

NDSU OFFICE OF
RESEARCH AND CREATIVE ACTIVITY

RCA UPDATE

May 3, 2021

Joshua Marineau

April 2021 RCA Researcher of the Month

Like many other researchers, Josh Marineau admits to always having a healthy curiosity about everything and recalls how it led him to dismantle objects around the house as a youth (much to the chagrin of his parents) just to see how they worked. As an associate professor of management at NDSU, Josh still enjoys the paths his curiosity leads him and he researches topics including organizational behavior, social networks and the entrepreneurship culture in Fargo, North Dakota.

Originally from Idaho, Josh moved to Alaska when he was young. Other than considering a degree in philosophy, he never really considered the world of academia as a career choice. Instead, art and theater were his primary disciplines. After beginning his business career, he wasn't even sure he'd go to college.



"I was still in high school when I started working at a coffee shop at 16," he recalls. "Before long I was managing 11 locations with over 100 employees." Even with his natural skills and success at business, Josh decided to enroll at the University of

Alaska – Anchorage and obtain a degree in philosophy. However, that program wasn't available at the time so instead he earned a bachelor's degree in English rhetoric (along with a minor in philosophy). After graduating, the Dean suggested that he go to graduate school to become a professor and take a teaching position at the university. Josh considered the suggestion and while he hadn't planned on graduate school, he figured that an MBA could help him become a better business leader. He applied for grad school and was accepted at the University of Kentucky. While his mentors at Alaska had prepared him for what it would take to earn a higher degree, the University of Kentucky program would open him up to new concepts and a research career path.

Josh joined the University of Kentucky College of Business at the same time that they introduced a brand-new program based on social networks with a new group of world-class professors. His fellow students and he found themselves to be the first cohort in the new program with a new curriculum that was both challenging and robust. However, it opened up interests in Josh that he still follows today. "It was a rigorous research-oriented program that stressed theory, data collection, and the scientific method that was new to me, but was also really appealing," he said.

The methods that Josh learned at the University of Kentucky showed him that as a researcher, he could be the creator of knowledge, a concept that linked him back to his love of art. Josh sees connections in how he approaches his research to his painting, woodwork, and musical endeavors. He finds his happy place to be when he's exploring the structure of a problem. "While there is always an amount of structure in art, beyond a certain point pure creativity takes over," he said. "Art has no limits and exploring research data is just finding building blocks to bigger creative ideas. I enjoy research design, data collection, and analysis but I what I really love is exploring the data. There aren't many boundaries to this exploration which is similar to how I feel when I'm painting."

[Read more about Dr. Marineau >>](#)

Two RCA Staff Announce Retirement

Julie Sherwood, research compliance administrator, Institutional Biosafety Committee (IBC) and Denise Roehl, industry engagement and intellectual property business coordinator, have both announced their retirement from NDSU.

Julie joined NDSU in 1990 as a veterinary and microbiological sciences research specialist and worked on various projects for 25 years including research on anaerobic bacteria, antibiotic resistance, and meat and produce food safety. She then worked in the serology lab within the NDSU Veterinary Diagnostic Laboratory. She helped more than 125 graduate and undergraduate students. In 2015 she joined RCA as the IBC Administrator, a role in which she helps ensure that NDSU research is compliant with federal regulations regarding research using recombinant or synthetic DNA, infectious agents and human blood, body fluids or tissues. Julie is also the administrator of the recently formed campus-wide conflict of interest committee (COIC).

“I have known Julie Sherwood since my grad school days in Microbiology,” said Julie’s manager, vice president of the Office for Research and Creative Activity Jane Schuh. “She has always been a person who is willing to go the extra mile to help others. Her research background has allowed the IBC to be a resource for many labs across campus, but her best asset has always been her wonderful personality.”

Denise joined NDSU in 2009 as an administrative secretary for the NDSU Technology Transfer Office and NDSU Research Foundation. Since 2019, she has served as industry engagement and intellectual property business coordinator.

“For more than 11 years, Denise has been integral to handling the administrative requirements associated with invention disclosures and patent prosecution for NDSU and the NDSU Research Foundation,” said executive director for industry engagement and intellectual property Jolynne R. Tschetter, Denise’s manager. “We will miss both her depth of knowledge and her calm and friendly demeanor. We wish Denise the best as she moves into this new chapter of her life.”

Both Julie and Denise will retire from RCA on May 4, 2021.

Updated USDA-NIFA Policy Guide Ready for Review

The updated [NIFA Policy Guide](#) is now available for review. Changes have been made to align with regulations in 2 CFR 200 and the current NIFA Terms and Conditions. The Policy Guide is now in an updated format for easier use and reference.

The Policy Guide provides comprehensive guidance on:

- roles and responsibilities;
- application and review processes;
- award notification and administration procedures;
- award terms and conditions;
- uniform administrative requirements;
- allowable costs;
- reporting requirements;
- close-out procedures; and
- audit requirements.

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RCA Research Support Services Awards

Through the Research Support Services program, funds of up to \$2,500 can be requested to help defray the costs of support services required for research, creative, or scholarly activity. Funds must be spent by June 15, 2021. More information and application instructions are posted on the [RCA website](#). Please contact ndsu.researchdev@ndsu.edu with questions.

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: Science Education Partnership Award](#)
Notification Deadline: 05/05/2021
- [NSF: Partnerships for Innovation](#)
Notification Deadline: 05/05/2021
- [William T. Grant Foundation: Scholars Program](#)
Notification Deadline: 05/05/2021
- [Breast Cancer Alliance: Young Investigator Grants](#)
Notification Deadline: 05/12/2021
- [NSF: ADVANCE - Partnership Track](#)
Notification Deadline: 06/02/2021

There are a number of limited submission grant programs with upcoming agency deadlines for which we did not receive any notifications of interest. A full list of those programs is available on the [Limited Submissions page](#). 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. Email notifications of interest to ndsu.researchdev@ndsu.edu.

Looking for more funding opportunities?



On January 1, NDSU transitioned to a new funding opportunity database subscription: SPIN by InfoEd Global. SPIN is free for current NDSU faculty, staff, and students.

For more information, visit the [SPIN page](#) on the RCA website. If you have questions, please contact ndsu.researchdev@ndsu.edu.

DARPA: Computational Cultural Understanding

The Computational Cultural Understanding (CCU) Program [[HR001121S0024](#)] will create cross-cultural language understanding technologies to improve a Department of Defense (DoD) operator's situational awareness and interactional effectiveness. CCU will build natural language processing technologies that recognize, adapt to, and recommend how

to operate within the emotional, social, and cultural norms that differ across societies, languages, and group affinities. To support diverse and emergent use cases, CCU technologies will be engineered to require minimal-to-no training data in a local culture, while maximizing operator success during negotiations and other interactions in the field. Automated systems would be a welcome force-multiplier for DoD interpreters; however, unlike the human cultural interpreters who enable US forces today, such systems are currently incapable of accurately analyzing cross-cultural communication or providing useful assistance to negotiations beyond basic machine translation. To achieve relative parity with human interpreters, CCU research will provide foundational technical innovations to assist negotiators and analysts with language analysis and cross-cultural dialogue in the field. These advances in the area of cross-cultural understanding will also inform processes for training and planning.

Deadline: June 16, 2021

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High Plains Intermountain Center for Agricultural Health and Safety: Pilot Grants

The High Plains Intermountain Center for Agricultural Health and Safety (HICAHS) [Pilot Grants Program](#) funds innovative research projects that promote worker health and safety in the agriculture, forestry, or fishing industries. Currently, HICAHS is seeking proposals for awards up to \$25,000 for the project period September 2021 - August 2022. Projects that directly impact the HICAHS region (Colorado, Montana, North Dakota, South Dakota, Utah, and Wyoming) are prioritized.

Deadline: June 1, 2021

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NASA: Early Stage Innovations

The Space Technology Research Grants (STRG) Program within STMD seeks proposals from accredited U.S. universities to develop unique, disruptive, or transformational space technologies that have the potential to lead to dramatic improvements at the system level — performance, weight, cost, reliability, operational simplicity, or other figures of merit associated with space flight hardware or missions. The projected impact at the system

level must be substantial and clearly defined.

This solicitation exclusively seeks proposals that are responsive to one of the five topics:

- Topic 1 – Advanced Materials for High-Voltage Power Transmission on the Moon
- Topic 2 – Development of Quantum Communication Technologies
- Topic 3 – Cognitive Networking Advancements for Lunar Communication and Navigation
- Topic 4 – Supersonic Retropropulsion Wind Tunnel Data Analysis
- Topic 5 – Advanced Heat Rejection Technologies for Space-Flight Radiators

NASA anticipates addressing other topics in future ESI Appendix releases.

Notice of Intent to Apply Deadline: May 26, 2021

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NIH: Systems Approach to Understand Mechanisms of Heterogeneous Response to Influenza

The purpose of this Funding Opportunity Announcement (FOA) [[RFA-AI-21-017](#)] is to support the identification of mechanisms behind heterogeneous responses in the population to influenza infection and / or vaccination through development and application of computational tools.

Deadline: September 8, 2021

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NSF: ADVANCE – Organizational Change for Gender Equity in STEM Academic Professions - Partnership Track - 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 ADVANCE - Partnership: [Notify RCA](#) by 06/02/2021 if you are interested in submitting to this program.

The NSF ADVANCE program contributes to the National Science Foundation's goal of a more diverse and capable science and engineering workforce. In this solicitation [[NSF 20-554](#)], the NSF ADVANCE program seeks to build on prior NSF ADVANCE work and other research and literature concerning gender, racial, and ethnic equity. The NSF ADVANCE program goal is to broaden the implementation of evidence-based systemic change strategies that promote equity for STEM faculty in academic workplaces and the academic profession. The NSF ADVANCE program provides grants to enhance the systemic factors that support equity and inclusion and to mitigate the systemic factors that create inequities in the academic profession and workplaces. Systemic (or organizational) inequities may exist in areas such as policy and practice as well as in organizational culture and climate. For example, practices in academic departments that result in the inequitable allocation of service or teaching assignments may impede research productivity, delay advancement, and create a culture of differential treatment and rewards. Similarly, policies and procedures that do not mitigate implicit bias in hiring, tenure, and promotion decisions could lead to women and racial and ethnic minorities being evaluated less favorably, perpetuating historical under-participation in STEM academic careers and contributing to an academic climate that is not inclusive.

The solicitation includes four funding tracks: *Institutional Transformation (IT)*, *Adaptation*, *Partnership*, and *Catalyst*, in support of the NSF ADVANCE program goal to broaden the implementation of systemic strategies that promote equity for STEM faculty in academic workplaces and the academic profession.

NDSU is eligible for the Partnership track, which is designed to support the work to facilitate the broader adaptation of gender equity and systemic change strategies. *Partnership* projects are expected to result in national or regional transformation in STEM academic workplaces and the academic profession and demonstrate significant reach. *Partnership* projects can focus on the transformation of institutions and organizations and / or the transformation within one or more STEM

disciplines.

LIMITED SUBMISSION: Institutions of Higher Education may be partners on multiple ADVANCE Partnership proposals in the same competition but can be the lead organization on only one Partnership proposal in the same competition.

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NSF: Biosensing

The Biosensing program [[PD 20-7909](#)] supports fundamental engineering research in the monitoring, identification and / or quantification of biological analytes and phenomena using innovations that exist at the intersection of engineering, life sciences, and information technology. Projects submitted to the program must advance both engineering and life sciences.

The Biosensing program encourages proposals that, in addition to advancing biosensing technology, address critical sensor needs in biomedical research, public health, food safety, agriculture, forensics, environmental protection, and homeland security. Proposals are especially encouraged in areas of critical need: sensing technologies that can enable monitoring and surveillance of the environment and / or individuals for novel infectious agents; platform technologies that can readily be modified as soon as new agents are detected, sequenced, and / or otherwise characterized to enable rapid deployment of sensors in clinics and the environment; and adaptive and / or multiplex sensing technologies that can help the nation prevent the spread of the next global pandemic.

Major areas of interest for the program include:

- Novel signal transduction principles and mechanisms that enable sensitive and specific biosensors, suitable for measurements in multiple areas;
- Design of novel biorecognition elements and appropriately designed transducing systems to enable adaptable and / or reconfigurable operating parameters in response to environmental changes or application needs at levels of device, system, or data analysis;

- Development of adaptive and / or evolvable biosensing systems for detection of novel target analytes or analytes under novel conditions;
- Novel synthetic biology approaches for the development of cell-free and cell-based biosensors; and
- Combining biosensors with artificial intelligence (AI) methods to improve sensor specificity and response time.

Proposals to this program are accepted at any time.

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NSF: Developmental Sciences

The National Science Foundation (NSF) Developmental Sciences (DS) program [[PD 08-1698](#)] supports research that addresses developmental processes within the domains of cognitive, social, emotional, and motor development across the lifespan by working with any appropriate populations for the topics of interest including infants, children, adolescents, adults, and non-human animals. The program also supports research investigating factors that affect developmental change including family, peers, school, community, culture, media, physical, genetic, and epigenetic influences. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying development; includes participants from a range of ethnicities, socioeconomic backgrounds, and cultures; and integrates different processes (e.g., memory, emotion, perception, cognition), levels of analysis (e.g., behavioral, social, neural), and time scales.

Deadline: July 15, 2021

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NSF: Disrupting Operations of Illicit Supply Networks (D-ISN)

Criminal networks that illegally traffic in everything from people and drugs to human organs, natural resources and nuclear material pose grave threats to the health, prosperity and security of our Nation. As an important example, the opioid epidemic in the United States has largely been fueled by new synthetic opioids that are primarily produced in overseas facilities and distributed to the US through intermediate countries.

These illicit supply chains flourish across national boundaries, both taking advantage of and contributing to regional instability. The profits generated through these activities finance ongoing conflicts across the globe. Making use of the same communications, logistics, transportation, and financial infrastructure that enable globally integrated commercial supply chains, illicit flows are now estimated to account for 4-6% of global GDP, or roughly \$2 trillion annually. Moreover, these networks use exploitative labor, such as child labor, forced labor and human trafficking, to source and produce goods and services that contribute to both illicit and legal commercial supply chains. The Disrupting Operations of Illicit Supply Networks (D-ISN) Solicitation [[NSF 21-582](#)] supports research projects that take a systems approach to advance fundamental understanding of how networks that traffic in illicit or illicitly-produced goods and services operate, leading to technological breakthroughs that bolster our ability to disable these networks.

Major goals of NSF's D-ISN Solicitation include:

- Improve understanding of the operations of illicit supply networks and strengthen the ability to detect, disrupt, and dismantle them.
- Support research on the illicit supply networks that fuel the national opioid epidemic.
- Enhance research communities that effectively integrate operational, computational, social, cultural and economic expertise to provide methods and strategies to combat this complex and elusive global security challenge.
- Catalyze game-changing technological innovations that can improve discovery and traceability of illicitly sourced product inputs.
- Provide research outcomes that inform U.S. national security, law enforcement and economic development needs and policies.

Proposals responding to this solicitation must be submitted to the Directorate for Engineering. Once received, however, the proposals will be managed by a cross-disciplinary team of NSF Program Directors.

Deadline: July 28, 2021



NSF: Resilient & Intelligent NextG Systems (RINGS)

The RINGS program [[NSF 21-581](#)] seeks to accelerate research in areas that will potentially have significant impact on emerging Next Generation (NextG) wireless and mobile communication, networking, sensing, and computing systems, along with global-scale services, with a focus on greatly improving the resiliency of such networked systems among other performance metrics. Modern communication devices, systems, and networks are expected to support a broad range of critical and essential services, incorporating computation, coordination, and intelligent decision making. Resiliency of such systems, which subsumes security, adaptability, and autonomy, will be a key driving factor for future NextG network systems. Resiliency in both design and operations ensures robust network and computing capabilities that exhibit graceful performance- and service-degradation with rapid adaptability under even extreme operating scenarios. The RINGS program seeks innovations to enhance both resiliency as well as performance across the various aspects of NextG communications, networking and computing systems. This program seeks to go beyond the current research portfolio within the individual participating directorates by simultaneously emphasizing gains in resiliency (through security, adaptability and/or autonomy) across all layers of the networking protocol and computation stacks as well as in throughput, latency, and connection density.

In this program, NSF is partnering with the Office of the Under Secretary of Defense for Research and Engineering (OUSD R&E), the National Institute of Standards and Technology (NIST) and a number of industry partners. This program seeks to fund collaborative team research that transcends the traditional boundaries of individual disciplines to achieve the program goals.

Deadline: July 29, 2021



RWJF: Health Equity Scholars for Action

Many researchers from historically underrepresented backgrounds, who wish to investigate root causes of and solutions to health disparities, face challenges of insufficient funding and barriers to attaining tenure. Without mentors at their institutions who understand their lived experiences and supportive professional networks to help identify and offer guidance in pursuing opportunities, underrepresented researchers face many obstacles to academic career advancement.

A guiding principle of RWJF is to “seek bold and lasting change rooted in the best available evidence, analysis, and science, openly debated.” [Health Equity Scholars for Action](#) (HES4A) is designed to enhance the supports, resources, and community necessary for participants to thrive professionally and personally, and in turn, be better able to contribute to and expand health equity-related research and evidence that can help build a Culture of Health.

The goal of HES4A is to support the career development and academic advancement of researchers from historically underrepresented backgrounds who conduct health equity research. Grants will be awarded to address the challenges that underrepresented researchers experience; help them overcome obstacles to earning tenure; and make progress toward acquiring independent research funding. Grants will support three aspects of career development: research, mentorship, and connection with a community of support.

Applicants must be from a systematically marginalized group that has historically been underrepresented in research disciplines. Eligible individuals include, but are not limited to:

- individuals from ethnically and racially minoritized groups underrepresented in research disciplines;
- first-generation college graduates;
- people for whom English is not a native language;
- people from low-income communities;
- LGBTQ+ individuals; and
- individuals with disabilities.

An informational webinar is scheduled for May 4, 2021, at 11am. Registration is required through this [link](#).

Letter of Intent Deadline: June 16, 2021



Smith Richardson Foundation: Policy Analysis Research and Writing

The Smith Richardson Foundation sponsors an annual [Strategy and Policy Fellows grant competition](#) to support young scholars and policy thinkers on American foreign policy, international relations, international security, military policy, and diplomatic and military history. The purpose of the program is to strengthen the U.S. community of scholars and researchers conducting policy analysis in these fields.

The Foundation will award at least three research grants of \$60,000 each to enable the recipients to research and write a book. Within the academic community, this program supports junior or adjunct faculty, research associates, and post-docs who are engaged in policy-relevant research and writing. Within the think tank community, the program supports members of the rising generation of policy thinkers who are focused on U.S. strategic and foreign policy issues.

Deadline: June 18, 2021; 4pm

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USDA-NIFA: Agriculture and Food Research Initiative Foundational and Applied Science

The Agriculture and Food Research Initiative (AFRI) Foundational and Applied Science Program supports grants in six AFRI priority areas to advance knowledge in both fundamental and applied sciences important to agriculture. The six priority areas are:

1. Plant Health and Production and Plant Products;
2. Animal Health and Production and Animal Products;
3. Food Safety, Nutrition, and Health;
4. Bioenergy, Natural Resources, and Environment;
5. Agriculture Systems and Technology; and
6. Agriculture Economics and Rural Communities.

This program solicitation was recently updated. Modifications include:

- The addition of three new program area priorities: Conventional Plant Breeding for Cultivar Development program area priority (A1143) within Plant Health and Production and Plant Products; Extension, Education & USDA Climate Hubs Partnership (A1721) in Crosscutting Programs; and AFRI Commodity Board Co-funding Topics (A1811) in Crosscutting Programs.

- Changes also include addition of nine specific topics for co-funding with The Cotton Board, National Peanut Board, National Potato Promotion Board, and USA Dry Pea & Lentil Council, which are in AFRI Commodity Board Co-funding Topics (A1811) in Crosscutting Programs.

Research-only, extension-only, and integrated research, education and / or extension projects are solicited in this [Request for Applications \(RFA\)](#).

Deadlines vary by program area

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Webinar: SBIR / STTR proposal preparation for NIH

[SHARPhub](#) is hosting a webinar about SBIR / STTR proposal preparation for the National Institutes of Health (NIH). This webinar, which is free and open to the public, will cover the differences between SBIR and STTR, how to navigate the NIH's SBIR website to research awarded projects, registrations, etc. Finally, this webinar will cover how to prepare an SBIR proposal and how to avoid common pitfalls.

Date: Thursday, May 6, 2021

Time: 8:30 to 1:00pm CST

Registration: https://zoom.us/webinar/register/7816195323372/WN_3kADZV-UR-aMZa4DI4MCIw

Free: Registration is encouraged

The following is a tentative agenda for the presentation:

- Quick SBIR / STTR Overview; NIH Essentials (including navigating sbir.nih.gov; NIH RePORTER; registrations; review criteria)
- Proposal Prep 1: Specific Aims, Research Strategy; using SA to contact NIH
- Proposal Prep 2: Budgets, Biosketches, Facilities, and Resources
- Questions; next steps for SHARPhub program

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NSF Virtual Grants Conference Registration

The National Science Foundation (NSF) Spring 2021 Virtual Grants Conference will be held the week of **June 7-11, 2021**. Registration will be free of charge and opens on **Wednesday, May 5 at 11am**. Sessions typically reach capacity very quickly, so we encourage you to register as soon as possible once the portal opens.

In the meantime, please feel free to check [nsfpolicyoutreach.com](https://www.nsf.gov/policy/outreach) for the most up-to-date information and view [recordings](#) of sessions from previous years. You may also view the Fall 2020 Virtual Grants Conference recordings on our [YouTube](#) page. For those who cannot attend the live conference, all recorded conference sessions will be available on-demand shortly after the event and posted on our [website](#) and our [YouTube](#) page.

If you have any logistical questions about this virtual conference, please contact grants_conference@nsf.gov.

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NEH Virtual Grant Workshops

In April and May, the National Endowment for Humanities (NEH) is hosting a series of virtual workshops with NEH program staff to share information about NEH grant opportunities, deadlines, and application information.

Topics include:

- Digital Humanities
- Individual Scholars
- Archives and Libraries
- College and University Grants and Sponsored Research Offices

[Learn more >>](#)

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Dakota Cancer Collaborative on Translational Activity (DaCCoTA) Virtual Symposium

[Registration](#) is now open for the **2021 DaCCoTA Virtual Symposium**.

The symposium will be held on June 18th from 8am to 5pm. It is free and open to the

public.

The symposium includes:

- **Educational Opportunities (educational credit will be provided)**
 - Use of navigators in cancer care
 - Design, conduct and analysis of clinical trials
 - Navigating collaboration with industry
 - Best practices in community engagement
 - Mentorship: It takes two to tango
 - Demystifying the NIH study section
- **Poster Sessions**
- **DaCCoTA Awardee Presentations**
- **Networking Opportunities**

Register through the following link:

https://und.qualtrics.com/jfe/form/SV_ekW1Jpngue1U4Zf.

For additional information about the symposium and details regarding poster presentation requirements, please visit: <https://med.und.edu/daccota/symposium.html>.

The DaCCoTA is supported by the National Institute of General Medical Sciences of the National Institutes of Health under Award Number U54GM128729.

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Workshops for Health Professionals

Paul Casella, MFA, is a writer, teacher, editor and producer. Since 1988, Paul has worked with health professionals to improve the clarity and effectiveness of their manuscripts for publication, formal presentations, grant applications, slides, posters, videos, and other media for scientific purposes.

On June 24, 2021, Paul will visit the NDSU campus to conduct a series of workshops for health professionals:

- Writing for Publication
- Writing Effective NIH Grant Proposals
- Speaking for Success: Strategies for Effective Medical and Scientific Presentations

[Learn more and register >>](#)

This workshop is hosted by NDSU, UND, and the DaCCoTA. The workshop is sponsored by Great Plains IDeA-CTR.



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

[Contact Us](#)



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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