-scale research on methyl bromide alternatives and associated extension activity that will foster the adoption of these solutions. Projects should cover a

broad range of new methodologies, technologies, systems, and strategies for controlling economically important pests for which methyl bromide has been the only effective pest control option. Research projects must address commodities with critical issues and include a focused economic analysis of the cost of implementing the transition on a commercial scale.

Deadline: February 13, 2024



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.

Have questions, ideas, or suggestions for the RCA Update?

[Contact Us](#)



The Office of Research and Creative Activity (RCA) sends bi-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.