February 6, 2023

Meet one of NDSU's new faculty researchers:
SANDRO STEINBACH, PhD
Agribusiness and Applied Economics

What are your primary research and scholarly interests?
My primary research and scholarly interests are in agricultural policy and international trade. I also work on issues related to veterinary economics and management, food policy, human and animal health, and the environment.

Where are you from and where did you pursue your education?
I grew up Southeast of Berlin in Germany. I obtained degrees from Humboldt University in Berlin, UC Davis, and ETH Zurich.

What excites you about NDSU?
I am excited to engage with different stakeholders at NDSU and in North Dakota. I enjoy collaborative and interdisciplinary research and NDSU offers many opportunities to engage in such activities with peers, students, and stakeholders.

What motivates you?
I am naturally curious, and my curiosity has always driven me. Curiosity gets me excited. Curiosity leads to innovation, new jobs, and societal progress.

If you could have coffee / tea with anyone, who would it be?
My grandfather, who died during Covid, and we could not visit for the last time because of U.S. travel bans for foreign citizens at that time.

If you could time travel, where would you go?
Ancient Greece.

What was your first job?
I worked as a combine operator for a large agricultural cooperative in Eastern Germany.

What does your very best day include?
Enjoying a river trail hike with my kids.

What's your favorite quote?
"Research is what I am doing when I do not know what I am doing." Wernher von Braun

Are you a new researcher at NDSU?

RCA welcomes Lauren Bittara

Lauren Bittara joins the RCA team as a research development coordinator. A member of the Research and Faculty Development unit, Lauren is responsible for providing support to NDSU researchers as they compete for external funding while providing resources, training, and assistance related to developing successful research programs.

Lauren's experience includes a focus in the laboratory, genetics, brand protection and IP rights. She earned a BS in microbiology and an MS plant pathology (both from NDSU).

Lauren previously worked at Incopro/Corsearch on pharma and cosmetic brands IP rights protection. Before that, she worked at Concordia College as Lead Lab Technician, at NDSU in the Plant Diagnostic Lab and in the Plant Pathology department in the Greenhouse and field.

Welcome Lauren!

Spotlight on Research Integrity & Compliance

Q: I got an email from Novelution saying I'm missing CITI training. How can I see what I'm missing?

A: First select Requirements from Panel Shortcuts in the protocol, then hover over the blue circle with question mark by each individual's name. This provides the list of missing training(s) for each individual.

REMEMBER: training is a HARD STOP for the approval process.

We're Hiring: ND EPSCoR Executive Director

WE'RE SEARCHING FOR THE NEXT ND EPSCOR EXECUTIVE DIRECTOR

This person will lead the state office and help facilitate and build existing relationships with state partners, support the current project, and help guide the new State Science and Technology Plan and the development of the new RII Track-1 proposal (expected to be submitted in Summer 2024).

We are especially interested in candidates with exceptional relationship-building and listening skills; a robust record of equitable partnerships with Tribal Colleges and Universities; and excellent strengths in communication within and across groups with differing expertise and priorities.

LEARN MORE AND APPLY

Full consideration will be given to candidates who submit application materials by end of day February 19, 2023.

Learn more and apply>>

Open Forums: Undergraduate Research Director

The Office of Research and Creative Activity's faculty Undergraduate Research Director will develop campus-wide undergraduate research and creative initiatives as well as manage and serve as the project lead on an undergraduate research program funded by the NIH INBRE program.

Three faculty applicants for this position will give presentations on the topic of gaps and opportunities in existing support for undergraduate research and creative activity, as well as a vision to build out campus-wide infrastructure and

programming for undergraduate research. We invite you to attend these presentations, either in person or online:

- **Ying Huang, PhD,** *Associate Professor, Civil, Construction, and Environmental Engineering*
  Monday, February 6, 2023 / 11:00am / Morrill Hall, Room 103

- **Stephanie Day, PhD,** *Associate Professor and Chair, Earth, Environmental, and Geospatial Science*
  Thursday, February 9, 2023 / 11:00am / FLC, Room 124

- **Jason Harmon, PhD,** *Professor, School of Natural Resource Sciences*
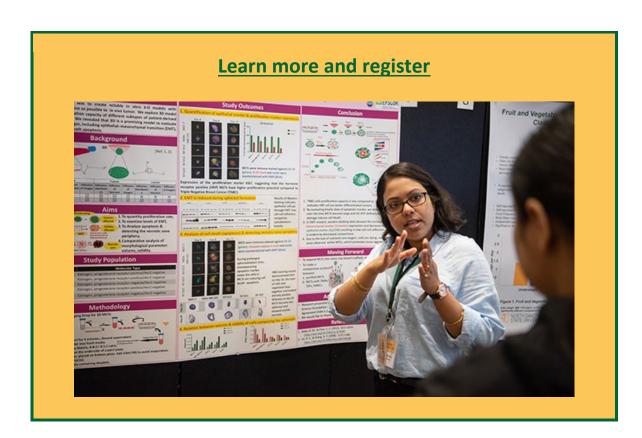 **Friday, February 10, 2023 / 11:00am / Morrill Hall, Room 103**

Candidate CVs, presentation recordings, and Zoom link available here.

Registration is now open!

STUDENT RESEARCH DAY

April 18, 2023

NDSU Student Research Day is a collaboration among NDSU EXPLORE, Gamma Sigma Delta, and the Graduate Student Council. Students in all disciplines are encouraged to present their research and creative activity at one of these events!

Students share their research in 180 seconds for a chance to win $1,000

3 MINUTE THESIS COMPETITION
GRADUATE SCHOOL

LIVE CHAMPIONSHIP ROUND
FEBRUARY 16, 2023

Memorial Union » Open to the public

OPEN HOUSE
NDSU Core Biology and Tissue Culture Facilities

The NDSU Center for Protease Research cordially invites you to an open house for the Core Biology and Tissue Culture Facilities.

You are welcome to stop by and see how the facility can assist you in your research program.

Free use of Equipment
There will be a period of free use of data collection equipment (listed below) from 8:00 am -1:00 pm.

- iBright
- Nanodrop
- RT-PCR
- Flow Cytometer
- Microplate reader

Note: Data collected during this time may be used as examples of facility capabilities during the open house.

Thursday, February 16, 2023
1:00 - 3:00 PM | QBB 316/354

Rural Innovation Series

The Jamestown Regional Entrepreneur Center is a nonprofit organization offering free entrepreneurship events, customized training, and individual technical assistance to assist with starting and building a business.

JAMESTOWN
REGIONAL
ENTREPRENEUR
CENTER

Upcoming sessions in The Rural Innovation Series feature information and strategies about developing and bringing new ideas to market.

1. **Bringing a New Product Idea to Market – Rural Innovation Series**
   February 8, 5:00 pm - 6:00 pm

2. **SBIR/STTR: Federal Funding for Your Innovative Idea – Rural Innovation Series**
   February 21, 5:00 pm - 6:00 pm

Both sessions are free to attend.

Upcoming Events at a Glance

- **Webinar: New NSF Program – Manufacturing Systems Integration**
  February 7, 2023; 9am | *Learn more >>*
- **Webinar: Writing your First NIH R01**
  February 7, 2023; 1pm | *Learn more >>*
- **Bringing a New Product Idea to Market (Rural Innovation Series)**
  February 8, 2023 / *Learn more >>*
- **Virtual Workshop: How to Pursue Funding From Mission Agencies**
  February 15, 2023; Noon-1:30pm | *Learn more >>*
- **SBIR/STTR: Federal Funding for Your Innovative Idea (Rural Innovation Series)**
  February 21, 2023 / *Learn more >>*
- **Webinar: NSF CAREER – Educational Activities & Broader Impacts**
  February 23, 2023; 11am-12pm | *Learn more >>*

- **NDSU Three Minute Thesis Competition**
  Live Championship Round February 16, 2023 | *Learn more >>*
- **Save the Date: Student Research Day**
  April 18, 2023 | *Learn more >>*
- **Save the Date: Virtual Workshop: Pursuing Funding for Education Research**
  April 19, 2023; Noon-1:30pm | *Learn more >>*

Reminder: Updates to NIH and NSF proposal guides

- On January 25, 2023, the National Institutes of Health transitioned to the new **FORMS-H Grant Application Forms and Instructions**. *Learn more >>*

- On January 20, 2023, the National Science Foundation transitioned to a new **Proposal and Award Policies and Procedures Guide**, which includes mandatory changes to biosketches and current and pending support. *Learn more >>*

NIH: Data Management and Sharing (DMS) Policy

The DMS Policy applies to all NIH research, funded or conducted in whole or in part by NIH, that results in the generation of scientific data. Note that the DMS Policy does **not** apply to research and other activities that do not generate scientific data, for example: research training, fellowships, infrastructure development, and non-research activities.

DMS Plans should describe how data will be managed and appropriately shared. See Writing a Data Management & Sharing Plan for details, sample Plans, and an

optional format page which includes [six elements recommended](#) to be included in a Data Management and Sharing Plan. Guidance on [planning and budgeting](#) and [selecting a data repository](#) are available on the [NIH Scientific Data Sharing website](#). [Application Guide](#) instructions have been updated to provide instructions for DMS policy implementation.

To assist with implementing the DMS Policy, NIH has developed a number of helpful resources that we encourage investigators to review:

- [DMS Policy Overview](#)
- [DMS Policy FAQs](#)
- [Learning Resources](#) including 2-part webinar series on DMS Policy
- [Statements and Guide Notices](#)

Funding Opportunities

- [AHRQ: Small Research Projects to Advance the Science of Primary Care](#)
- [APS: Phillips Fund for Native American Research](#)
- [Bayer Crop Sciences](#)
- [DoD: Fiscal Year 2023 Science, Technology, Engineering and Mathematics (STEM) Program](#)
- [DoD: Peer Reviewed Medical Research Program](#)
- [DOE: Scientific Machine Learning for Complex Systems - **LIMITED**](#)
- [DOJ: NIJ FY23 W.E.B. Du Bois Program of Research on Reducing Racial and Ethnic Disparities in the Justice System](#)
- [NDSU Foundation Grants](#)
- [NEA: Research Grants in the Arts](#)
- [NIH: Time-Sensitive Research in Environmental Health Sciences](#)
- [NSF: Future Manufacturing](#)
- [NSF: Future of Semiconductors (FuSe)](#)
- [NSF: IUSE/ Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED) **– LIMITED**](#)
- [NSF: Molecular Foundations for Biotechnology](#)
- [NSF: Partnerships for Innovation **– LIMITED**](#)
- [RWJF: Healthy Eating Research](#)

- [Spencer Foundation: Research Grants on Education - Small](#)
- [USAID: Comprehensive Action for Climate Change Initiative](#)
- [USDA: Beginning Farmer and Rancher Development 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.

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

- [NIH: Alzheimer's Disease Research Centers](#)
  Notification deadline: 02/14/2023
- [NSF: Partnerships for Innovation](#)
  Notification deadline: 02/15/2023
- [NSF: Quantum Sensing Challenges for Transformational Advances in Quantum Systems](#)
  Notification deadline: 02/15/2023
- [NSF: IUSE/ Professional Formation of Engineers: Revolutionizing Engineering Departments](#)
  Notification deadline: 02/22/2023

There are a number of limited submission grant programs with upcoming agency deadlines for which we did not receive any notifications of interest. For these programs, marked "First to Notify," approval to move forward with a full proposal submission to the funder will be given on a first come, first served basis.

- [DOE: Reaching a New Energy Sciences Workforce - Advanced Scientific Computing](#)
  Pre-application deadline: 02/21/2023
- [DOE: Reaching a New Energy Sciences Workforce - High Energy Physics](#)
  LOI deadline: 02/21/2023

- NSF: Major Research Instrumentation – Track 2 – proposals requesting $1.4M-$4M
  Deadline: 02/21/2023
- NSF: Major Research Instrumentation – Track 3 – purchase, installation, operation, and maintenance of equipment and instrumentation to conserve or reduce the consumption of helium.
  Deadline: 02/21/2023
- NSF: Advanced Computing Systems & Services
  Deadline: 02/23/2023
- NSF: Strengthening the Cyberinfrastructure Professionals Ecosystem
  Deadline: 02/23/2023
- DOE: Distributed Resilient Systems
  Deadline: 02/24/2023
- Graham Foundation: Architecture and the Designed Environment
  Deadline: 02/25/2023
- DOE: Scientific Machine Learning for Complex Systems
  Pre-application deadline: 03/01/2023
- NSF: Scholarships in STEM (S-STEM) – New Solicitation
  Deadline: 03/02/2023
- HRSA: Rural Communities Opioid Response Program-Neonatal Abstinence Syndrome
  Deadline: 03/08/2023
- DOE: Energy Innovation Hub Program: Research to Enable Next-Generation Batteries and Energy Storage
  Pre-application deadline: 03/09/2023
- NSF: Expanding Capacity in Quantum Information Science and Engineering
  LOI deadline: 03/10/2023
- Breast Cancer Alliance: Exceptional Projects Grants
  LOI deadline: 03/31/2023
- Breast Cancer Alliance: Young Investigator Grants
  LOI deadline: 03/31/2023

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AHRQ: Small Research Projects to Advance the Science of Primary Care (R03)

The Agency for Healthcare Research and Quality (AHRQ) Small Research Grant Program supports small research projects that can be carried out in a short period of time with limited resources. This program supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

This funding opportunity [PA-23-115] aims to support small research projects that advance the understanding of the role and capacity of primary care to increase the value and quality of care and improve patient outcomes and population health by delivering person-centered care.

Deadline: June 16, 2023

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APS: Phillips Fund for Native American Research

The Phillips Fund of the American Philosophical Society provides grants for research in Native American linguistics, ethnohistory, and the history of studies of Native Americans, in the continental United States and Canada.

The grants are intended for such costs as travel, audio and video recordings, and consultants' fees. Grants are not made for projects in archaeology, ethnography, or psycholinguistics; for the purchase of permanent equipment; or for the preparation of pedagogical materials. The committee distinguishes ethnohistory from contemporary ethnography as the study of cultures and cultural change through time.

Deadline: March 1, 2023

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Bayer Crop Sciences

Bayer Crop Sciences has two new partnering opportunities for faculty:

Testing4Ag 2023: Novel compounds for early biological screening cascades

Bayer is interested in receiving small organic synthetic or fragment-like molecules - including natural products and their derivatives - from universities, research institutes, biotechs, CROs and pharmaceutical companies.

Grants4Ag 2023: Transformative approaches for next-gen Crop Protection
Bayer is interested in collaborating to identify novel starting points for crop science R&D, which includes finding tool compounds that could unlock new modes of action for control of fungal diseases, insect pests, or weeds as well as reducing the environmental impact of future products.

Deadline: March 31, 2023

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DoD: Fiscal Year 2023 Science, Technology, Engineering and Mathematics (STEM) Program

The Air Force Office of Scientific Research (AFOSR) seeks a broad range of applications for augmenting existing and/or developing innovative solutions that directly maintain and/or cultivate a diverse, world-class Science, Technology, Engineering and Mathematics (STEM) workforce to maintain the U.S. Air Force and Space Force's technological superiority. The goal of proposed efforts must provide solutions that establish, build, and/or maintain STEM educational pathways and workforce opportunities for diverse U.S. citizens directly relevant to AFOSR science and technology areas.

This FOA is specifically seeking STEM education and outreach projects that address scientific and technical areas identified in the following thrust areas. Project scope may range in size and complexity. While not a formal requirement or program focus of this FOA, applicants are strongly encouraged to consider under-represented and under-served populations including women and minorities in project plans. Special audience priority areas may include, but not be limited to, military connected students, veteran initiatives, and education systems integral to DAF science and technology.

Deadline: April 14, 2023

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DoD: Peer Reviewed Medical Research Program (PRMRP)

The Peer Reviewed Medical Research Program (PRMRP), supports research across the full range of science and medicine, with an underlying goal of enhancing the health, care, and well-being of military Service Members, Veterans, retirees, and their family members.

PRMRP is currently soliciting applications for six award mechanisms.

Topics of interest include Autoimmune Disorders and Immunology, Cardiovascular Health, Hemorrhage Control and Blood Products, Infectious Diseases, Internal Medicine, Neuroscience, Orthopaedic Medicine, and Respiratory Health. Consult the announcements for specific topics within these areas.

Deadlines vary by program.

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DOE: Scientific Machine Learning for Complex Systems - LIMITED

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

DOE ML for Complex Systems: Pre-applications are due to DOE on March 1, 2023. Notify RCA if you are interested in submitting to this program. Approval to submit will be given to the first four teams to notify.

High-performance computational models, simulations, algorithms, data from experiments and observations, and automation are being used to accelerate scientific discovery and innovation. Recent workshops, report, and strategic plans across the DOE have highlighted the research, development, and use of artificial intelligence and machine learning for science, energy, and security. Relevant domains include materials, environmental, and life sciences; high-energy, nuclear, and plasma physics; and the DOE Energy Earthshots Initiative, for examples. A 2018 Basic Research Needs workshop and report on scientific machine learning (SciML)

and AI identified six Priority Research Directions (PRDs) for the development of the broad foundations and research capabilities needed to address such DOE mission priorities.

LIMITED SUBMISSION: No more than four pre-applications as lead institution in a single- or multi-institutional team.

DOJ: NIJ FY23 W.E.B. Du Bois Program of Research on Reducing Racial and Ethnic Disparities in the Justice System

With this solicitation, the National Institute of Justice (NIJ) seeks applications for funding for investigator-initiated research examining how observed racial and ethnic disparities in the justice system might be reduced through public policy interventions at any point during the administration of justice from two categories of researchers:

Category 1: W.E.B. Du Bois Scholars - Researchers who are advanced in their careers (awarded a terminal degree at least seven years prior to December 31, 2022) may apply for grants for research, evaluation, and mentoring of less-experienced researchers.

Category 2: W.E.B. Du Bois Fellows - Researchers who are early in their careers (awarded a terminal degree within seven years of December 31, 2022) may apply for grants for research and evaluation.

NIJ will give special consideration to proposals with methods that include meaningful engagement with the people with lived experience of the subject of study; including, but not limited to, justice practitioners, community members, crime victims, service providers and individuals who have experienced justice system involvement.

Deadline: April 10, 2023

NDSU Foundation Grants

The Board of Trustees Endowment was established to support general programs across the campus.

The Centennial Endowment was established to support six critical areas defined within the Centennial Campaign: professorships, scholarships, biotechnology, faculty development, library, and cultural arts.

The Gordon A. Larson Foundation Fund was established to support competitive grants for agricultural research efforts conducted at NDSU.

The Library Endowment was established to support requests from any academic unit on campus for materials which would enhance the collections and/or operations of the University libraries.

The Carl A. and Jean Y. White Memorial Endowment for Agriculture Research was established to support faculty and research staff to encourage Agricultural research initiatives.

The Engebretson Family Research Fund was established to support the advancement of pharmaceutical research, by encouraging the discovery and development of new drug therapies and delivery systems.

Deadline: March 14, 2023 4:30pm

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NEA: Research Grants in the Arts

Research Grants in the Arts support research studies that investigate the value and/or impact of the arts, either as individual components of the U.S. arts ecology or as they interact with each other and/or with other domains of American life.

- With these guidelines, the National Endowment for the Arts (NEA) welcomes research proposals that address priority topics and possible questions as outlined in the agency's FY 2022-2026 research agenda. The priority topics are described below. Research area 1: The Arts' Impacts on Health, Education, and the Economy
- Research area 2: The Arts' Role in Community Transformation and Healing
- Research area 3: Diversity, Equity, Inclusion, and Accessibility in the Arts
- Research area 4: The Evolving Ecosystem of the Arts in the U.S.

Deadline: March 27, 2023

NIH: Time-Sensitive Research Opportunities in Environmental Health Sciences (R21 Clinical Trial Not Allowed)

This funding opportunity announcement (FOA) [RFA-ES-23-004] is intended to support novel environmental health research in which an unpredictable event or policy change provides a limited window of opportunity to collect human biological samples or environmental exposure data. The primary motivation of the FOA is to understand the consequences of natural and human-made disasters, emerging environmental public health threats, and policy changes in the U.S. and abroad. A distinguishing feature of an appropriate study is the need for rapid review and funding, substantially shorter than the typical NIH grant review/award cycle, for the research question to be addressed and swiftly implemented.

The shortened timeframe will be achieved by more frequent application due dates and expediting peer review, council concurrence and award issuance. The entire cycle, from submission to award, is expected to be within 4-6 months.

Upcoming deadlines: February 27, April 3, June 1, August 1

NSF: Future Manufacturing

The goal of Future Manufacturing is to support fundamental research and education of a future workforce to overcome scientific, technological, educational, economic, and social barriers in order to catalyze new manufacturing capabilities that do not exist today. Future Manufacturing imagines manufacturing decades into the future. It supports research and education that will enhance U.S. leadership in manufacturing by providing new capabilities for established companies and entrepreneurs, by improving our health, quality of life, and national security, by expanding job opportunities to a diverse STEM workforce, and by reducing the impact of manufacturing on the environment. At the same time, Future Manufacturing enables new manufacturing that will address urgent social challenges arising from climate change, global pandemics and health disparities, social and economic divides, infrastructure deficits of marginalized populations and communities, and environmental sustainability.

Future Manufacturing will require creative convergent approaches in science, technology and innovation, empirical validation, and education and workforce development. It will benefit from cross-disciplinary partnerships among scientists, mathematicians, engineers, social and behavioral scientists, STEM education researchers, and experts in arts and humanities to provide solutions that are equitable and inclusive.

Deadline: April 19, 2023

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NSF: Future of Semiconductors (FuSe)

The goal of this solicitation is to cultivate a broad coalition of researchers and educators from across science and engineering communities that utilizes a holistic, co-design approach to fundamental research and workforce education and training, to enable rapid progress in new semiconductor technologies.

The program seeks to fund research as well as curriculum and workforce development to improve science, technology, engineering, and mathematics (STEM) education at the nation's institutions of higher education, spanning two-year colleges and four-year universities and inclusive of minority-serving institutions, to advance semiconductor design and manufacturing. NSF encourages bold, potentially transformative activities that address future semiconductor manufacturing technical challenges and shortages in the skilled scientist, engineer, and technician workforce.

Deadline: April 24, 2023

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NSF: IUSE/ Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED) – LIMITED

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 IUSE/PFE:RED : Notify RCA **by February 22, 5pm if you are interested in submitting to this program.**

RED Two-Year Track: The RED Two-Year track supports projects that involve radically new approaches among multiple two-year institutions that result in structural changes beyond existing norms and principles. The goal of this track is to generate new knowledge on best practices for preparing engineering and engineering technology students for future professions and integrating professional skills into the curriculum at two-year institutions through supporting partnerships. The focus is expected to be on students who would transfer to accredited four-year engineering or engineering-technology institutions.

Strategies should be developed with impact on the student as the focus. Proposed efforts must be grounded in sound educational theory and work to enable a continuous progression of professional formation through the two-year experience. Efforts should address 21st Century T-shaped skills (i.e., cross-disciplinary breadth), and they should be aligned with stakeholder expectations.

LIMITED SUBMISSION: An eligible institution may submit a maximum of two proposals.

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NSF: Molecular Foundations for Biotechnology (MFB)

This MFB solicitation [NSF 23-554] calls for creative, cross-disciplinary research and technology development proposals to accelerate understanding of RNA function in complex biological systems and to harness RNA research to advance biotechnology.

The funding opportunity will be coordinated by the National Science Foundation together with the National Institutes of Health, National Human Genome Research Institute (NHGRI). The focus on RNA science advances (1) Biotechnology innovation for a sustainable, safe and secure American bioeconomy; (2) the NSF 2022-2026 Strategic

[Plan](#) to create new knowledge and benefit society by translating knowledge into solutions; and (3) the [NHGRI 2020 Strategic Vision](#) for improving human health at the Forefront of Genomics.

Letter of Intent deadline: March 16, 2023

NSF: Partnerships for Innovation (PFI) – LIMITED

[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 PFI – Research Partnerships Track : [Notify RCA](#) **by February 15, 5pm if you are interested in submitting to this program.**

[PFI](#) has five broad goals:
(1) identifying and supporting NSF-sponsored research and technologies that have the potential for accelerated commercialization;
(2) supporting prior or current NSF-sponsored investigators, institutions of higher education, and non-profit organizations that partner with an institution of higher education in undertaking proof-of-concept work, including the development of technology prototypes that are derived from NSF-sponsored research and have potential market value;
(3) promoting sustainable partnerships between NSF-funded institutions, industry, and other organizations within academia and the private sector with the purpose of accelerating the transfer of technology;
(4) developing multi-disciplinary innovation ecosystems which involve and are responsive to the specific needs of academia and industry;
(5) providing professional development, mentoring, and advice in entrepreneurship, project management, and technology and business development to innovators.

There are two tracks:

The Technology Translation (PFI-TT) track offers an NSF-funded researcher the opportunity to translate her or his prior NSF-funded research results in any field of science or engineering into technological innovations with promising commercial potential and societal impact.

The Research Partnerships (PFI-RP) track seeks to achieve the same goals as the PFI-TT track by supporting instead complex, multi-faceted technology development projects that are typically beyond the scope of a single researcher or institution and require a multi-organizational, interdisciplinary, synergistic collaboration.

LIMITED SUBMISSION: For the Research Partnerships Track, organizations are limited to one application per deadline. There are no limits for the Technology Translation Track.

RWJF: Healthy Eating Research

Healthy Eating Research (HER) is a national program of the Robert Wood Johnson Foundation (RWJF) committed to building a Culture of Health through identifying effective strategies to improve children's nutrition and weight. HER's mission is to support and disseminate research on policy, systems, and environmental strategies that promote healthy eating among children and advance nutrition security and health equity.

Some goals of the program are to: build a vibrant, inclusive, interdisciplinary research base in the areas of healthy
food access, nutrition security, diet quality, and healthy weight; and communicate research findings to accelerate policy, systems, and environmental changes. HER issues calls for proposals (CFPs) to solicit scientifically rigorous, solution-oriented proposals from investigators representing diverse disciplines and backgrounds.

Deadline: April 5, 2023; 2pm

Spencer Foundation: Research Grants on Education - Small

This program is "field-initiated" in that proposal submissions are not in response to a specific request for a particular research topic, discipline, design, or method. The Spencer Foundation's goal for this program is to support rigorous, intellectually ambitious and technically sound research that is relevant to the most pressing questions and compelling opportunities in education. The Foundation supports scholarship that develops new foundational knowledge that may have a lasting impact on educational discourse.

The Spencer Foundation expects and welcomes methodological diversity in answering pressing questions; they are open to projects that utilize a wide array of research methods including quantitative, qualitative, mixed-methods, ethnographies, design-based research, participatory methods, and historical research, to name a few.

Deadline: April 5, 2023; 12pm (noon)

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USAID: Comprehensive Action for Climate Change Initiative (CACCI)

The objectives under CACCI are intended to facilitate sustainable improvements in climate and environmental policies and outcomes by strengthening the skills, knowledge, interactions, and incentives of diverse policy system actors and institutions, thereby improving their capacity to meet obligations and needs under the Paris Agreement and expressed in their Nationally Determined Contributions (NDCs) and National Adaptation Plans (NAPs).

Deadline: March 1, 2023

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USDA: Beginning Farmer and Rancher Development Program

This request for applications is soliciting applications for the Beginning Farmer and Rancher Development Program (BFRDP) for the fiscal year (FY) 2023 funding cycle to support delivery of education, mentoring, and technical assistance for beginning farmers and ranchers in the United States and its territories that are entering, establishing, building, and managing successful farm and ranch enterprises. This program does not fund 1) development of coursework for credit for four-year degrees at colleges and universities; 2) education programs for careers other than farmers / ranchers; or 3)

research.

Deadline: April 27, 2023

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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 **ndsu.researchdev@ndsu.edu**.

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

Contact Us