

June 14, 2021

NDSU communication faculty member receives research award

NDSU assistant professor of communication Shuning Lu has received a \$10,000 Mass Communication and Society (MCS) Research Award from the Association for Education in Journalism and Mass Communication. Conferred annually, the MCS Research Award supports both faculty and students who conduct research in the field of mass communication. Lu found the opportunity via [SPIN](#), the NDSU funding database.

Lu's research is a collaboration with assistant professor at Hong Kong Baptist University Luwei Rose Luqiu. The two will study the dynamics of journalist-audience relationships on social media in the context of Hong Kong. Specifically, Lu and Luqiu are interested in learning how audiences form their expectations and evaluations of journalists' social media use and how these attitudes in turn impact audiences' interaction with journalists on social media.

Lu teaches media writing and broadcast production at the undergraduate level and quantitative research methods at the graduate level at NDSU. She notes that while the debate over whether journalists should express their personal views on social media has been going on for years, a recent incident involving the Associated Press firing a journalist who tweeted pro-Palestinian opinions has created new interest in the topic.



“We hope our work will provide insights into how journalists could make better use of social media to inform and connect with the public, enhance their professional image, and restore media trust in a polarized society with constrained press freedom,” Lu said. “Based upon our findings, we hope that news organizations can adjust their rules and ethical codes regarding journalists’ use of social media.”

[Read more >>](#)

Workshops for Health Professionals

June 24, 2021 / 8:30am-12:30pm

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.

New Grant and Contract Term - Federal Funding

Many sponsors have started including a new term in their award documents, as well as amending current awards to include this new term. This new term is a required element on compliance with a prohibition on certain telecommunications and video surveillance services or equipment. The [National Defense Authorization Act \(NDAA\) of 2019](#), Section 889, prohibits NDSU's involvement with specific restricted parties. These terms are applicable to NDSU, as well as any **subawardees and vendors** that are included or utilized on a funded project.

This new term prohibits the expenditure of federal award funds (**including cost share** and program income) on telecommunications or video equipment or services (including extensions or renewals of services) from certain identified foreign technology companies, as well as any subsidiary or affiliate of these companies (e.g. "restricted parties").

Under NDAA Section 889, the identified restricted parties are:

- Huawei Technologies Company,
- ZTE Corporation,
- Hytera Communications Corporation,
- Hangzhou Hikvision Digital Technology Company, and
- Dahua Technology Company.

NDSU is restricted from using or providing to the Government any of the equipment or services described above, from any of the identified companies.

NDSU uses Visual Compliance, an electronic compliance solution that screens numerous federal government lists for restricted parties. In the fall of 2018, in anticipation of Section 889 of the National Defense Authorization Act (NDAA) becoming effective, NDSU had these companies added to a list in Visual Compliance, so that attempted purchases from these companies would be flagged. Visual Compliance, which is integrated with PeopleSoft, runs an automatic daily screening for restricted parties. Manual searches can also be done as necessary.

With the safeguard of Visual Compliance in place, it is unlikely that NDSU has equipment or services from these restricted parties, at least in terms of purchases made starting in the Fall of 2018. However, the prohibition also applies to vendors, and requires a certification from the vendor that what they are supplying to NDSU is not from any of the identified restricted parties. Purchasing is working on

implementation of a process for certifications from vendors.

Prior to placing orders in excess of \$10,000, Purchasing checks to ensure that a vendor is not on a restricted list. For orders less than \$10,000, Accounting will not pay vendor invoices if a vendor is not in Visual Compliance. Once entered into Visual Compliance, the system screens the vendor against the restricted lists.

Questions about telecommunications or video equipment or services being used by or purchased for a project should be directed to [Purchasing](#). They can identify if the vendor is one of the restricted parties.

Tip for researchers using ASSIST and Grants.gov

Two of the federal proposal submission websites, Grants.gov and ASSIST, contain functionality that enables a researcher to copy an *old* application for a *new* funding opportunity notice. These systems do their “best” to copy all the documents from the old application, and load a new application package with the correct forms for the new opportunity. All the information is transferred onto the new forms. Please reach out to ndsu.research@ndsu.edu for assistance using this feature in either Grants.gov or ASSIST.

CONTENTS

FUNDING OPPORTUNITIES

- [DoD ARI: Behavioral and Social Sciences](#)
- [NDSU Foundation: Impact Fund](#)
- [NEH: Infrastructure and Capacity Building Challenge Grants – LIMITED](#)
- [NIH: Exploratory Studies to Investigate the Mechanisms of Interrelationship Between Sleep and Substance Use Disorders](#)

- [NIH: Innovative Programs to Enhance Research Training](#)
- [NIH: Short Courses on Interdisciplinary Behavioral and Social Sciences Research on Aging](#)
- [NSF: Environmental Sustainability](#)
- [NSF: Fluid Dynamics](#)
- [NSF: Plant Genome Research Program](#)
- [Open Technology Fund](#)

EVENTS

- [SHARPhub Webinars for Innovators and Entrepreneurs](#)
- [Virtual DEPSCoR Day](#)
- [Dakota Cancer Collaborative on Translational Activity \(DaCCoTA\) Virtual Symposium](#)

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: Director's Early Independence Awards](#)
Notification Deadline: 06/16/2021
- [NIH: Bridges to the Baccalaureate](#)
Notification Deadline: 06/30/2021
- [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 ndsuh.researchdev@ndsuh.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 ndsuh.researchdev@ndsuh.edu.

DoD ARI: Behavioral and Social Sciences BAA

The Army Research Institute (ARI) is the Army's lead agency for the conduct of research, development, and analyses for the improvement of Army readiness and performance via research advances and applications of the behavioral and social sciences that address personnel, organization, and Soldier and leader development issues. Programs funded under this [Broad Agency Announcement \(BAA\)](#) include basic research, applied research, and advanced technology development that can improve human performance and Army readiness.

Topic areas of interest include:

- Understanding Team Dynamics;
- Improving Leadership and Leader Development;
- Identifying, Assessing, and Assigning Quality Personnel;
- Enhancing Lifelong Learning.

This BAA is open through April 29, 2023

NDSU Foundation: Impact Fund

The NDSU Foundation Grants Committee is accepting applications for the 2021 Impact Fund Grant Program, which provides funding for projects that make a significant impact on excellence and the educational experience for students at North Dakota State University. The Impact Fund Grant Program offers grants of \$20,000 to \$75,000 and is supported by annual contributions from alumni and friends of the University.

Applications are accepted from faculty, staff, and recognized student groups.

For additional information and to apply, go to: <https://www.ndsufoundation.com/impact-fund>.

Email Janna Swanson, NDSU Foundation Grants Committee liaison, at janna.swanson@ndsufoundation.com, with further questions.

Deadline: July 26, 2021

NEH: Infrastructure and Capacity Building Challenge Grants – 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.

NEH Challenge Grants: [Notify RCA](#) by 07/14/2021, 4:00 p.m. if you are interested in submitting to this program.

The purpose of the [Challenge Grants program](#) is to strengthen the institutional base of the humanities by enabling infrastructure development and capacity building.

Awards aim to help institutions secure long-term support for their core activities and expand efforts to preserve and create access to outstanding humanities materials. The program funds two distinct types of projects, each with its own notice of funding opportunity:

- **Capital Projects** supports the design, purchase, construction, restoration, or renovation of facilities for humanities activities. This includes the purchase and installation of related moveable and permanently affixed equipment for exhibiting, maintaining, monitoring, and protecting collections (whether on exhibit or in storage), and for critical building systems, such as electrical, heating ventilation and air conditioning, security, life safety, lighting, utilities, telecommunications, and energy management.
- **Digital Infrastructure** supports the maintenance, modernization, and sustainability of existing digital scholarly projects and platforms.

This program requires matching funds.

LIMITED SUBMISSION: NDSU may submit one proposal to this program per calendar year.

^^

NIH: Exploratory Studies to Investigate the Mechanisms of Interrelationship Between Sleep and Substance Use Disorders (R61/R33 Clinical Trials Not Allowed)

The purpose of this Funding Opportunity Announcement [[RFA-DA-22-016](#)] is to support research project applications that are developmental and exploratory in nature to expand our knowledge on the basic neurobiology of the interrelationship between sleep and substance use disorders (SUDs). These mechanistic studies will not only offer an insight into the fundamental processes that link substance use disorders to disorders of sleep regulation and vice-versa but may also have implications for managing the risk for the development of SUDs and identifying new targets for prevention and therapeutics.

Deadline: October 14, 2021

^^

NIH: Innovative Programs to Enhance Research Training (IPERT) (R25)

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and / or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

To accomplish the stated over-arching goal, this Funding Opportunity Announcement (FOA) [[PAR-21-196](#)] will support creative educational activities with a primary focus on ***Courses for Skills Development*** and ***Mentoring Activities***.

The National Institute of General Medical Sciences (NIGMS) will support creative educational activities designed to equip a diverse cohort of participants with the technical, operational, and professional skills required for careers in the biomedical research workforce. Funded programs are expected to have robust evaluation, outreach, dissemination, and sustainability plans.

Deadline: October 14, 2021

^^

NIH: Short Courses on Interdisciplinary Behavioral and Social Sciences Research on Aging (R25 - Clinical Trial Not Allowed)

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that complement and / or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

To accomplish the stated over-arching goal, this Funding Opportunity Announcement (FOA) [[RFA-AG-22-009](#)] will support creative educational activities with a primary focus on ***Courses for Skills Development***.

The goal of this FOA is to support short courses geared towards advancing selected priority topic areas identified by the National Institute on Aging (NIA) in order to advance

research in the behavioral and social sciences. This FOA targets the following three priority research areas:

1. genomics for social scientists;
2. interdisciplinary social science research in aging; and
3. reproducibility in the social and behavioral sciences.

Responsive applications will incorporate material on how the particular methodology or topic of focus can be employed to improve scientific understanding of the mechanisms underlying disparities in the aging process / aging outcomes or how such disparities can be reduced. Additional goals of the FOA are to help recruit new and diverse research investigators into aging research and to provide course participants with formal and informal opportunities to interact with one another and with course faculty (in order to provide individual attention and to facilitate the formation of research collaborations).

Deadline: October 4, 2021

^^

NSF: Centers for Chemical Innovation

The Centers for Chemical Innovation (CCI) Program [[NSF 21-587](#)] supports research centers focused on major, long-term fundamental chemical research challenges. CCIs that address these challenges will produce transformative research, lead to innovation, and attract broad scientific and public interest. CCIs are agile structures that can respond rapidly to emerging opportunities through enhanced collaborations. CCIs integrate research, innovation, education, broadening participation, and informal science communication.

The CCI Program is a two-phase program. Both phases are described in this solicitation. Phase I CCIs receive significant resources to develop the science, management and broader impacts of a major research center before requesting Phase II funding. Satisfactory progress in Phase I is required for Phase II applications; Phase I proposals funded in FY 2022 will seek Phase II funding in FY 2025.

The FY 2022 Phase I CCI competition is open to projects in all fields supported by the Division of Chemistry, and must have scientific focus and the potential for transformative impact in chemistry. The NSF Division of Chemistry particularly encourages fundamental

chemistry projects aligned with articulated budget priorities, including Advanced Manufacturing, Artificial Intelligence, Biotechnology, Climate Research and Sustainability, and Quantum Information Science.

Pre-proposal deadline: August 23, 2021

^^

NSF: Environmental Sustainability

The goal of the Environmental Sustainability program [[PD 21-7643](#)] is to promote sustainable engineered systems that support human well-being and that are also compatible with sustaining natural (environmental) systems. These systems provide ecological services vital for human survival. Research efforts supported by the program typically consider long time horizons and may incorporate contributions from the social sciences and ethics. The program supports engineering research that seeks to balance society's need to provide ecological protection and maintain stable economic conditions.

There are four principal general research areas that are supported:

- industrial ecology,
- green engineering,
- ecological engineering, and
- Earth systems engineering.

All proposed research should be driven by engineering principles, and be presented explicitly in an environmental sustainability context. Proposals should include involvement in engineering research of at least one graduate student, as well as undergraduates. Incorporation of aspects of social, behavioral, and economic sciences is welcomed.

Full Proposals Accepted Anytime

^^

NSF: Fluid Dynamics

The Fluid Dynamics program [[PD 21-1443](#)] supports fundamental research toward gaining an understanding of the physics of various fluid dynamics phenomena. Proposed research should contribute to basic scientific understanding via experiments, theoretical

developments, and computational discovery.

Major areas of interest and activity in the program include:

- turbulence and transition,
- bio-fluid physics,
- non-Newtonian fluid mechanics,
- microfluidics and nanofluidics,
- wind and ocean energy harvesting,
- fluid-structure interactions,
- canonical configurations,
- artificial intelligence / machine learning, and
- instrumentation and flow diagnostics.

Full Proposals Accepted Anytime

^^

NSF: Plant Genome Research Program

The Plant Genome Research Program (PGRP) [[NSF 21-507](#)] supports genome-scale research that addresses challenging questions of biological, societal and economic importance. PGRP encourages the development of innovative tools, technologies and resources that empower a broad plant research community to answer scientific questions on a genome-wide scale. Emphasis is placed on the scale and depth of the question being addressed and the creativity of the approach. Data produced by plant genomics should be usable, accessible, integrated across scales, and of high impact across biology. Training, broadening participation, and career development are essential to scientific progress and should be integrated in all PGRP-funded projects.

Two funding tracks are currently available:

1. **RESEARCH-PGR TRACK:** Genome-scale plant research to address fundamental questions in biology, including processes of economic and / or societal importance.
2. **TRTech-PGR TRACK:** Tools, resources and technology breakthroughs that further enable functional plant genomics.

Proposals are accepted at anytime.

^^

Open Technology Fund

The Open Technology Fund ([OTF](#)) is an independent non-profit organization committed to advancing global Internet freedom. OTF supports projects focused on counteracting repressive censorship and surveillance, enabling citizens worldwide to exercise their fundamental human rights online. Through the research, development, implementation, and sustainability of technologies that facilitate the free flow of information, increase at-risk users' digital security, and enable free expression, the OTF community is working to shape the Internet as a platform that fosters unimpeded connection and collaboration - facilitating positive social progress and reinforcing core democratic values.

OTF supports both individuals and projects through several different funding mechanisms:

- Projects
 - [Internet Freedom Fund](#)
 - [Rapid Response Fund](#)
 - [Labs](#)

Deadlines are rolling.

[^^](#)

SHARPhub Webinars for Innovators and Entrepreneurs

The [SHARPhub Program](#) assists life science innovations that have been developed (or are developing) into a startup company with its headquarters and R&D operations in Kansas, Oklahoma, Nebraska, North Dakota, or South Dakota. SHARPhub is hosting a number of upcoming webinars:

June 21, 2021 / 8:30am-1pm

SBIR / STTR Proposal Prep for NIH

Discover the differences between SBIR and STTR, review how to navigate the NIH's SBIR website to research awarded projects, learn how to prepare an SBIR proposal, and find out how to avoid common pitfalls.

[Register now >>](#)

June 22, 2021 / 2-3pm

Entrepreneur Workshop Series: Licensing and Partnering agreements

Join the next session in this workshop series, hosted by NIA Office of Small Business Research (OSBR) and the National Heart, Lung, and Blood Institute Small Business Program. The workshop includes breakout rooms on startup and university license agreements, partnerships and collaboration agreements, and negotiation tips.

[Register now >>](#)

[^^](#)

Virtual DEPSCoR Day

Wednesday, June 23, 2021 | 9am-4pm

The Defense Established Program to Stimulate Competitive Research (DEPSCoR) is holding a virtual DEPSCoR Day which will include overviews of currently open funding opportunities, various panel sessions, and breakout sessions with Program Officers representing the topics in the [Research Collaboration funding opportunity announcement](#). The tentative agenda is as follows:

9:00 AM: Welcome and Opening Remarks, Dr. Bindu Nair, Director, Basic Research

9:30 AM: Session 1: DEPSCoR Collaborative Research and Capacity Building FOAs

10:15 AM: Session 2: Tri-Service Basic Research Offices Overviews

11:00 AM: Session 3: Engagement and Brainstorming Ideas with Program Officers

11:30 AM: Lunch Break

12:30 PM: Session 4: Previous DoD-funded Researchers

1:00 PM: Session 5: DEPSCoR Awardees Lessons Learned

1:30 PM: Session 6: DEPSCoR Application Submission: Noblis nVision

2:00 PM: Break

2:30 PM: Session 7: DEPSCoR FY21 Topic Breakout Sessions

To participate in the Virtual DEPSCoR Day, you must [register](#) in advance no later than June 16, 2021.

You are encouraged to register early as space is limited. If you register and find you can no longer attend, please cancel your registration so we can accommodate as many participants as possible.

[^^](#)

Dakota Cancer Collaborative on Translational Activity (DaCCoTA) Virtual Symposium

June 18, 2021 / 8am-5pm

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

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.