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RCA UPDATE

OCTOBER 2024

NEWS



(L-R) David DeMuth, Colleen Fitzgerald, Paul Steffes, Ken Kaufman, Kathryn Uhrich, Scott Snyder, and Mark Gorenflo

NDSU REPORTS ON PROGRESS OF FIRST YEAR OF EDRF FUNDING

Colleen Fitzgerald, North Dakota State University Vice President for Research and Creative Activity, recently presented the first-year progress of the North Dakota Economic Development Research Fund (EDRF) investments to the EDRF External Advisory Committee.

The EDRF, established in HB 1003 by the North Dakota Legislature in 2023, aims to ensure that the state economy generates additional revenue streams to stimulate economic growth in the state by innovating new technology, ideas and products; to promote job creation and career and wage growth; to enhance health care outcomes; to address loss of revenue and jobs in communities with economies that depend primarily on the fossil fuel industry; and to provide experiential learning opportunities for students. NDSU received \$2.5M to support research endeavors across two years.

[read more](#)



NDSU RESEARCHERS RECEIVE STTR FUNDING TO HELP PHARMACIES COMBAT OPIOID ADDICTION

A research team at North Dakota State University has received an award of \$295,876 from the National Institute of Health's (NIH) Small Business Technology Transfer (STTR) program.

Led by NDSU PI Jayme Steig and co-PI Jeremy Straub, and in collaboration with pharmaceutical group company OpREMS, LLC, the opioid overdose data prevention project will research improving digital platforms and using AI to analyze data for the NDSU Opioid and Naloxone Education (ONE) program.

[read more](#)

FACULTY RESEARCH COUNCIL

NDSU'S FACULTY RESEARCH COUNCIL MEMBERS NAMED FOR 2024-25

The NDSU Faculty Research Council consists of 10 faculty members with two faculty from each of the five NDSU colleges. Its mission is to identify and help prioritize the necessary resources for faculty to thrive in their research and creative activity projects and studies.

[read more](#)

TOP 2%

NDSU RESEARCHERS AMONG TOP 2% OF MOST CITED SCIENTISTS IN THE WORLD

NDSU researchers are included among the top two percent of most cited scientists in the world according to the Science-wide author databases of standardized citation indicators. NDSU has 26 researchers on the single year list and 27 researchers on the career list.

[read more](#)

BY THE NUMBERS

79%

Percentage of NDSU
awards that were
federally sponsored

(FY24)

**Year over Year
Increases in
Federal Awards
Received by
NDSU**

USDA	57%
DoD	68%
NSF	145%
NIH	15%

(FY24)

RCA INTERNAL FUNDING OPPORTUNITIES

NOTE THAT MANY OF THESE OPPORTUNITIES HAVE AN UPCOMING DEADLINE OF NOV. 4



[RCA Big Ideas Research Seed Projects – STEM Fields](#)

Application Deadline: Monday, November 4, 2024

These seed projects will provide up to \$100,000 to support ideas that pursue

innovative, ambitious solutions to impactful research questions that fit within NDSU's strategic priorities and/or the ND Science and Technology Plan. The purpose of the program is to support activities such as pilot studies or gathering preliminary data that will allow teams to advance ideas for the development of competitive proposals in pursuit of significant external funding, including NSF EPSCoR and EPSCoR-like programs (e.g. NIH COBRE). For this call, proposals must be for projects within science, technology, engineering, and mathematics (STEM) fields as defined by the National Science Foundation and/or the National Institutes of Health. This includes the social, behavioral, economic and science of STEM education fields. **PIs must be at the Associate Professor rank or above and have a prior funding track record as a PI from the agency where submission is intended.**



[Sparking Big Ideas: Interdisciplinary Research Planning Grants](#)

Application Deadline: Monday, November 4, 2024

This planning grant program awards up to \$10,000 to initiate early-stage project development to help catalyze collaborative, interdisciplinary teams among diverse disciplines in order to pursue innovative, ambitious solutions to impactful research questions that fit within NDSU's strategic priorities, or align with prior and/or existing research investments at NDSU. Team composition should be reflective of the nature of the proposed research and the team's approach should rely on the perspective and expertise of multiple disciplines. This program is intended to help teams develop collaborations and prepare to pursue external sponsored research support for the proposed project. Full time tenured and tenure-track faculty are eligible to apply. Professors of Practice who have research as part of their appointment are also eligible to apply.



[EDRF Infrastructure Program](#)

Application Deadline: Monday, November 4, 2024

The Infrastructure Program will provide up to \$50,000 for improvement of infrastructure in support of research and economic development goals that fit within NDSU's strategic priorities or align with prior and/or existing research investments at NDSU. This program can be used for acquisition of research instrumentation, equipment,

and related installation services. Full-time faculty and research staff at NDSU are eligible to apply.

[Bison Arts and Humanities Fund](#)

Application Deadline: Monday, November 4, 2024

RCA has renewed a program to stimulate new research and creative endeavors in the humanities and the arts, the Bison Arts and Humanities Fund. The arts and humanities are vital to the human condition, with importance for civic engagement, cross-cultural understanding, and the development of critical and creative thinking skills, for example. Faculty are encouraged to submit a proposal for up to \$5,000 that can be used for early-to late-stage humanities or arts projects. Emphasis for funding will be on projects that directly support career progression. Projects with strong potential to bring positive national attention to NDSU faculty and/or which can be leveraged for future funding are especially of interest.

[NASA EPSCoR Pilot Projects](#)

Application Deadline: Monday, November 4, 2024

NASA Established Program to Stimulate Competitive Research (EPSCoR) establishes partnerships with government, higher education, and industry that are designed to effect lasting improvements in a state or region's research infrastructure, research and development capacity, and its national research and development competitiveness. This grant program awards up to \$58,000 to develop pilot projects that are in line with NASA's overall mission. Each proposed NASA EPSCoR pilot project shall perform scientific and/or technical research in areas that support NASA's strategic research and technology development priorities with the goal of ensuring a competitive submission to a NASA funding opportunity. All proposals should emphasize and clearly articulate how the pilot project develops capabilities to compete for funds from NASA.

[Equipment Repair Matching Funds](#)

Application Deadline: Rolling

The Research and Creative Activity Office has a small pool of funds available for equipment repairs, which could include software updates for equipment, that can be completed by **Friday, May 30, 2025**. For departmental / unit requests, priority will be given to equipment that is used by multiple researchers and that has a match of at least 33%. For Service / Recharge Centers and Core Facilities, priority will be given to

requests that have at least a 50% match. Researchers are eligible to receive one award (one piece of equipment) per fiscal year.

[RCA Travel Award Program](#)

Application Deadline: Rolling

Research Development Travel and Conference Support Awards are intended to help cover expenses for travel to a national-level conference to present research or creative work and/or registration fees for a virtual conference to present research or creative work. Virtual conference – up to \$500 in registration costs will be considered. On-site conference – up to \$1,000 in eligible expenses will be considered. Travel must be completed by **Friday, May 30, 2025**.

[RCA Conference Support](#)

Application Deadline: Rolling

The RCA Conference Development Support award is intended to help cover up to \$3,000 in expenses for hosting and developing a regional conference that brings recognition to NDSU faculty. This support can include funding for:

- event room and event reservation costs
- food and meals served during the conference
- materials to be used in support of the event (i.e., flyers, pens, paper, registration booth items, etc.)

Applications will be processed in the order received, and awards will be made until all funds are allocated. The conference must be completed by **Friday, May 30, 2025**.

FUNDING AGENCY ANNOUNCEMENTS



**IMPORTANT ANNOUNCEMENT:
National Science Foundation to
require all Research.gov users to use
a multifactor authentication (MFA)**



According to a recent [NSF Dear Colleague Letter](#), effective Oct. 27, all external users must complete a one-time MFA enrollment process and use the selected MFA method to sign into Research.gov.

If you've been using your NSF ID to login, change that now and use your NDSU ID/password -- NDSU will manage the MFA security requirements. To do so, select "Organization Credentials," North Dakota State University from the dropdown list, and enter your login information.

Research.gov
ONLINE GRANTS MANAGEMENT
FOR THE NSF COMMUNITY

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NSF User Sign In

Use your Primary Email Address, NSF ID, LOGIN.GOV or your organization credentials to sign in to Research.gov

NSF Account
Primary Email Address or NSF ID

[Forgot ID](#)

Password

[Forgot Password](#)

Organization Credentials
Pick Your Organization
Select an Option

Login.gov Credentials

or or

Sign in here with NDSU ID/Password

New to NSF? [Register](#)
Don't see your organization? [Learn more](#) / [Register for InCommon](#)

[Sign In for NSF Staff](#)



WEBINAR

NIH Grants Process Primer: Application to Award

NOVEMBER 13-14, 2024 • 1:00 – 4:00 PM ET

Register today!

New Grant Administrators and Researchers: NIH Virtual, Interactive, NIH Grants Process Primer

Navigating the NIH grants process can be overwhelming for those new to working with NIH. Orienting the extramural community to that process is a central mission of the NIH Office of Extramural Research (OER) while ensuring the transparency of the peer review process is a key goal of the Center for Scientific Review (CSR). Together, OER and CSR play an integral role in educating and updating the extramural community with the latest information on grants processes, policies, and resources.

[Register](#)



EPSCoR Live!

Wednesday, November 13 from 4:00 pm – 5:00 pm (EDT)

This EPSCoR Live! will be of particular interest to early- and mid-career researchers.

In this session, Drs. Chinonye Whitley, Hongmei Luo, Lisa Cliggett, and colleagues, will discuss the [EPSCoR Research Fellows](#) opportunity, which aims to transform the career trajectories of non-tenured and tenured investigators through extended visits to private, government, or academic institutions. EPSCoR Program Officers will also facilitate a Q&A session related to this funding opportunity.

[Registration is required](#)

RCA EVENTS AND TRAINING

Important dates related to internal programs of interest to NDSU faculty researchers can be found on the [Faculty Development Calendar](#).



UNIVERSITY-INDUSTRY PARTNERSHIPS

This talk will offer insights into the benefits and challenges of university-industry collaborations and provide some tips and best practices for initiating and maintaining successful partnerships.

**THURSDAY OCT. 31
10AM – 11AM CST**

Tony Boccanfuso
President and CEO
UIDP



Interested in exploring and enhancing partnerships with industry? This talk will offer insights into the benefits and challenges of university-industry collaborations and provide some tips and best practices for initiating and maintaining successful partnerships. Whether you are new to the concept of university-industry partnerships or looking to deepen existing collaborations, this talk will provide valuable knowledge and tools to help you effectively engage with industry partners.

Tony Boccanfuso is the President and CEO of UIDP, a global organization comprising industry and university members that work together to develop and disseminate mutually beneficial strategies for addressing common issues between the two sectors.

[Register](#)

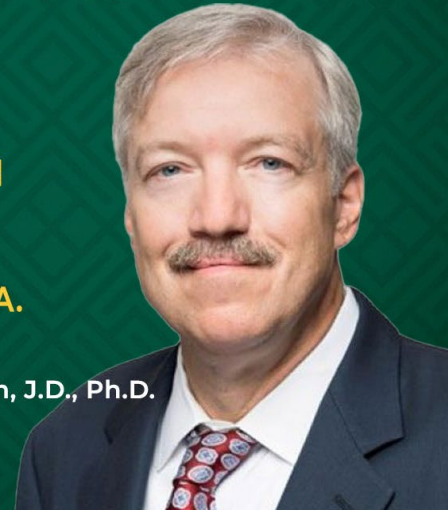
INTELLECTUAL PROPERTY (IP) BASICS FOR ACADEMIC RESEARCHERS AND ENTREPRENEURS

John Hanish, J.D., Ph.D., is an IP attorney and NDSU Research Foundation board member.

He will present a session on managing intellectual property and be available for Q&A.

MONDAY, NOV. 4
12:00PM-1:00
SANISH, NDSU MEMORIAL UNION

John P. Hanish, J.D., Ph.D.



John Hanish, J.D., Ph.D., is an IP attorney and NDSU Research Foundation board member. He will present a short session on managing intellectual property and be available for Q&A. Questions can range from “Where do I start?” to specific questions about disclosures, provisional and utility patents, trademarks, copyrights, and trade secrets.

[Register](#)

The image shows two logos side-by-side. On the left is the logo for the 'Bio & Biomedical Computation Networking Seminar', featuring a network diagram of interconnected nodes in blue, orange, yellow, and green. To its right is the text 'Bio & Biomedical Computation Networking Seminar' and 'November 20, 5 pm - 8 pm'. On the right is the logo for the 'ND EPSCoR Annual Conference', featuring the letters 'ND' in a green box, 'EPSCoR' in large white letters, and 'Annual Conference' below it, with 'November 21' at the bottom right.

[Register](#) (closes Nov. 4, 2024)

The [Office of Research and Creative Activity \(RCA\)](#) sends 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. This listserv refreshes every 24 hour period.

North Dakota State University does not discriminate on the basis of age, color, disability, gender expression/identity, genetic information, marital status, national origin, public assistance status, race, religion, sex, sexual orientation, or status as a U.S. veteran.

Direct inquiries to: Equal Opportunity Specialist, Old Main 201, 701-231-7708 or Title IX/ADA Coordinator, Old Main 102, 701-231-6409.

We collectively acknowledge that we gather at NDSU, a land grant institution, on the traditional lands of the Oceti Sakowin (Dakota, Lakota, Nakoda) and Anishinaabe Peoples in addition to many diverse Indigenous Peoples still connected to these lands. We honor with gratitude Mother Earth and the Indigenous Peoples who have walked with her throughout generations. We will continue to learn how to live in unity with Mother Earth and build strong, mutually beneficial, trusting relationships with Indigenous Peoples of our region.