

# RCA UPDATE

January 19, 2021

## Funding Opportunity Edition

### RCA Funding Opportunities

RCA has limited funding still available for the following programs:

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

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

More information and application instructions are posted on the [RCA website](#).

**Important Note about Limited Submission Programs**

Funding agencies sometimes limit the number of proposals that an institution is allowed to submit for particular funding opportunities, and the number of these limited submission programs seems to be growing. RCA tries to identify and advertise as many of these opportunities as possible. However, if you run across a limited submission funding opportunity that you are interested in and it is not on the weekly RCA newsletter list or on our [limited submissions website](#), we ask that you please send a notification about the program to [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu). Proposals run the risk of being returned by the funding agencies when the limited submission requirements are not followed.

## 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).

- [Retirement Research Foundation](#)  
*Notification Deadline: 01/20/2021*
- [FFAR New Innovators in Food and Agriculture](#)  
*Notification Deadline: 01/28/2021*
- [HRSA: Emerging Issues in Maternal and Child Health](#)  
*Notification Deadline 01/28/2021*
- [NSF: Enabling Quantum Leap](#)  
*Notification Deadline 02/10/2021*
- [NIH Research Education: Biomedical Engineering](#)  
*Notification Deadline: 02/15/2021*
- [NIH Research Education: Genomic Research for Data Scientists](#)  
*Notification Deadline: 03/09/2021*
- [NIH Research Education: Enhancing STEM Educational Diversity](#)  
*Notification Deadline: 03/09/2021*

There are a number of limited submission grant programs with upcoming agency deadlines for which we did not receive any notifications of interest. For those

interested in applying to the programs listed below, 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](mailto:ndsu.researchdev@ndsu.edu).

- [CDC: Reducing Inequities in Cancer Outcomes through Community-Based Interventions on Social Determinants of Health](#)  
Agency deadline: February 10, 2021
- [NEA: Grants for Arts Projects](#)  
Agency deadline: February 11, 2021
- [NSF: Ethical and Responsible Research](#)  
Agency deadline: February 22, 2021
- [USDA-NIFA: Biotechnology Risk Assessment](#)  
Agency deadline: February 24, 2021
- [NSF: Scholarships in STEM](#)  
Agency deadline: April 7, 2021

## FUNDING OPPORTUNITIES

- [DOT: Pipeline Safety Research Competitive Academic Agreement Program](#)
- [FFAR: 2021 New Innovators in Food and Agriculture Research Award](#)
- [HRSA: Emerging Issues in Maternal and Child Health](#)
- [NEH: Institutes for Advanced Topics in Digital Humanities](#)
- [NIH: HEAL Initiative – Stemming the Opioid Crisis](#)
- [NIH: Research Education Programs](#)
- [NIH: Substance Use Prevention and Treatment](#)
- [NIJ: Research and Evaluation on Violence Against Women](#)
- [NPS: Preservation Technology and Training](#)
- [NSF DCL: Pilot Projects for Cyberinfrastructure CoEs](#)
- [NSF: Enabling Quantum Leap](#)
- [NSF: Future of Work at the Human-Technology Frontier](#)
- [NSF: Industry-University Cooperative Research Centers](#)
- [NSF: Integrative Research in Biology](#)
- [Retirement Research Foundation](#)
- [US / Canada joint projects in Democracy, Economics, Higher Ed, and Defense](#)
- [USDA-NIFA: Supplemental and Alternative Crops](#)

## EVENTS

- [University-Industry Demonstration Partnership: Avery Dennison Materials Science Partnership](#)
  - [SBIR / STTR Informational Webinars](#)
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## DOT: Pipeline Safety Research Competitive Academic Agreement Program

The Department of Transportation (DOT) Pipeline and Hazardous Materials Safety Administration (PHMSA) is requesting applications for the [Competitive Academic Agreement Program \(CAAP\)](#) to research innovative solutions in three pipeline safety topic areas:

1. Remote Monitoring Technology;
2. Artificial Intelligence-Automation Solutions; and
3. Underground Natural Gas Storage (UNGS) Leak Identification and Well Control Solutions.

**This program requires cost-share.**

*Deadline for Questions: February 23, 2021*

*Application deadline: March 9, 2021*

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## FFAR: 2021 New Innovators in Food and Agriculture Research Award – Limited Submission Program

[Limited submission grant programs](#) are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

**FFAR New Innovators : [Notify RCA](#) by 01/28/2021, 5:00 p.m. if you are interested in submitting to this program; pre-applications are due 02/04/2021 (see instructions below).**

The Food and Agricultural Research (FFAR) [New Innovator in Food and Agriculture Research Award](#) provides early-career scientists the investment needed to propel them into successful research careers. These awards allow the grantees to focus exclusively on research without the pressure of securing additional funding.

Eligible faculty members are in the first three years of their scientific career and are within eight years of receiving their Ph.D. *Faculty with significant research experience prior to obtaining a faculty position will not be considered.* Eligible candidates must also conduct research that aligns with one of the FFAR Challenge Areas:

- Advanced Animal Systems
- Health-Agriculture Nexus
- Next Generation Crops
- Soil Health
- Sustainable Water Management
- Urban Food Systems

**If you are eligible for this program and would like to be considered, please follow the process outlined below.**

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**Thursday, January 28, 2021:** Notifications of interest are due to [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu) by 5pm CT.

**Thursday, February 4, 2021:** NDSU pre-applications are due to [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu) by 5pm CT. Pre-applications should be prepared as indicated below and emailed as a single pdf file to [ndsu.researchdev@ndsu.edu](mailto:ndsu.researchdev@ndsu.edu). Following a review of pre-applications received, one nominee will be selected.

**Pre-applications should include the following:**

- Cover Sheet – include name, department, date of hire in a tenure-track or equivalent position, name of nominator, and applicable FFAR Challenge Area.
- Provide a brief description of your research program (300 words or less).
- Provide a brief statement on the innovative nature of your research / how you are outstanding in your field (500 words or less).
- Curriculum Vitae

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## **HRSA: Emerging Issues in Maternal and Child Health - Limited Submission Program**

Limited submission grant programs are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

**HRSA MCH : Notify RCA by 01/28/2021, 5:00 p.m. if you are interested in submitting to this program.**

This funding opportunity [[HRSA-21-080](#)] is a mechanism to support capacity-strengthening activities that will improve state- and / or local-level organizations' abilities to address emerging issues that threaten the health and well-being of MCH populations in an effective, timely manner. For the purposes of this opportunity, MCH populations include the following groups: women, children (birth to 21), children with special health care needs (CSHCN), adolescents, and families. Recipients will implement a set of activities under at least one of the three capacity strengthening areas below and through these activities address an emerging issue specific to their state or local community.

Capacity Areas:

1. Data and Informational Systems
2. Workforce Development
3. Strategic Partnerships

“Emerging issues” refers to issues that affect MCH populations at an increased rate, for which there is new knowledge or an increased level of awareness of, or there are new approaches to solving the issue. You will select an emerging issue specific to the needs of your state or local community. Examples of emerging issues include, but are not limited to, increasing rates of opioid and other substance use disorders, emergent environmental health threats, persistent or increasing disparities in maternal mortality, inadequate availability of and access to behavioral health services, disparities in access to health services for CSHCN, and declining immunization coverage. You are encouraged to utilize your state’s needs assessment report at the [Title V Information System \(TVIS\)](#) to inform the selection of an appropriate emerging issue.

**LIMITED SUBMISSION:** NDSU may only submit one application.

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## NEH: Institutes for Advanced Topics in Digital Humanities

The [Institutes for Advanced Topics in the Digital Humanities](#) program supports national or regional (multistate) training programs for scholars, humanities professionals, and advanced graduate students to broaden and extend their knowledge of digital humanities. Through this program NEH seeks to increase the number of humanities scholars and practitioners using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities.

Applicants may apply to create institutes that are a single opportunity or are offered multiple times to different audiences. Institutes may be as short as a few days or as long as six weeks and held at a single site or at multiples sites; virtual institutes are also permissible. Training opportunities could be offered before or after regularly occurring scholarly meetings, during the summer months, or during appropriate times of the academic year. The duration of a program should allow for full and thorough treatment of the topic; it should also be appropriate for the intended audience.

These professional development programs may focus on a particular computational method, such as network or spatial analysis. They may also target the needs of a

particular humanities discipline or audience.

*Application Deadline: March 2, 2021*

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## **NIH: HEAL Initiative – Stemming the Opioid Crisis**

The Helping to End Addiction Long-term Initiative, or [NIH HEAL Initiative](#), is a trans-agency effort to speed scientific solutions to stem the national opioid public health crisis. The initiative currently has a number of open funding opportunities, including:

- HEAL Initiative: HEALTHy Brain and Child Development
- HEAL Initiative: Integrative Management of chronic Pain and OUD for Whole Recovery
- HEAL Initiative: Optimizing Multi-Component Service Delivery Interventions for People with Opioid Use Disorder, Co-Occurring Conditions, and / or Suicide Risk

[See the full list of HEAL Initiative Funding Opportunities >>](#)

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### **NIH Research Education Programs (R25)**

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. There are multiple upcoming R25 program deadlines, some of which are [limited submission programs](#). See below for details.

#### **Biomedical Engineering Education [PAR-19-215]**

Applications are encouraged from institutions that propose to establish new or to enhance existing team-based design courses or programs in undergraduate biomedical engineering departments or other degree-granting programs with biomedical engineering tracks / minors.

*Limited Submission Program: [Notify RCA](#) by 02/15/2021, 5:00 p.m. if you are interested in submitting to this program.*

#### **Biostatistics and Data Science [RFA-HL-22-09]**

This opportunity will support creative educational activities with a primary focus on



courses for skills development.

*Deadline: March 8, 2021*

**Genomic Research for Data Scientists [PAR-21-075]**

This opportunity will support creative educational activities with a primary focus on research experiences.

*Limited Submission Program: [Notify RCA](#) by 3/9/2021, 5:00 p.m. if you are interested in submitting to this program.*

**Enhancing STEM Educational Diversity [PAR-20-223]**

This opportunity will support creative educational activities with a primary focus on courses for skills development and research experiences for undergraduate freshmen and sophomores from diverse backgrounds.

*Limited Submission Program: [Notify RCA](#) by 3/9/2021, 5:00 p.m. if you are interested in submitting to this program.*

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## NIH: Substance Use Prevention and Treatment

The National Institutes of Health has several recently announced funding opportunities related to substance use treatment and prevention.

- [\[PA-21-110\]](#) **Pilot and Feasibility Studies in Preparation for Substance Use Prevention Trials** (R34 Clinical Trial Optional)  
*Upcoming deadlines for this program: February 16, 2021; June 16, 2021; October 16, 2021*
- [\[RFA-DA-21-015\]](#) / [\[RFA-DA-21-016\]](#) **Novel Approaches to Decrease Stigma of Substance Use Disorders in order to Facilitate Prevention, Treatment, and Support During Recovery**  
*Deadline: February 26, 2021*
- [\[RFA-DA-21-031\]](#) / [\[RFA-DA-21-032\]](#) **Digital Technologies to Address the Social Determinants of Health in Context of Substance Use Disorders (SUD)**  
*Deadline: February 26, 2021*

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## **NIJ: Research and Evaluation on Violence Against Women**

With this solicitation [[O-NIJ-2021-45009](#)], NIJ seeks proposals for rigorous research and evaluation projects to support the development of objective and independent knowledge and validated tools to reduce violence against women (VAW) (including violence against elderly women and American Indian and Alaska Native women and girls), promote justice for victims of crime, and enhance criminal justice responses. For that reason, this solicitation seeks applications for grant funding to conduct research and evaluation projects examining a broad range of topics, including the crimes of domestic and family violence, homicide, intimate partner and dating violence, rape, sexual assault, stalking, and sex trafficking, along with the associated criminal justice system response, procedures, and policies.

In Fiscal Year (FY) 2021, NIJ is interested in research responding to the following two priority areas:

1. evaluation research on VAW programs, models, practices, and
2. VAW research.

*Deadline: March 16, 2021*

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## **NPS: 2021 Preservation Technology and Training Grants**

2021 Preservation Technology and Training Grants ([PTT Grants](#)) are intended to create better tools, better materials, and better approaches to conserving buildings, landscapes, sites, and collections. The PTT Grants are administered by the National Center for Preservation Technology and Training (NCPTT), the National Park Service (NPS) innovation center for the preservation community.

PTT Grants will support the following activities:

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

Deadline: March 15, 2021



## NSF DCL: Pilot Projects for Cyberinfrastructure Centers of Excellence

The [Cyberinfrastructure Centers of Excellence \(CI CoE\) program](#) within the Office of Advanced Cyberinfrastructure (OAC) was established to nurture the development of CoEs across the range of CI areas supported by OAC. The CI CoE program thus supports **pilot projects** to conceptualize or demonstrate the feasibility of eventual full-scale CoEs that aim to address identified, targeted CI needs of the science, engineering and education communities supported by NSF.

OAC-supported CI CoEs are *service-oriented* hubs of expertise and innovation targeting specific areas, aspects, or stakeholder communities, with the aims of driving advancements, expanding utilization, and improving efficiency of the national research CI ecosystem through structured, strongly community-engaging and community-serving approaches. CI CoEs provide expertise and services related to CI technologies and solutions; gather, develop, and communicate community best practices; and serve as readily available resources for both the research community and the CI community.

While scientific relevance and technical innovation are integral to successful CI CoE activities, the CI CoE program *does not support* CI or domain science research, nor does it fund projects aimed to benefit single research domains, disciplines, or fields. Principal investigators (PIs) interested in pursuing such ideas should consider other OAC funding programs such as the OAC Core Research and Cyberinfrastructure for Sustained Scientific Innovation (CSSI) programs or other NSF funding programs as appropriate. OAC does not support industry activities with commercial aims.

**Focus Areas.** NSF encourages proposals to the CI CoE program for early-stage *concept definition studies* and *demonstration pilot* projects as preparatory precursor activities towards potential full-scale CI CoEs, specifically in the following topical areas:

- Architecting and operating research CI ecosystems at regional, national, and international scales;
- CI learning and workforce development;
- Campus-centric networking and cyberinfrastructure;

- Software and data infrastructure practices and transition to production.

For more information and instructions for responding, read the full [Dear Colleague Letter \(DCL\)](#).

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## **NSF: Enabling Quantum Leap - Quantum Interconnect Challenges for Transformational Advances in Quantum Systems – Limited Submission Program**

[Limited submission grant programs](#) are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

**NSF QuIC-TAQS : [Notify RCA](#) by 2/10/2021, 5:00 p.m. if you are interested in submitting to this program.**

The **Quantum Interconnect Challenges for Transformational Advances in Quantum Systems (QuIC - TAQS)** program [[NSF 21-533](#)] is designed to support interdisciplinary teams that will explore highly innovative, original, and potentially transformative ideas for developing and applying quantum science, quantum computing, and quantum engineering in the specific area of quantum interconnects. Quantum interconnects are an integral part of all aspects of quantum information science. Proposals should have the potential to deliver new concepts, new platforms, and / or new approaches that will implement the transfer of quantum states efficiently across platforms and over large length scales. Progress in the area of quantum interconnects will enable breakthroughs in quantum sensing, quantum communications, quantum simulations, and quantum computing systems. This Quantum Interconnect Challenges solicitation will support the process of translating such ideas into reality.

This solicitation calls for proposals focused on interdisciplinary research that enhances the development of quantum interconnects (QuIC) that would allow the transfer of quantum states between different physical states and / or different

physical systems. Proposals must articulate how the project leverages and / or promotes advances in quantum interconnects. Proposals should be innovative and must focus on quantum functionality and must result in experimental demonstrations and / or transformative advances towards quantum systems and / or proof-of-concept validations. Competitive proposals will come from an interdisciplinary research team led by at least three investigators who collectively contribute synergistic expertise from expertise from a subset of the following domains: engineering, mathematics, computational science, computer / information science, physical, chemical, biological, material science. Proposals will be judged on how likely the integrated effort is to lead to transformative advances in quantum interconnection.

**LIMITED SUBMISSION:** Only one preliminary proposal may be submitted per lead institution.

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## NSF: Future of Work at the Human-Technology Frontier

The specific objectives of the Future of Work at the Human-Technology Frontier program [NSF 21-548] are to:

1. facilitate multi-disciplinary or convergent research that employs the joint perspectives, methods, and knowledge of behavioral science, computer science, design, economics, engineering, learning sciences, research on adult learning and workforce training, and the social sciences;
2. support deeper understanding of the societal infrastructure that accompanies and leads to new work technologies and new approaches to work and jobs, and that prepares people for the future world of work;
3. encourage the development of a research community dedicated to designing intelligent technologies and work organization and modes inspired by their positive impact on individual workers, the work at hand, the way people learn and adapt to technological change, creative and inclusive workplaces (including remote locations, homes, classrooms, or virtual spaces), and benefits for social, economic, educational, and environmental systems at different scales;
4. promote deeper basic understanding of the interdependent human-technology partnership to advance societal needs by advancing design of intelligent work

technologies that operate in harmony with human workers, including consideration of how adults learn the new skills needed to interact with these technologies in the workplace, and by enabling broad and diverse workforce participation, including improving accessibility for those challenged by physical or cognitive impairment; and

5. understand, anticipate, and explore ways of mitigating potential risks including inequity arising from future work at the human-technology frontier.

Proposals to this program should describe multi-disciplinary or convergent research that addresses technological, human, and societal dimensions of future work. Technological innovations should be integrated with advances in behavioral science, computer science, economic science, engineering, learning sciences, research on adult learning and workforce training, and the social sciences. Proposals that address the impact of large-scale disruptions such as the Covid-19 pandemic on the future of jobs and work are also of interest.

*Deadline: March 23, 2021*

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## **NSF: Industry-University Cooperative Research Centers**

The Industry-University Cooperative Research Centers (IUCRC) program [[NSF 20-570](#)] provides a structure for academic researchers to conduct fundamental, pre-competitive research of shared interest to industry and government organizations. These organizations pay membership fees to a consortium so that they can collectively envision and fund research, with at least 90% of Member funds allocated to the direct costs of these shared research projects.

IUCRCs are formed around research areas of strategic interest to U.S. industry. Industry is defined very broadly to include companies (large and small), startups and non-profit organizations. Principal Investigators form a Center around emerging research topics of current research interest, in a pre-competitive space but with clear pathways to applied research and commercial development. Industry partners join at inception, as an existing Center grows or they inspire the creation of a new Center by recruiting university partners to leverage NSF support. Government agencies participate in IUCRCs as Members or by partnering directly with NSF at the strategic level.

Universities, academic researchers, and students benefit from IUCRC participation through the research funding, the establishment and growth of industry partnerships, and educational and career placement opportunities for students. Industry Members benefit by accessing knowledge, facilities, equipment, and intellectual property in a highly cost-efficient model; leveraging Center research outcomes in their future proprietary projects; interacting in an informal, collaborative way with other private sector and government entities with shared interests; and identifying and recruiting talent. NSF provides funding to support Center administrative costs and a governance framework to manage membership, operations, and evaluation.

Successful IUCRCs require:

- A capable research / management team with an entrepreneurial mindset;
- Universities, faculty, and students interested in engaging in research of interest to industry;
- A community of industry partners seeking pre-competitive, use-inspired research projects.

Each IUCRC is expected to grow and become independently sustainable by the end of the NSF support.

See also: NSF DCL – [Catalyzing Industry-University Collaboration in Chemical Research through IUCRCs.](#)

*Pre-proposal deadline (required for Planning Grants): March 10, 2021*

*Full proposal deadline: June 9, 2021*

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## **NSF: Integrative Research in Biology**

This solicitation [[NSF 21-543](#)] invites submission of collaborative proposals that tackle bold questions in biology and require an integrated approach to make substantive progress. Integrative biological research spans subdisciplines and incorporates cutting-edge methods, tools, and concepts from each to produce groundbreaking biological discovery. The research should be synergistic and produce novel, holistic understanding of how biological systems function and interact across different scales of organization, e.g.,

from molecules to cells, tissues to organisms, species to ecosystems and the entire Earth. Such knowledge is critical to inform solutions to societal challenges, including natural resource management, resilience to environmental change, and global food security. Outcomes from integrative research will also inform and guide the development of new technologies that drive the nation's bioeconomy.

Integrative biological research depends on researchers who work in dynamic, diverse, and collaborative interdisciplinary teams. These teams should be fully engaged in the training and education of the next generation of scientists who will be future leaders in integrative research. A vibrant, inclusive, and integrative training environment will therefore produce a new generation of researchers who can navigate across subdisciplines and engage in integrative thinking.

*Deadline: March 16, 2021*

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## **Retirement Research Foundation: Research Grants – Limited Submission Program**

Limited submission grant programs are those that indicate a limit on the number of proposals that may be submitted by an institution for a particular deadline. A selection process becomes necessary if more applicants express interest in applying than NDSU is allowed to submit to the grant program.

**RRF : Notify RCA by 01/20/2021, 5:00 p.m. if you are interested in submitting to this program.**

The Retirement Research Foundation (RRF) funds research that seeks to identify interventions, policies and practices to improve the well-being of older adults and / or their caregivers. Preference is given to projects aimed at generating practical knowledge and guidance that can be used by advocates, policy-makers, providers, and the aging network. Of particular interest are:

- Interventional trials; translational studies; and health services and policy research;



- Projects that build on the investigator's past studies;
- Proposals that include robust dissemination plans, if appropriate, to assure that findings reach audiences positioned to act on them.

**LIMITED SUBMISSION:** Only one proposal / letter of inquiry is allowed per department per grant cycle.

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## US / Canada joint projects in Democracy, Economics, Higher Ed, and Defense

The Public Affairs Section (PAS) of the U.S. Embassy and Consulates in Canada, U.S. Department of State, announces an open competition for individuals and organizations to submit applications to carry out **virtual** programs to strengthen bilateral ties between the United States and Canada on the following topics:

- [Democracy, Diversity, and Human Rights](#);
- [Trade, Investment and Economy](#);
- [Higher Education and STEM](#);
- [Countering Malign Influences](#); and
- [Defense Partnership](#).

*There are multiple upcoming deadlines; the next is March 1, 2021*

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## USDA-NIFA: Supplemental and Alternative Crops

The [Supplemental and Alternative Crops \(SAC\)](#) Competitive Grants Program will support projects that lead to expanded adaptation and increased acres in the United States of canola grown for oil and industrial hemp grown for value added products. The SAC supports the breeding, testing, and development of superior performing canola and industrial hemp varieties and production practices that result in improved cost efficiencies, reduced grower risks, and wider use in production systems. Research results and technology developed are expected to be rapidly transferred to producers and other users through effective extension outreach and other engagement efforts.

Deadline: March 31, 2021

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## University-Industry Demonstration Partnership: Avery Dennison Open Innovation

[Avery Dennison](#) is a global materials science and manufacturing company specializing in the design and manufacture of a wide variety of labeling and functional materials. The company is seeking collaborative partnerships with university or industry researchers on the cutting edge of packaging design, with specific interest in three areas:

- sustainable materials and processes for labels;
- intelligent label, where labels can store and capture information and wirelessly transmit data; and
- digital ID: Provide a unique identification to each label.

With operations in more than 50 countries and 30,000 employees worldwide, Avery Dennison products are used in nearly every major industry.

[Register](#) for this free webinar about how to partner with Avery Dennison for future materials and products that serve an ever-changing marketplace.

Wednesday, January 20, 2021 / 11:00am

[Learn more >>](#)

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## SBIR / STTR Webinars from SHARPhub

[SHARPhub](#), an NIH-funded program to assist in translating bioscience discoveries into startup companies, is offering multiple free webinars on SBIR / STTR programs.

**SBIR / STTR Proposal Prep for NIH** - Monday, January 25 from 8:30 am to 1:00 pm CST  
Learn about differences between SBIR and STTR, review how to navigate the NIH's SBIR website to research awarded projects, how to prepare an SBIR proposal, and how to avoid common pitfalls.

REGISTER: <https://bit.ly/3fG7h4E>

**Commercializing your research through SBIR / STTR Proposals** - Wednesday, February 10

from 8:30 am to 1:00 pm CST

Learn about essential components of an effective plan, how to find and use cost-effective market research to direct your efforts, supporting documents you will need, and other tips for writing a winning plan.

**REGISTER:** <https://bit.ly/2JfNCvZ>

**Q&A session for NIH workshop attendees** – Thursday, February 4 from 8:30 to 9:30 am CST

SBIR / STTR virtual training attendees will have the opportunity to ask questions to BBCetc consultants regarding their specific proposal. *Please note that you must have attended training on January 14th and Jan 25th to be able to take advantage of this session.*

**Cuss and Discuss** - March 12 from 9 to 10:30 am CST

Meet others planning to submit SBIR / STTR proposals to NIH, sharing challenges and learning from others.

**REGISTER:** <https://bit.ly/371phUf>

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

[Contact Us](#)



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*The Office of Research and Creative Activity (RCA) sends weekly emails to NDSU faculty and staff to provide current information on various topics including funding opportunities, grant program changes, research resources, deadlines, notices, and training.*

*You are receiving this notification through the NDSU official employee listserv or sub-list. The official listserv refreshes after each pay period.*

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