

## RCA UPDATE

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November 28, 2023

### What if we could give you the gift of time?

A challenge at NDSU has been that the time **faculty** needs to dedicate to pursuing big ideas in research competes with their full set of responsibilities. What if we could give you the time to redirect some of that time back into research? What if we could give you time to develop your skills and practice your craft? What if we could give you the time to really think about that next big idea that might just change the world? The Office of Research and Creative Activity has a plan to do just that.

Our NDSU Giving Day campaign this year focuses on the **Transformative Research Leaders Fund**.

[Learn more about this initiative >>](#)

HAVE YOU HEARD? SPREAD THE WORD!  
**GIVING DAY** 

**NOV  
28**



### **THE TRANSFORMATIVE RESEARCH LEADERS FUND**

The only limit to the accomplishments our NDSU researchers can achieve is time. Through your support, we can impact the collective research potential of the university and give our researchers the time they need to fully develop their skills and practice their craft to ensure that NDSU remains a research powerhouse and a true economic engine for our region.

**Give at [NDSUGivingDay.com](https://NDSUGivingDay.com)**

## IMPORTANT

### Don't be late filling out your NSF BioSketch!

As of Monday, **October 23, 2023**, every PI, Co-PI and faculty/staff named as Senior Personnel on an NSF proposal must use SciENCv to create their BioSketch. The Research Development team, led by Heidi Grunwald, will assist researchers in preparing their BioSketches and Current and Pending Support.

**A final SciENCv Workshop will be hosted on Thursday, December 7, 2023**

**8:00am-9:30am**

The format of the session is in the first 45 minutes there will be a step-by-step tutorial and the remaining time will be to assist with questions. Faculty are asked to bring their laptop as well as a copy of their CV.

Registration is required and researchers can attend either in-person (Memorial Union – Nueta Room) or via Zoom (Zoom link will be emailed to registrants prior to the workshop). Coffee and breakfast will be available.

[Register >>](#)

## 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 the success of future grant proposals or research and creative outputs.

[Learn more and apply >>](#)

## **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](mailto:NDSU.researchdev@ndsu.edu))**

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# 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](mailto: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.

## Spring 2024 NIH seminar series for new and junior NDSU faculty

The RCA Office of Research Development's seminar series will include an application-based, monthly, NIH Grant Writing Workshop program and is set to

begin late January. If you are a new or aspiring NIH investigator and would like to learn more about the application-based monthly workshops planned for spring semester 2024, plan to attend an Info-Sharing Session on January 11th from 11:30 am-1:00 pm in Nueta, Memorial Union.

[Learn More >>](#)

diversity.nih.gov



#SWDS

NIH Scientific Workforce Diversity Seminar Series

**How Do Research-Active Institutions (e.g., HBCUs, TCUs, and MSIs) Impact the Diversity of the Scientific Workforce?**



## Scientific Workforce Diversity Seminar Series

**How Do Research-Active Institutions (e.g., HBCUs, TCUs, and MSIs) Impact the Diversity of the Scientific Workforce?**

This seminar will feature a panel sharing data and perspectives on the critical role of Research-Active Institutions (RAIs) in enhancing the diversity of the scientific workforce.

NIH's Chief Officer for Scientific Workforce Diversity (COSWD) Marie A. Bernard, M.D., will moderate the 90-minute discussion. The seminar will feature a panel discussing institutional factors at RAIs that are effective in developing a diverse scientific workforce, with special focus on promoting the overall diversity of the biomedical and behavioral research workforce.

The online speaker series was started in September 2021 and shares the latest research on scientific workforce diversity topics by engaging with interested

professionals and researchers at NIH and beyond.

Thursday, November 30, 12:30 pm – 2:00pm

[Learn more and register >>](#)

The graphic features a red and white geometric background. On the left, a circular portrait of Shawntel Okonkwo, PhD, is shown. To the right, the text reads: "Interactive Webinar THINKING LIKE A DESIGNER". Below this, it says "How thinking like a designer can foster intentionally inclusive SciComm". At the bottom left, there is a calendar icon with the text "DECEMBER 7, 2023 2:00PM EASTERN" and a location pin icon with "Streaming LIVE on Youtube, X, and LinkedIn". At the bottom right, the logo for the Alan Alda Center for Communicating Science at Stony Brook University is displayed.

## "How Thinking Like a Designer Can Foster Intentionally Inclusive Scicomm"

Hosted by the Alda Center and featuring [Dr. Shawntel Okonkwo](#), this live, interactive webinar will give you the hands-on tools you need to:

- understand your audience better
- be intentionally inclusive in your science communication
- minimize bias
- create real impact

by using empathy and human-centered design principles.

With creativity and empathy as a guidepost, Dr. Okonkwo is an insatiably curious PhD Molecular Biologist, dynamic TEDx speaker, international scientific consultant and seasoned science communicator and coach with 10+ years impact across the STEAM, media/entertainment, social impact and education industries.

**Thursday, December 7, 1:00pm (Zoom)**

[Learn more and register >>](#)

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## NSF DCLs

### **Future Proofing Plants to a Changing Climate**

Climate change is challenging the sustainability and resilience of our agri-food systems, through long-term changes to temperature and rainfall, increased threats due to extreme weather events and shifts in pests and diseases. Plants overall need to be more resilient and adapt to these threats while crops need to continue meeting the demand for safe and affordable food for a growing population on less land and with greater resource use efficiency, in order to lower the impact on the natural environment.

To address this imminent challenge, we need accelerated approaches in plant sciences translating knowledge across different plant and crop species.

Germany, the United Kingdom (UK) and the United States (US) have world leading capability in plant and crop sciences, and together can drive greater coordination of research efforts beyond borders. This Dear Colleague Letter (DCL) highlights a new trilateral funding opportunity that will support collaborative research in the three countries. The research must fall within the scope of [BBSRC](#), DFG, NSF and USDA-NIFA.



More information: [NSF 23-096](#)

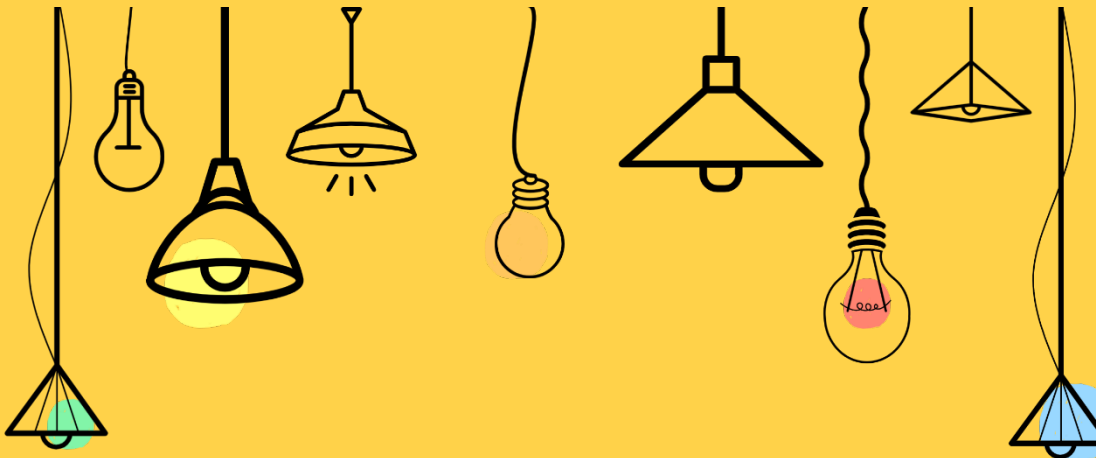
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### **Inviting Proposals Related to Open-Source Software Security to the Secure and Trustworthy Cyberspace Program**

The purpose of this Dear Colleague Letter (DCL) [[NSF 23-149](#)] is to encourage the submission of novel and high impact proposals, within or across disciplines, applying the highest standards of research methodology and use of evidence, to advance knowledge on securing the OSS ecosystem, targeting at least one of the following areas/topics:

- Software engineering frameworks/tools/methodologies
- Handling unsafe legacy code
- Dependency management
- Trust and safety
- Incentive and organizational structures for a secure OSS ecosystem
- Education and workforce development

This DCL does not constitute a new competition nor a new program. Rather, interested proposers should prepare and submit proposals in accordance with the instructions in the Secure and Trustworthy Cyberspace (SaTC) program solicitation [NSF 24-504](#) (Proposals accepted anytime). Proposals can be submitted to the CORE, EDU and TTP designations of the SaTC solicitation as appropriate to the work proposed.



## 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](mailto:bigideas@ndsu.edu)) and get the process started.

## Upcoming Events at a Glance

- **Partnerships for Innovation (PFI) Q&A Webinar**  
December 2 | [Learn More >>](#)
- **Building Interdisciplinary Research Careers in Women's Health (BIRCWH) 2023 Annual Meeting**  
December 5, 2023 | [Learn More >>](#)
- **I-Corps Updates Meeting**  
December 7 | [Learn More >>](#)

- **NSF: Introduction to Partnerships for Innovation (PFI) Webinar**  
December 7, 12-1:30pm | [Learn More >>](#)
- **NSF: Track 2 Office Hours**  
December 20 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*
- **NIH: Diverse Voices, Intersectionality and the Health of Women -- “Graphic Medicine.”**  
January 25, 2024, 2:00PM | [Learn more >>](#)
- **NIH: Behavioral and Social Sciences Research Festival**  
Tuesday, December 5, 10:00 am | [Learn more >>](#)

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## Funding Opportunities

- [DOE: ARPA- E Spurring Projects to Advance Energy Research and Knowledge Swiftly](#)
- [DOE: Industrial Efficiency and Decarbonization Office Cross-Sector Technologies](#)
- [DOE: Strategies to Increase Hydropower Flexibility](#)
- [DOT: Accelerating Advanced Digital Construction Management Systems Program](#)
- [FFAR: Rapid Outcomes from Agricultural Research](#)
- [New England Regional Fellowship Consortium: Fellowship](#)
- [NIH: Bidirectional Influences Between Adolescent Social Media Use and Mental Health](#)
- [NIH: Improving Predictability of Food-Drug and Drug-Drug Interaction Risks by Utilizing In Vitro Simulated Gastrointestinal Dissolution Model for High-Risk Oral Drug Products](#)
- [NIH: Occupational Safety and Health Research](#)
- [NSF: Mid-Career Advancement](#)
- [NSF: Secure and Trustworthy Cyberspace](#)

- [USDA: 2024 National Urban and Community Forestry Challenge Cost Share Grant Program](#)
- [USDA: Agriculture Risk Management Education Partnerships Competitive Grants Program](#)
- [Winterthur: Fellowships](#)

## 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](mailto: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](mailto: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 below limited submission grant programs 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 serve basis.

- [HRSA: National Rural Health, Policy, Community and Collaboration Program](#)
- *Deadline: November 30, 2023*
- [Mathers Foundation: Grant Program \(STEM\)](#)
- *Deadline: LOI December 1, 2023*
- [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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## **DOE: ARPA- E Spurring Projects to Advance Energy Research and Knowledge Swiftly (SPARKS)**

This Funding Opportunity (FO) [[DE-FOA-0003164](#)] provides a continuing opportunity for the rapid support of early-stage applied research to explore innovative new concepts with the potential for transformational and disruptive changes in energy technology. Spurring Projects to Advance Energy Research and Knowledge Swiftly (SPARKS) awards are intended to be flexible and may take the form of analyses or exploratory research that provides the agency with useful information for the subsequent development of focused technology programs. SPARKS awards may also support proof-of-concept research to develop a unique technology concept, either in an area not currently supported by the agency or as a potential enhancement to an ongoing focused technology program.

### **Technical Categories:**

- Grid
- Transportation
- Buildings & Construction
- Electricity Generation and Storage
- Carbon Capture, Sequestration, and Utilization
- Industrial Efficiency & Decarbonization
- Other Energy Technologies

*Deadline: Open continuously until otherwise amended*

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## **DOE: Industrial Efficiency and Decarbonization Office (IEDO) Cross-Sector Technologies**

To accelerate the development of emerging industrial decarbonization technologies, DOE created the Technologies for Industrial Emissions Reduction Development (TIEReD) Program. This Cross-Sector Technologies Funding Opportunity [[DE-FOA-0003206](#)] is part

of the TIEReD program. The TIEReD program leverages resources across DOE’s applied research offices to invest in fundamental science, research, development, initial pilot-scale demonstrations projects, and technical assistance and workforce development. Rooted in the principles identified in the 2022 Industrial Decarbonization Roadmap, DOE is building an innovation pipeline to accelerate the development and adoption of industrial decarbonization technologies.

**Topic Areas:**

- Electrification of Industrial Heat
- Efficient Energy Use in Industrial Systems
- Decarbonizing Organic Wastewater and Wet Waste Treatment

The *cost share* must be at least 20% of the total project costs for research and development projects and 50% of the total allowable costs for demonstration and commercial application projects.

*Concept Paper Deadline: December 18, 2023; 4PM*



## **DOE: Strategies to Increase Hydropower Flexibility**

This Funding Opportunity [[DE-FOA-0003103](#)] supports three complementary strategies for increasing the flexibility of hydropower, organized as three separate topics:

Topic 1) Demonstrating hydropower hybrids (*Cost Share: 50%*)

Topic 2) Supporting innovative advanced hydropower equipment (*Cost Share: 20%*)

Topic 3) Developing new operational strategies (*Cost Share: 20%*)

Across all three FOA topics, applications should pursue three broad goals:

1. Increase in flexibility
2. Reduced power system GHG emissions
3. Significant scale of impact across the hydropower fleet

*Concept Paper Deadline: January 18, 2024; 4PM*



## **DOT: Accelerating Advanced Digital Construction Management Systems (ADCMS) Program**

The Federal Transit Administration (FTA) announces the [opportunity to apply for funding](#) for a program lead to administer ADCMS demonstration projects and deliver other program requirements. FTA is exploring the use of ADCMS to promote field-tested advanced digital platforms to reduce costs and improve the project delivery timeframe for investments in public transit capital construction projects. The Bipartisan Infrastructure Law highlights the potential of accelerating advanced digital construction management systems to improve how transit agencies deliver capital construction projects by providing a digital platform that tracks all phases of the construction lifecycle. In response, FTA is funding at least two demonstrations of commercially available ADCMS in real-world settings. These projects will create living laboratories for demonstration and study of technical issues, user acceptance, costs, integration, workforce training and transition, and institutional issues, and will further assess the needs for policy and standards development.

*Deadline: February 12, 2024*



## **FFAR: Rapid Outcomes from Agricultural Research (ROAR)**

The Rapid Outcomes from Agricultural Research ([ROAR](#)) program deploys urgent funding to support research and outreach in response to emerging or unanticipated threats to the nation's food supply or agricultural systems.

Plant and animal pests and pathogens can strike quickly, devastating crops, livestock and livelihoods. When such events occur, it often takes months before an effective response can be mounted. Researchers must first understand these pests and pathogens before developing an effective solution. While the initial period after pest or pathogen detection is critical to stopping the threat, conventional research funding opportunities take significant time and effort to pursue.

*Deadline: Open year-round*



## **New England Regional Fellowship Consortium: Fellowship**

The New England Regional Fellowship Consortium, a collaboration of 31 major cultural agencies, will offer at least two dozen awards in the June 1, 2024 - May 31, 2025

application cycle. Each [fellowship](#) will provide a stipend of \$5,000 for a minimum of eight weeks of research at participating institutions. Awards are open to U.S. citizens and foreign nationals who hold the necessary U.S. government documents. Grants are designed to encourage projects that draw on the resources of several agencies.

NERFC grants support work in a broad array of fields, including but not limited to: history, literature, art history, African American studies, American studies, women's and gender studies, anthropology, sociology, philosophy, religious studies, environmental studies, oceanography, and the histories of law, medicine, and technology. Member institutions hold collections that offer a historical perspective on topics in all of these fields and more.

*Deadline: February 1, 2024*



## **NIH: Bidirectional Influences Between Adolescent Social Media Use and Mental Health (R01 Clinical Trial Optional)**

This Funding Opportunity (FO) [[RFA-MH-24-180](#)] focuses on understanding relationships between social media use and adolescent mental health, psychiatric symptoms, and risk or resilience for psychopathology. Importantly, adolescents (10-20 years of age) have increasing access to social media and greater autonomy in their use of digital platforms.

Research submitted to this FO is expected to focus on the positive and negative impacts of social media on adolescent mental health and/or how adolescent psychopathology influences social media use. Interactions via social media play an increasingly important role in adolescent development, but little is known about the mechanisms by which social media use may impact risk or resilience for psychopathology. Identifying individual and contextual factors that may serve as modifiable targets for intervention is a high priority.

This FO prioritizes rigorous research studies that utilize sophisticated and fine-grained approaches to assess social media use and that move beyond simple assessments of time spent on social media. Applications are expected to define and justify the social media platforms examined, social media data collection methods, and age range of participants in the proposed research.

*Letter of Intent Deadline: February 1, 2024*



## **NIH: Improving Predictability of Food-Drug and Drug-Drug Interaction Risks by Utilizing In Vitro Simulated Gastrointestinal Dissolution Model for High-Risk Oral Drug Products (U01 Clinical Trial Optional)**

The purpose of this funding opportunity [[RFA-FD-24-009](#)] is to exam the utility of the in vitro simulated GI dissolution model [TinyTIM (Tiny Tract for In Vitro Modeling)], for the assessment of amorphous solid dispersion (ASD) performance in vitro under simulated GI conditions. The TinyTIM system is an intricate and dynamic dissolution model designed to replicate the conditions found in the stomach and small intestine of adult humans.

The goal of this funding opportunity is to apply the in vitro mechanistic TinyTIM methodologies to predict the impact of food and ARAs on the absorption for test and reference listed drug products, taking into consideration their potentially different formulations and manufacturing. This research is necessary to enhance comprehension of how food and ARAs affect the release of drugs from ASDs, and how the variability arising from differences in formulations and manufacturing can be replicated in vitro. This improved understanding is crucial for more accurate predictions of in vivo outcomes, especially for high-risk ASD drug products that have been specially formulated.

*Letter of Intent Deadline: February 15, 2024*

## **NIH: Occupational Safety and Health Research (R01)**

The purpose of the R01 grant program [[PAR-18-812](#)] is (1) to develop an understanding of the risks and conditions associated with occupational diseases and injuries, (2) to explore methods for reducing risks and preventing or minimizing exposure to hazardous conditions in the workplace, and (3) to translate significant scientific findings into prevention practices and products that will effectively reduce work-related illnesses and injuries.

Applicants must concisely describe the occupational health burden addressed in their proposal and must link the need for the proposed research activities to planned outputs

that will help alleviate this burden. Applicants should clearly articulate the anticipated impacts of the proposed research, both during the project period and beyond.

*Upcoming Deadlines: February 5, June 5, October 5, 2024*

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## **NSF: Mid-Career Advancement (MCA)**

The MCA program [[NSF 22-603](#)] offers an opportunity for scientists and engineers at the mid-career stage (see restrictions under Additional Eligibility Information) to substantively enhance and advance their research program and career trajectory. Mid-career scientists are at a critical career transition stage where they need to advance their research programs to ensure long-term productivity and creativity but are often constrained by service, teaching, or other activities that limit the amount of time devoted to research. MCA support is expected to help lift these constraints to reduce workload inequities and enable a more diverse scientific workforce (more women, persons with disabilities, and individuals from groups that have been underrepresented) at high academic ranks.

Who may serve as PI?

PIs must be a) at the Associate Professor rank and b) at that rank for at least 3 years by the proposal submission date. PIs must have current or proposed research that falls within the purview of a participating disciplinary program.

*Deadline: March 1, 2024*

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## **NSF: Secure and Trustworthy Cyberspace**

In today's increasingly networked, distributed, and asynchronous world, cybersecurity involves hardware, software, networks, data, people, and integration with the physical world. Society's overwhelming reliance on this complex cyberspace, however, has exposed its fragility and vulnerabilities that defy existing cyber-defense measures; corporations, agencies, national infrastructure, and individuals continue to suffer cyber-attacks.

The goals of the SaTC program [[NSF 24-504](#)] are aligned with the National Science and Technology Council's (NSTC) [Federal Cybersecurity Research and Development Strategic](#)

[Plan](#) (RDSP) and [National Privacy Research Strategy](#) (NPRS) to protect and preserve the growing social and economic benefits of cyber systems while ensuring security and privacy. The RDSP identified six areas critical to successful cybersecurity research and development: (1) scientific foundations; (2) risk management; (3) human aspects; (4) transitioning successful research into practice; (5) workforce development; and (6) enhancing the research infrastructure.

*Deadline: Proposals accepted ANYTIME*

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## **USDA: 2024 National Urban and Community Forestry Challenge Cost Share Grant Program**

Through this Funding Opportunity ([FO](#)), the Forest Service is seeking proposals to address the [National Ten Year Urban and Community Forestry Action Plan \(2016-2026\)](#), (Action Plan) - Goal 4 and Goal 5 in the Ten Year Action Plan.

Urban forests are trees for people, where they live, work and play, which includes natural resources on public and private property that contribute to quality of life, supports community development, green infrastructure, and provide a wealth of benefits to cities and towns.

The [USDA Forest Service Urban & Community Forestry \(U&CF\) Program](#) is the only dedicated urban forest program in the federal government. It is a technical, financial, and educational assistance program delivers nature-based solutions to more than 84 percent of Americans. The program works in partnership to restore, sustain, and manage more than 140 million acres of urban and community forest lands for the benefit of communities in the United States. Healthy urban & community forests and green infrastructure are not only critical to all our nation's forests, but research and studies have also shown that our urban and community forests are essential to the economic, environmental, physical, and mental well-being of our citizens.

The cost share must at least match dollar for dollar

*Deadline: February 29, 2024; 4PM*

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## USDA: Agriculture Risk Management Education Partnerships Competitive Grants Program

The purpose of the Agriculture Risk Management Education Partnerships Competitive Grants Program ([ARME](#)) is to educate agricultural producers about the full range of risk management activities. These activities include futures, options, agricultural trade options, crop insurance, cash forward contracting, debt reduction, production diversification, marketing plans and tactics, farm resources risk reduction, and other appropriate risk management strategies. The program places special emphasis on risk management strategies, education, and outreach specifically targeted at: (A) beginning farmers or ranchers; (B) legal immigrant farmers or ranchers that are attempting to become established producers in the United States; (C) socially disadvantaged farmers or ranchers; (D) farmers or ranchers that (i) are preparing to retire; and (ii) are using transition strategies to help new farmers or ranchers get started; and (E) new or established farmers or ranchers that are converting production and marketing systems to pursue new markets. The Agriculture Risk Management Education (ARME) program brings the existing knowledge base to bear on risk management issues faced by agricultural producers and expands the program throughout the Nation on a regional and multi-regional basis.

The primary goals and objectives of the ARME program are to:

1. Provide U.S. agricultural producers and their families, as appropriate, with the knowledge, skills, and tools needed to make informed risk management decisions that enhance profitability of their operations
2. Deliver risk management education to agricultural producers underserved by the Federal crop insurance program.

*Deadline: January 15, 2024*



## Winterthur: Fellowships

[Fellows](#) can utilize the 20,000 American and European imprints, 3,000 record groups of manuscripts, as well as trade catalogues, ephemera, photographs, and archives of the [Winterthur Library](#), an independent, world-class research collection. They can also examine [Winterthur Museum's expansive object collections](#) of more than 90,000 artifacts that help us broadly understand four centuries of everyday life in America in a global

context. They can look at these collections with [specialists and experts](#) and consult with [conservators and scientific staff](#) to request testing to better understand objects and interpret them at a chemical level. They can explore 7,500 plant specimens and more than [1,000 acres of landscape and gardens](#), using these spaces and materials for research, or for respite and recharging.

Winterthur offers a variety of Fellowships:

- Short-Term
- Maker-Creator
- Remote
- Affiliated

*Deadline: January 15, 2024*

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### 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 [ndsuh.researchdev@ndsuh.edu](mailto:ndsuh.researchdev@ndsuh.edu).

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

[Contact Us](#)

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*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.*

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*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.*