WE'D APPRECIATE YOUR OPINION

We are evaluating the effectiveness of this weekly newsletter (the RCA UPDATE) and would appreciate your input. The newsletter includes information such as grant opportunities and program changes, deadlines, notices, trainings, news, and other announcements and is sent to the campus each Monday.

To help us ensure we’re delivering the most value with this communications tool, we’d appreciate your feedback via a short survey. This survey will close on Friday, May 13.

Take Survey >>

RCA team members Kristy Shirley (15 years) and Vicki Miller (20 years) were recognized for their years of service at NDSU.
Foreign Affiliations and Federal Grants

Over the last several years, there has been increasing concern at the federal level regarding the potential for foreign influence in scientific research. Federal funding agencies are requiring commitment transparency – transparency and reporting of all research activities, both domestic and foreign, as part of the review of funding applications. NDSU remains committed to advancing its stature as a nationally and internationally recognized research university, engaged in transformative research and creative activity. We are equally committed to maintaining regulatory compliance in our research activities and demonstrating that we are responsible stewards of external funding (both public and private).

To comply with the most recent guidance, NDSU has updated its disclosure processes. Investigators applying to federal agencies are asked to disclose: 1) foreign affiliations, positions, and/or appointments at foreign entities, as well as 2) financial and in-kind contributions via the SFI and Foreign Affiliations Disclosure. Faculty are encouraged to discuss/disclose any invitations to join foreign talent programs with their department chair/head, dean or VP.

Note that in addition to disclosing your interests to NDSU, there is an obligation to disclose to individual sponsors. Review information related to specific funding agency requirements on our website, and when in doubt, disclose.

IBC Update: Novelution Module

The Novelution Institutional Biosafety Committee (IBC) Module will be launching soon for protocol submissions.

Faculty / Researcher training

May 17, 2022 @ 1:30pm in Microsoft Teams

Join the Novelution team and learn how to navigate and submit your IBC protocol.
For questions or to register for the training, please contact the IBC Office by phone at 231-8908, or email Amanda Wilkinson (amanda.wilkinson@ndsu.edu).

The sponsor emailed a grant agreement to you...now what?
Generally, a sponsor will send an agreement, award, or notice of intent to provide funding to Sponsored Programs Administration (SPA). In the event a PI receives this information, it should be forwarded to SPA as soon as possible. There are two ways you can forward the information to us:

1. You may forward the email and documents to: ndsu.research@ndsu.edu.
2. You may upload the email and documents to the Novelution record by using the ‘Submit Updated Sponsor Status’ panel. To do this, simply open the Novelution record, choose the ‘Submit Updated Sponsor Status’ panel, then complete the Status field, attach the email and document by drag and drop or clicking the purple button; you can also add notes, then click the Submit button.

Another potential scenario...perhaps you've received an award, but did not submit a proposal in Novelution:

1. Login to Novelution and create a proposal.
2. Upload the email and award documents in the Proposal Uploads Panel. Once the proposal approval process is completed, SPA will move forward with reviewing and accepting the award.

If you have any questions, call SPA at 701-231-8045 or email ndsu.research@ndsu.edu and we would be happy to help!

NSF Updates:
New Research.gov Proposal Preparation Functionality
Beginning in January 2023, all new proposals must be prepared and submitted in Research.gov or Grants.gov. FastLane will no longer be a preparation and
submission option. The National Science Foundation (NSF) strongly urges proposers to prepare and submit all eligible proposals in Research.gov now, to support a smooth transition from FastLane proposal preparation and submission to Research.gov in January 2023.

Beginning May 2, 2022, new Research.gov Proposal Features became available:

- **Expanded Where to Apply Options**: Proposers now have the ability to choose additional Directorate / Division / Program options (i.e., secondary units of consideration) to direct proposals to NSF. Refer to the Managing Where to Apply topic FAQs on the Research.gov About Proposal Preparation and Submission page for additional information.

- **Project Data Form**: The Project Data Form is now available in Research.gov and must be included in proposals for selected funding opportunities in the Directorate for Education and Human Resources (EHR) / Division of Undergraduate Education (DUE). See the Project Data Form topic FAQs on the Research.gov About Proposal Preparation and Submission page for details.

- **Separate Uploads of Multiple Supplementary Documents**: Proposers can now upload multiple PDF documents in the Other Supplementary Documents proposal section and will no longer need to combine documents into a single PDF prior to uploading.

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**Become a Bioenergy Technologies Project Reviewer**

The U.S. Department of Energy (DOE) Bioenergy Technologies Office is looking for a diverse pool of subject matter experts to review federal funding applications. They are striving to expand their reviewer pool to broaden participation and to create a more inclusive and equitable review process. Expertise areas include but are not limited to:

- Municipal solid waste preprocessing and utilization;
• Resource and energy recovery from organic waste streams;
• Local organic waste management strategies and impacts;
• Biochemical conversion especially on strain engineering; and
• Thermochemical conversion especially on catalyst development.

The team is especially interested in reviewers with a commitment to diversity, equity, and inclusion. To be considered, please send your resume and desired area of review to eere.bioenergy@ee.doe.gov no later than May 27, 2022.

Learn more about how to become a project reviewer.

Upcoming Events

• Hybrid Webinar: Innovation and Commercialization Research
  May 18, 2022 / Learn more >>

• NSF Virtual Grants Conference
  June 6-10, 2022 / Learn more >>

• AlCoRN Summit & DaCCoTA Symposium
  August 4-5, 2022 / Learn more >>

FUNDING OPPORTUNITIES

• DEPSCoR: Research Collaboration
• DOE: Batteries
• DOE: Carbon Management
• NEH: Media Projects
• NIH NOSI: Vaccine Hesitancy Among Health Disparity Populations
• NIH: Mapping Interconnectivity Among Hallmarks of Aging under Lifespan Modifications
• NSF: Disaster Resilience Research Grants
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.

- HRSA: Rural Public Health Workforce Training Network Technical Assistance Program
  First to Notify
- NSF: Physics Frontiers Centers
  Notification Deadline: 05/11/2022
- NIH: Director's Early Independence Award
  Notification Deadline: 05/25/2022
- NIH: Bridges to the Baccalaureate
  Notification Deadline: 06/15/2022
- NIH: Bridges to the Doctorate
  Notification Deadline: 06/15/2022

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?

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.

DEPSCoR: Research Collaboration

The Department of Defense (DoD) announces the fiscal year 2022 (FY22) Defense Established Program to Stimulate Competitive Research (DEPSCoR) – Research Collaboration (RC).

This funding opportunity [FOA-AFRL-AFOSR-2022-0006] aims to create basic research collaborations between a pair of researchers, namely 1) Applicant / Principal Investigator (PI), a full-time faculty member who has never served as a PI on a prior DoD directly funded research Prime award and 2) Collaborator / co-Principal Investigator (co-PI), an investigator who will provide mentorship to the Applicant and has served as a PI on a DoD directly funded research Prime award active between 1 October 2015 and 30 September 2022. This structure is aimed at introducing potential applicants to the DoD’s unique research challenges and its supportive research ecosystem.

White paper deadline: September 19, 2022

DOE: Batteries

The Department of Energy (DOE) Office of Energy Efficiency and Renewable Energy (EERE) has released funding opportunity announcements:

- Bipartisan Infrastructure Law (BIL) Electric Drive Vehicle Battery Recycling and Second Life Applications
DE-FOA-0002680
Concept paper deadline: May 31, 2022; 4pm

• Bipartisan Infrastructure Law (BIL) Battery Materials Processing and Battery Manufacturing
DE-FOA-0002678
Letter of intent deadline: May 27, 2022; 4pm

DOE: Carbon Management
This funding opportunity announcement (FOA) [DE-FOA-0002614] aims to expand the Department of Energy, Office of Fossil Energy and Carbon Management’s (DOE FECM’s) carbon management portfolio through support for research and development (R&D) projects in the programmatic areas of Carbon Conversion, Carbon Dioxide Removal, Point Source Carbon Capture, and Carbon Storage.

Deadline: July 5, 2022

NEH: Media Projects
The Media Projects program supports the development, production, and distribution of radio programs, podcasts, documentary films, and documentary film series that engage general audiences with humanities ideas in creative and appealing ways. Projects must be grounded in humanities scholarship and demonstrate an approach that is thoughtful, balanced, and analytical. Media Projects offers two levels of funding: Development and Production.

There will be a webinar about applying for Media Projects grants on May 24, 2022 at 1:00 p.m. Join the webinar >>

Optional draft deadline: July 6, 2022
Application deadline: August 10, 2022
NIH NOSI: Research to Address Vaccine Hesitancy, Uptake, and Implementation among Populations that Experience Health Disparities

This Notice of Special Interest (NOSI) [NOT-MD-22-006] highlights the need for research on strategies and interventions to address vaccine hesitancy, uptake, and implementation among populations who experience health disparities in the US and its territories.

Research is needed to understand and address misinformation, distrust, and hesitancy regarding uptake of vaccines (e.g., SARS-CoV-2, pneumococcal, influenza, hepatitis B, human papilloma virus (HPV)) among adults in the United States and territories, especially in populations at increased risk for morbidity and mortality due to long-standing systemic health and social inequities and chronic medical conditions. This NOSI is focused on adults 18 years and older except for SARS-CoV-2 and HPV-related vaccine topics, which may include eligible children and adolescents.

The purpose of this NOSI is to solicit research to:

1. evaluate community-engaged interventions (e.g., expand reach, increase access, address psychosocial barriers) to facilitate vaccination uptake in clinical and community contexts;
2. evaluate organizational, local, state, and federal policies and initiatives that mitigate or exacerbate disparities in vaccine access, uptake, and series completion, and
3. understand and address barriers to increasing reach, access, and uptake of vaccinations among populations who experience health disparities.

This NOSI expires January 8, 2023

NIH: Mapping Interconnectivity Among Hallmarks of Aging under Lifespan Modifications (R01 Clinical Trial Not Allowed)

This Funding Opportunity Announcement (FOA) [RFA-AG-23-013] solicits research projects with the goal of increasing our understanding of the interactions among hallmarks of aging and their regulation. Research supported by this FOA should explore the timing and possible priorities (hierarchy) among the hallmarks in various cells / tissues across the normal lifespan, and whether the interactions between the hallmarks are an adaptive
response to maintain health at different stages of life. This is one of three inter-connected FOAs with an overarching focus on the interactions of aging hallmarks as a framework for innovative research in aging biology.

See also these companion opportunities:

- **Inter-Organelle Communication as a Platform to Interrogate the Interactions of Hallmarks of Aging**  
  [RFA-AG-23-012, R01 Research Project]
- **Studies of Cytosolic DNAs in the Interactions of Aging Hallmarks**  
  [RFA-AG-23-015, R01 Research Project]

Deadline: October 11, 2022

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**NSF: Disaster Resilience Research Grants**

With this joint solicitation [NSF 22-593], the National Science Foundation (NSF) and the U.S Department of Commerce (DOC) National Institute for Standards and Technology (NIST) call for proposals for research to advance fundamental understanding of disaster resilience in support of improved, science-based planning, policy, decisions, design, codes, and standards.

Letter of intent deadline: June 30, 2022

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**NSF: Leading Engineering for America’s Prosperity, Health, and Infrastructure (LEAP HI)**

The LEAP HI program [NSF 22-594] challenges the engineering research community to take a leadership role in addressing demanding, urgent, and consequential challenges for advancing America’s prosperity, health and infrastructure.

- LEAP HI supports fundamental research projects involving collaborating investigators, of duration up to five years, with total budget between $1 million and $2 million.
- LEAP HI proposals must articulate a fundamental research problem with compelling intellectual challenge and significant societal impact, particularly on
economic competitiveness, quality of life, public health, or essential infrastructure. One or more CMMI core topics must lie at the heart of the proposal, and integration of disciplinary expertise not typically engaged in CMMI-funded projects is encouraged.

- LEAP HI proposals must include an Engineering Leadership Plan that creatively communicates the excitement of engineering research to the general public, and particularly to future engineers, as the project unfolds.
- LEAP HI proposals must demonstrate the need for a sustained research effort by an integrated, interdisciplinary team and include a Research Integration Plan that provides a timeline for research activities and clearly explains how the project will be managed to ensure effective integration of project thrusts.

*Letter of intent deadline: July 15, 2022*

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**Russell Sage Foundation: Social Science Research**

The Russell Sage Foundation (RSF) will accept letters of inquiry (LOIs) under all of its core programs and special initiatives:

- **Behavioral Science and Decision Making in Context**;
- **Future of Work**;
- **Immigration and Immigrant Integration**;
- **Race, Ethnicity and Immigration**;
- **Social, Political, and Economic Inequality**.

In addition, RSF will also accept LOIs relevant to any of its core programs that address the effects of social movements, such as drives for unionization and mass social protests, and the effects of racial / ethnic / gender bias and discrimination on a range of outcomes related to social and living conditions in the United States.

*Letter of inquiry deadline: July 27, 2022; 1pm*

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**Hybrid Webinar: Innovation and Commercialization Research**

*May 18, 2022 | 8am-12pm*
The Professional Development Core of the Dakota Cancer Collaborative on Translational Activity (DaCCoTA), in collaboration with the Office of Translational Alliances and Coordination (OTAC) of the National Heart, Lung, and Blood Institute (NHLBI) of the National Institutes of Health (NIH), South Dakota Biotech, and the University of South Dakota’s Technology Transfer office will host a hybrid webinar covering innovation and commercialization in research on **May 18th, 2022 from 8 a.m.-12 p.m.**

The agenda is as follows:

- **8:00 to 8:30 am**
  Introductions – Dr. Lee Baugh, University of South Dakota (USD) and Mr. Christian Buresh, USD

- **8:30 to 9:15 am**
  Introduction to the small business innovation programs at the National Institutes of Health (NIH) with a focus on the National Cancer Institute (NCI) – Dr. Kory Hallett, NCI

- **9:15 to 9:45 am**
  Commercialization resources available at the NIH with focus on the National Heart, Lung, and Blood Institute (NHLBI) – Dr. Kathleen Rousche, NHLBI

- **9:45 to 10:00 am**
  Break

- **10:00 to 10:15 am**
  An example of an early-stage program for primary investigators interested in commercializing their research – Dr. Mike Pieck, NHLBI

- **10:15 to 11:00 am**
  Why protecting intellectual property is important for commercialization and how to do it using your technology transfer office – Dr. Beth Lambeth, USD and Dr. Gautam Prakash, NHLBI

- **11:00 am to 12:00 pm**
  Open Q&A with NIH staff, Dr. Lee Baugh, USD and Dr. Beth Lambeth, USD
Register at the following link: https://usd.zoom.us/meeting/register/tJcvd-GrrTktGNS_jeMBhDsz57Ja4cijq_ga

Breakfast and in-person viewing will be available at the following locations:
- School of Medicine Room E226 at the University of North Dakota
- Aldevron Tower 150 at North Dakota State University
- LM103 at University of South Dakota (Vermillion Campus)

**NSF Virtual Grants Conference**

**June 6-10, 2022**

Registration Opens May 11, 2022; 11am

Join the National Science Foundation for the Spring 2022 NSF Virtual Grants Conference, to be held during the week of June 6-10, 2022.

The conference is designed to give new faculty, researchers, and administrators key insights into a wide range of current issues at NSF. NSF program officers will provide up-to-date information about specific funding opportunities and answer attendee questions.

Highlights include:
- new programs and initiatives;
- NSF Directorate sessions;
- future directions and strategies for national science policy;
- proposal preparation and the merit review process; and
- award management topics.

Registration will be free of charge and opens on Wednesday, May 11, 2022 at 11am. [Sign up here](#) to be notified of conference registration details. For those who cannot attend the live conference, all conference sessions will be available on-demand shortly after the event.
Save the Date: 2022 Annual AICoRN Summit & DaCCoTA Symposium

August 4-5, 2022 | Sioux Falls, SD

The American Indian Collaborative Research Network (AICoRN) Summit & Dakota Cancer Collaborative on Translational Activity (DaCCoTA) Symposium events will include education opportunities, poster sessions, DaCCoTA Awardee presentations, and networking opportunities. For additional information about the symposium please visit: med.UND.edu/daccota/symposium.html.

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.
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.