June 28, 2021

NDSU sociology researcher receives grants to study the impact of routine voter roll maintenance

NDSU assistant professor of sociology Dane Mataic has received two grants in collaboration with three researchers from Pennsylvania State University to study how the process of routine voter roll maintenance impacts individual voters. The first, a $283,053 collaborative grant from the National Science Foundation, and the second, a $97,000 grant from the Russell Sage Foundation, will result in a public database of voter maintenance policies for every state as well as an assessment of voter registration inequality.

The process of purging voter rolls through routine voter maintenance (RVM) includes rationale such as criminal convictions, death, residency changes and infrequent voting. However, these routine administrative processes have removed large numbers of registered voters from state voter rolls—estimates suggest that 16 million people have been impacted by these policies from 2014 to 2016 alone—which raises the question of whether certain groups are disproportionately impacted by the process.

Mataic notes that while the process of cleaning voter rolls is necessary, removing an individual's voting rights through nefarious and inequitable practices only adds to division among groups in our country.

"Inequalities in citizen access to the vote is tied to one's location in our highly-stratified

society and differential access to the vote has been associated with voter suppression, unlawful purging of voter rolls, and strict identification requirements," Mataic says.

Examples of this type of voter disenfranchisement are typically found in lower socio-economic groups who lack the flexibility to reregister as often as some states require. Mataic points to a number of new proposed bills, such as in Missouri, that allows the Secretary of State to purge voter rolls. Although North Dakota doesn't have voter registration, the state does have similar voter requirements, such as the one which required residents to show an identification with a physical street address, which could have resulted in hardship for Native American communities that typically used post office boxes instead for their mailing addresses.

Given these and other differences found from state to state, the impact of the routine maintenance of voter rolls as mandated by Congress as part of the 1993 National Voter Registration Act has not been extensively studied. Mataic hopes the project will help researchers better understand the relationship between government policy and individual citizens.

Read more >>

Sponsored Research Module Core Implementation Team receives 2021 Team Recognition Award

The team responsible for launching the Novelution sponsored research module was recently honored with an NDSU Staff Senate Team Recognition award. The team is composed of Amy Scott and Jill Mackenzie* from Sponsored Programs Administration (SPA); Joycelyn Lucke Love from Industry Engagement and Intellectual Property; and Laura Lutkemeier and Ann Young from Grant and Contract Accounting (GCA).

Amy Scott, Laura Lutkemeier, and Joycelyn Lucke Love
(Jill Mackenzie and Ann Young not pictured)

The Team Recognition Award acknowledges a group of individuals who have contributed to the accomplishment of a major change or benefit to the NDSU community and have made valuable contributions or services to their department over and above their core job requirements. Also considered are the nominee's working relationships with the public and other colleagues.

The group was recognized by one nominator for diligently working on the implementation of an electronic research administration and compliance system. One nominator noted that the work began in the fall of 2016 and the first module rolled out to campus in July of 2020.

Prior to Novelution, the proposal, award, and subaward processes were done on a paper-based system which was inefficient for faculty and researchers. For more than two years the group worked to design, enhance and test the functionality of the new system. Now launched, the system is providing significantly improved efficiency to the proposal process for all of NDSU.

"This was a tremendous undertaking and required significant commitment of time over and above their daily standard core job requirements," said Val Kettner, NDSU associate vice president and leader of Sponsored Programs Administration.

The Sponsored Research Module Core Implementation Team was selected for the award from a field of 12 team nominees. Members of the team will receive a cash

award of $600 to be divided equally among members.

*Jill Mackenzie left NDSU in 2021 but was recognized as part of the team during the initial work and implementation.

Congratulations to all award recipients from March and April!

View the complete list online:

- March 2021: PDF | Excel
- April 2021: PDF | Excel

The awards listed are externally funded projects. Each month one of the RCA Updates will include prior month awards.

See Award Reports from previous months >>

IACUC Updates

Novelution IACUC module now available for new submissions

New Protocol submissions may now be submitted via the Novelution Institutional Animal Care and Use Committee (IACUC) module. Click here to access Novelution. **Beginning August 1, 2021, new protocols must be submitted in the Novelution IACUC Module.**

IACUC Guiding Principles Update

The NDSU Institutional Animal Care and Use Committee (IACUC) has updated the Adverse Event Guiding Principle and posted the NEW Experimental Surgery Guiding Principle. Please reference the Guiding Principle website for details.

IACUC Standard Operating Procedures Library

The NDSU IACUC continues to add SOPs to the SOP library that can be accessed on the IACUC Guidelines and Regulations page. Investigators wishing to use these SOPs must attach a copy of the SOP with their protocol submissions.

For questions, please contact the IACUC Office by phone at 231-8114, or email Josie Hayden (josie.hayden@ndsu.edu) or Dr. Neil Dyer (neil.dyer@ndsu.edu).

FEATURED RESOURCE

June Issue: Research Development & Grant Writing News

The June issue of *Research Development and Grant Writing News* is now available to view. Use your NDSU login information to access this resource. Various topics are covered, including:

- Assembling a Team of Advocates for Winning Humanities Grants
- Writing Grants to EPA in a Time of Budget Increases
- NSF's Webinar on Invention to Innovation programs
- How Agency Mission & Culture Impact Funding Success
- The Role of Project Abstracts in Funding Success

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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: Bridges to the Baccalaureate
  Notification Deadline: 06/30/2021
- NSF: GERMINATION
  Notification Deadline: 07/08/2021
- NEA: American Rescue Plan Grants to Organizations
  Notification Deadline: 07/08/2021
- NEH: Infrastructure and Capacity Building Challenge Grants
  Notification Deadline: 07/14/2021

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?

infoEd GLOBAL

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: Knowledge Management at Scale and Speed

The Defense Sciences Office (DSO) at the Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals in the area of collecting, organizing, sharing, and applying organizational knowledge about key tasks and how to perform them. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. Topics of interest include:

- storytelling and story understanding;
- semantic processing;
- large scale contextual models;
- natural language processing;
- process modeling; and
- multimodal communication technologies.

See the full description [HR001121S0034] for more information.

Proposers Day: July 7, 2021
Abstract deadline: July 20, 2021, 3pm

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DoD: Extramural Biomedical Research and Development BAA

The United States Special Operations Command (USSOCOM) Broad Agency Announcement (BAA) [W81XWH-18-S-SOC1] for Extramural Biological Research and Development is soliciting proposals in the following areas of interest:

- Damage Control Resuscitation;
- Prolonged Field Care;
- Portable Lab Assays and Diagnostics;
- Force Health Protection and Environmental Medicine;
- Medical Simulation and Training Technologies;
- Human Performance Optimization;
- Canine Medicine;
- Brain Health; and
- Immune Response.

This BAA is open through July 31, 2023

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Facebook: Towards Trustworthy Products in AR, VR, and Smart Devices

Facebook is soliciting proposals in a broad range of topics relating to applications such as Augmented Reality (AR) and wearables, Virtual Realtiy (VR) products, other AR / VR form-factors, smart home social products, and more. Examples might include, but are not limited to, the following:

- novel proposals in silicon, hardware, OS / platform, supply-chain, or anti-tamper in this space — whether they are threats, attacks, or mitigations;
- user-verifiable privacy controls or privacy-preserving techniques in the context of unique sensors, data, and use cases;
- advancements in terms of identity, authentication, authorization, abuse-prevention, or biometrics, as they pertain to said devices and technologies;
- security and privacy advancements in voice assistants, smart devices, smart home cameras;
- novel security and privacy techniques for spatial mapping and localization, such as local attestation or point cloud geometry hashing; and

- any novel or new concepts in trust as applied to the AR / VR and smart devices space that warrant further exploration.

Facebook invites faculty to respond to this second call for research proposals that explore unique challenges, threats, attacks, mitigations, and other considerations in the burgeoning space of AR, VR, and smart devices. A total of up to eight awards are available this time, up to $75,000 each, depending on the specific requirements. Payment will be made to the proposer's host university as an unrestricted gift. For full details and to apply, please visit the [2021 Towards Trustworthy Products in AR, VR, and Smart Devices RFP page.](#)

Deadline: July 14, 2021

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Halo: Open Calls for Research Collaborations with Companies

Halo is a marketplace and network that moves science forward by connecting scientists directly with companies for research collaborations and funding opportunities. Currently, there are open calls for research proposals from the following companies:

- Reckitt;
- Baxter;
- Georgia Pacific;
- PepsiCo; and
- Valent.

Learn more about these companies and their research interests on the [Halo page](#), under the "Open Calls" tab.

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ND EPSCoR: Emerging Areas Seed Awards

ND EPSCoR seeks to provide emerging areas seed awards of up to $25,000 to researchers from the NSF EPSCoR RII Track-1 New Discoveries in the Advanced Interface of Computation, Engineering, and Science (ND-ACES) participating institutions in areas of emerging high impact and transformative research related to the Center for Cellular Biointerfaces in Science and Engineering ([CCBSE](#)).

Applications must be made by a researcher from Cankdeska Cikana Community College (CCCC), Dickinson State University (DSC), Mayville State University (MaSU), Minot State University (MiSU), Nueta Hidatsa Sahnish College (NHSC), North Dakota State University (NDSU), Sitting Bull College (SBC), Turtle Mountain Community College (TMCC), University of North Dakota (UND), or Valley City State University (VCSU) who is not currently associated with the 2020-2025 ND-ACES cooperative agreement or who did not receive a 2021 ND-ACES emerging seed award. Please see the Request For Applications for details.

Application Deadline: Noon, September 1, 2021

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NEA: American Rescue Plan Grants to Arts Organizations – 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.

NEA American Rescue Plan: Notify RCA by 07/08/2021, 4:00 p.m. if you are interested in submitting to this program.

The National Endowment for the Arts (NEA) Rescue Plan's Grants to Organizations program will be carried out through one-time grants to eligible organizations including, but not limited to, nonprofit arts organizations, local arts agencies, arts service organizations, units of state or local government, federally recognized tribal communities or tribes, and a wide range of other organizations that can help advance the goals of this program. See Eligibility for more information.

Grants will be made to eligible organizations to support their own operations. Unlike other Arts Endowment funding programs that offer project-based support, Rescue Plan funds are intended to support day-to-day business expenses / operating costs, and not specific programmatic activities. Cost share / matching

funds are not required.

Support is limited to any or all of the following:

- Salary support, full or partial, for one or more staff positions. Staff positions funded may not conduct work independent of the organization receiving funds.
- Fees / stipends for artists and / or contractual personnel to support the services they provide for specific activities as part of organizational operations.
  - Artist fees / stipends should be related to work with a tangible outcome, such as performances, presentations, workshops, and / or the creation of artwork. This is considered a stipend to the artist for the work undertaken during the period of performance. Such work must not be performed independently of the organization receiving funds.
- Facilities costs such as mortgage principal, rent, and utilities.
- Costs associated with health and safety supplies for staff and / or visitors / audiences (e.g., personal protective equipment, cleaning supplies, hand sanitizer, etc.).
- Marketing and promotion costs.

Rescue Plan funds may be used to support existing jobs, new jobs, or to restore jobs that were furloughed or eliminated due to the pandemic. Applicants may request a fixed grant amount for: $50,000, $100,000 or $150,000. A grant period of up to two years is allowed.

LIMITED SUBMISSION: An organization is limited to one application under the Rescue Plan's Grants to Organizations guidelines.

NIH: BRAIN Initiative – Data Analysis

The National Institutes of Health (NIH) *Brain Research Through Advancing Innovative Neurotechnologies* (BRAIN) Initiative is aimed at revolutionizing understanding of the

human brain. Currently, the BRAIN Initiative has open funding opportunities related to data analysis:

- **Secondary Analysis and Archiving of BRAIN Initiative Data** (R01 Clinical Trial Not Allowed) [RFA-MH-21-130]
  This Funding Opportunity Announcement (FOA) encourages secondary analysis of the large amounts of existing data relevant to the goals of the BRAIN Initiative. *Deadline: October 7, 2021*
- **Integration and Analysis of BRAIN Initiative Data** (R01 Clinical Trial Not Allowed) [RFA-MH-21-135]
  This FOA solicits applications to develop informatics tools for analyzing, visualizing, and integrating data related to the BRAIN Initiative or to enhance our understanding of the brain. *Deadline: October 15, 2021*

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NIH: Data Enhancements and Analyses to Clarify the Relationship between Education and Cognitive Function (including AD/ADRD) (R01 Clinical Trial Not Allowed)

This Funding Opportunity Announcement (FOA) [RFA-AG-22-025] invites applications that propose to add enhanced measures of educational experiences, cognitive function, or both to existing studies and / or to conduct analyses that incorporate these measures to clarify the relationship between education, cognition, and risk of Alzheimer's disease and Alzheimer's disease-related dementias (AD / ADRD), including the role of education in social disparities in AD / ADRD outcomes.

Deadline: October 20, 2021

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NSF: GERMINATION - Germination of Research Questions for Addressing Critical Societal Challenges – 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 GERMINATION: Notify RCA by 07/08/2021, 4:00 p.m. if you are interested in submitting to this program.

The NSF Directorate for Engineering GERMINATION program [NSF 21-594] aims to foster the development of pedagogical frameworks, platforms and / or environments to enable participants to formulate research questions and ideas with potentially transformative outcomes. The GERMINATION program invites proposals to design, test, evaluate and implement pedagogical frameworks, platforms and / or environments that enable participants to formulate research questions and ideas that have the potential to address critical societal challenges. In order to catalyze development of novel approaches, while simultaneously expanding the reach of pilot approaches which are already exhibiting promise, two tracks will be supported in Fiscal Year (FY) 2022:

- **GERMINATION Innovation** awards will fund projects to design, test and evaluate previously unexplored pedagogical frameworks, platforms and / or environments that have the explicit goal of enabling the participants to formulate research questions with potentially transformative outcomes. Projects submitted to the Innovation track must use the EArly-concept Grants for Exploratory Research (EAGER) proposal type.
- **GERMINATION Expansion** awards will fund projects that focus on development, implementation and scaling of evidence-based strategies for achieving GERMINATION goals. Projects supported under the Expansion track should focus on scaling previously piloted approaches with demonstrated efficacy to a regional or national sphere of activity, and will likely involve development of new collaborative relationships to establish networks capable of implementation beyond the pilot institution.

LIMITED SUBMISSION: Only 1 proposal may be submitted by a single organization.

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NSF: Investigator-Initiated Research Projects in Physics

The National Science Foundation (NSF) Division of Physics (PHY) has released the Investigator-Initiated Research Projects solicitation [NSF 21-593]. PHY supports physics research and the preparation of future scientists in the nation's colleges and universities across a broad range of physics disciplines that span scales of space and time from the largest to the smallest and the oldest to the youngest. The Division is comprised of disciplinary programs covering experimental and theoretical research in the following major subfields of physics: Atomic, Molecular and Optical Physics; Elementary Particle Physics; Gravitational Physics; Integrative Activities in Physics; Nuclear Physics; Particle Astrophysics; Physics at the Information Frontier; Physics of Living Systems; Plasma Physics; and Quantum Information Science. Principal Investigators (PIs) are encouraged to consider including specific efforts to increase diversity of the physics community and broaden participation of under-represented groups in Science, Technology, Engineering, and Mathematics (STEM).

Deadlines vary by program.

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

Contact Us