

Meet NDSU's New Assistant Professors

Throughout the year, RCA will be highlighting new faculty in the weekly newsletter.

Full profiles are available on the [RCA website](#).

Veeshan Rayamajhee, Ph.D.

Agribusiness and Applied Economics

What are your primary research and scholarly interests?

I am interested in understanding individual and collective responses to disasters and covariate shocks. My other areas of interests include climate adaptation, social capital, social entrepreneurship, food security, and environmental externalities.



Where are you from and where did you pursue your education?

I am originally from Nepal. I went to Bryn Athyn College, PA for my undergraduate studies. I completed my Ph.D. in economics from the University of New Mexico with specializations in natural resource/environmental economics and sustainable development.

What excites you about NDSU?

I love that I get to live and work in downtown Fargo. I enjoy interacting with my colleagues in the Department of Agribusiness and Applied Economics and the Center for the Study of Public Choice and Private Enterprise (PCPE). I am most excited to work towards developing a new interdisciplinary research program. And, next fall, I get to teach a course on New Institutional Economics!

What motivates you?

Field work. Economists work with data and formal theories. That can lead us to reduce human motivations and actions into impersonal data points or some

mathematical equations. My interactions with the 'subjects' of study have refined my work and profoundly influenced the way I see things.

[Learn more about Veeshan >>](#)

Foreign Influence and Federal Grants

Over the last two years, there has been an increasing concern at the federal level regarding foreign influence in scientific research. Recently, a Dear Colleague letter was released by Kelvin Droegemeier, director of the Office of Science and Technology Policy. Learn more about this letter, read responses from other federal agencies, and find RCA staff contacts who can help answer questions and guide you through the process of working with international collaborators:

https://www.ndsu.edu/research/for_researchers/foreigninfluence/

Website Changes and Consent Forms: Time to Update?

Research and Creative Activity recently updated our website. What does that mean for you? If your consent forms reference the IRB website at **ndsu.edu/irb** or **ndsu.edu/research/irb**, these links will be going away. IT has granted a six-month window where these short links will redirect to our current site. So, the next time you print a new batch of consent forms, or update your online survey, please update any references to the IRB site!

New IRB Site Location:

www.ndsu.edu/research/for_researchers/research_integrity_and_compliance/institutional_review_board_irb/

On August 19, the Office of Research and Creative Activity (RCA) launched a [new website](#). Our goal was to create a more user-friendly site to provide the NDSU

community with information as quickly as possible. If you have questions, or would like to provide feedback, see the [Contacts Page](#).

Updates: IACUC Guiding Principles

In September the NDSU Institutional Animal Care and Use Committee ([IACUC](#)) updated two [Guiding Principles](#). The [Blood Collection](#) Guiding Principle was updated to provide parameters for the use of retro-orbital blood collections and the [Training Requirements](#) Guiding Principle was updated to clarify the requirement for online species specific training.

For questions regarding the NDSU Guiding Principles, please contact Dr. Neil Dyer (neil.dyer@ndsu.edu) or Josie Hayden (josie.hayden@ndsu.edu).

Delays in Processing USDA-NIFA Projects

USDA-NIFA has recently notified the research community that it is experiencing significant delays in processing all Capacity projects and Capacity change requests due to NIFA's transition to Kansas City. NIFA is working to address the situation, and will process these projects as soon as possible. There is currently no estimation of a timeline, but NIFA will provide updates as soon as more information is available.

Program Changes Coming to NSF Social, Behavioral, and Economic Sciences Directorate

The Social, Behavioral, and Economic Sciences Directorate (SBE) at the National Science Foundation (NSF) is making changes to several of its longstanding programs which will go into effect for deadlines and solicitation due dates after January 1, 2020. These changes are intended to help policymakers and members of the public better understand the value of the

research funded by SBE. However, the repositioning is **not** intended to dramatically alter the types of research SBE supports.

Repositioned programs in the [Behavioral and Cognitive Sciences \(BCS\) Division](#) are:

- [Human Networks and Data Science](#): An evolution of the former RIDIR (Resource Implementations for Data Intensive Research in the Social, Behavioral, and Economic Sciences) competition, this program supports the use of large and multifaceted data to examine an expansive and fast-evolving set of complex human networks and systems.
- [Linguistics](#): The change continues a partnership with the National Endowment for the Humanities' Documenting Endangered Languages program and integrates program management into NSF's diverse Linguistics Program. It renames NSF's contribution to this partnership [Dynamic Language Infrastructure \(DLI\)](#) to more accurately capture the fundamental science that NSF funds in this important area of study.
- [Science of Learning and Augmented Intelligence](#): This program builds on the successes of the former Science of Learning Program. It now incorporates basic research about how alterations to human contexts and relationships can bolster human intelligence, performance, and productivity.

Repositioned programs in the [Social and Economic Sciences \(SES\) Division](#) are:

- [Security and Preparedness](#) and [Accountable Institutions and Behavior \(AIB\)](#): These two programs build from transformative basic research done by political scientists and other researchers.
 - Security and Preparedness supports scientific research that advances knowledge and understanding of issues broadly related to global and national security.
 - AIB supports scientific research that advances knowledge and understanding of issues broadly related to attitudes, behavior, and institutions connected to decision making processes, the provision of essential services, and accountability mechanisms in a range of public sector contexts.

- The two programs coordinate to ensure that basic research in these areas effectively serves a broad range of critical national interests.
- [Law and Science](#): This program is an expansion of the former Law and Social Science Program to support basic social science research on relationships between law and all areas of science, including interactions with biological, computer and information sciences, STEM education, engineering, geosciences, and mathematical and physical sciences.
- [Science of Science: Discovery, Communication, and Impact](#): This evolution of the former Science of Science and Innovation Policy Program focuses on basic research that can increase the productivity of scientific workflows, our nation's capacity to communicate it accurately and effectively, and the value of that work to society.
- [Ethical and Responsible Research](#): This evolution of the former Cultivating Cultures for Ethical STEM Program supports research on how to help scientists do work that is more replicable, reproducible, and ethical.
- [Science and Technology Studies](#): This evolution of the former Science, Technology, and Society Program aligns with progress in this research community and seeks new ways to support research on how to better understand and improve science's societal impacts.

For more information, please read the full text of the [NSF SBE Dear Colleague Letter](#).

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Need to update your profile?
Click here to learn how!

American Foundation for Suicide Prevention

The American Foundation for Suicide Prevention ([AFSP](#)) raises awareness, funds scientific research, and provides resources and aid to those affected by suicide.

To advance this mission, AFSP is inviting applications for several [grant programs](#):

- **Standard Research Innovation Grants**
Up to \$100,000 over 2 years / [Download Policy Document >>](#)
- **Young Investigator Innovation Grants**
Up to \$90,000 over 2 years / [Download Policy Document >>](#)
- **Pilot Innovation Grants**
Up to \$30,000 over 1-2 years / [Download Policy Document >>](#)

AFSP welcomes all applications related to preventing suicide, with recent priority areas including how pain or opioids intersect with suicide. AFSP also maintains a strong interest in research related to survivors of suicide loss.

Application Deadline: November 15, 2019



Bill & Melinda Gates Foundation Global Grand Challenges: Voices for Economic Opportunity

The Bill & Melinda Gates Foundation is [seeking proposals](#) for creative, scalable, strategic new ways to generate awareness of the structural and historic barriers to economic mobility; to communicate that poverty is not just something that happens to other people and everyone is deserving of the chance to move out of it; and to change the predominant misconceptions about poverty in a way that creates the conditions for effective programs and policies to be adopted by the public and private sectors.

Highest priority will be given to proposals that:

- Highlight barriers to economic mobility as well as the impact of biases, intersectionality, and ideas around deservingness related to race, gender, ethnicity, religion, national origin, sexual orientation, age, physical and mental health, ability, and geography;
- Highlight the voices of individuals experiencing poverty;
- Highlight ideas for distributing these perspectives.

A few of the many **types of concepts** that will be considered include (but are not limited to):

- Integrating lessons learned from past or present poverty-alleviation programs, both successes and failures;
- Engaging a range of voices that highlights the causes and consequences of poverty and identifies key windows of opportunity for the most effective change;
- Incorporating technology, digital platform, or social network ideas with demonstrated value in enhancing dissemination in support of positive social change.

For more information, read the [program guidelines](#).

Proposal Deadline: November 13, 2019; 1:30pm Central

[Track this opportunity in Pivot >>](#)

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NSF: Archaeology

The goal of the Archaeology Program is to fund research which furthers anthropologically relevant archaeological knowledge. In accordance with the National Science Foundation's mission such research has the potential to provide fundamental scientific insight. While within the broad range of "archaeology" the focus is on projects judged to be significant from an anthropological perspective, the Program sets no priorities based on time period, geographic region or specific research topic. Senior Archaeological Research Grants [\[NSF PD 98-1391\]](#) are normally two to three years in duration. In the US Government fiscal year 2018 (FY18), the average award (including both direct and indirect costs) was approximately \$172,000 with individual grants ranging from \$29,000 to \$312,000 in size.

Application Deadline: December 2, 2019

[Track this opportunity in Pivot >>](#)

The program also funds High Risk Research in Biological Anthropology and/or Archaeology (HRRBAA) [\[NSF 19-570\]](#). This competition is designed to permit the submission of high-risk, exploratory proposals that can lead to significant new anthropological knowledge. Because of a highly competitive environment, proposals that have both a high risk of failure and the potential for significant

payoffs are less able to compete with standard research proposals. This program is designed to provide a mechanism whereby risky proposals with a great potential for advancement of the discipline can compete for funding. The risk involved in such endeavors must significantly exceed that associated with regular archaeology research projects. "Risk" in this context refers to risk of project failure and not risk of site destruction. The competition is also not intended to provide "start-up" grants. Maximum awards are limited to \$35,000 in total cost and proposals may be submitted at any time. They are evaluated by ad hoc reviewers only. In FY18 the HRRBAA program did not make any high risk awards.

[Track this opportunity in Pivot >>](#)

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NSF: Cultural Anthropology Program Senior Research Awards

The primary objective of the National Science Foundation (NSF) Cultural Anthropology Program [[NSF 18-560](#)] is to support fundamental, systematic anthropological research and training to increase understanding of the causes, consequences, and complexities of human social and cultural variability. The Cultural Anthropology Program welcomes proposals from researchers in all sub-fields of cultural anthropology and research at any temporal and spatial scale. Methodologies and approaches employed may include ethnographic field research, surveys, remote sensing, the collection of bio-markers, experimental research inside or outside of laboratory settings, archival research, the analysis of materials collections and extant data bases, mathematical and computational modeling, and other research tools as appropriate for the research proposed. The overarching research goals should be to produce empirically grounded findings that will be generalizable beyond particular case studies and contribute to building a more robust anthropological science of human society and culture.

NSF's mandate is to support **basic** scientific research. "Basic research" in cultural anthropology means theory-generating and theory-testing research that creates new knowledge about human culture and society. Therefore, the Cultural Anthropology Program cannot support research that takes as its primary objective improved clinical practice, applied policy, or other immediate application. While application may be a desirable component of the proposal's Broader Impacts, a

proposal that only proposes to use anthropological methods and approaches to find solutions to social, medical, or other problems and does not specifically propose to make a theory-testing and/or theory-expanding contribution to anthropological science, will be returned without review.

Application Deadline: January 15, 2020

[Track this opportunity in Pivot >>](#)

See Also:

[NSF High-Risk Research in Biological Anthropology and Archaeology \[Pivot\]](#)

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NSF: Ethical and Responsible Research (Formerly Cultivating Cultures for Ethical STEM) - 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 ER2: [Notify RCA](#) by 10/14/2019, 5:00 p.m. if you intend to apply.

The National Science Foundation (NSF) Ethical and Responsible Research (ER2) [\[NSF 19-609\]](#) funds research projects that identify:

1. factors that are effective in the formation of ethical STEM researchers, and
2. approaches to developing those factors in all STEM fields that NSF supports.

ER2 solicits proposals for research that explores the following: What constitutes responsible conduct for research (RCR), and which cultural and institutional contexts promote ethical STEM research and practice and why? Do certain labs have a culture of academic integrity? What practices contribute to the establishment and maintenance of ethical cultures and how can these practices be transferred, extended to, and integrated into other research and learning settings?

Factors one might consider include: honor codes, professional ethics codes and licensing requirements, an ethic of service and/or service learning, life-long learning requirements, curricula or memberships in organizations (e.g. Engineers without Borders) that stress responsible conduct for research, institutions that serve under-represented groups, institutions where academic and research integrity are cultivated at multiple levels, institutions that cultivate ethics across the curriculum, or programs that promote group work, or do not grade. Successful proposals typically have a comparative dimension, either between or within institutional settings that differ along these or among other factors, and they specify plans for developing interventions that promote the effectiveness of identified factors.

ER2 research projects will use basic research to produce knowledge about what constitutes or promotes responsible or irresponsible conduct of research, and how to best instill this knowledge into researchers and educators at all career stages. In some cases, projects will include the development of interventions to ensure ethical and responsible research conduct.

Proposals will be accepted in three categories:

1. Standard Research Grants and Institutional Transformation Research Grants
2. Conference Proposals
3. Project Incubation Proposals

For more information, read the [program solicitation](#).

[Track this opportunity in Pivot >>](#)

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Russell Sage Foundation Social Science Research Grants

The [Russell Sage Foundation](#) (RSF) was established for "the improvement of social and living conditions in the United States." In pursuit of this mission, the Foundation now dedicates itself to strengthening the methods, data, knowledge, and theoretical core of the social sciences as a means of diagnosing social problems and developing informed responses.

For the upcoming deadline, RSF will be accepting Letters of Inquiry in the following funding priority areas:

- Social, Political, and Economic Inequality ([SPEI](#) / [Pivot](#))
- Future of Work ([FOW](#) / [Pivot](#))
- Behavioral Economics ([BE](#) / [Pivot](#))
- Decision Making and Human Behavior in Context ([DM](#) / [Pivot](#))

For more information about the research grant process, visit the [RSF website](#).

LOI Deadline: November 26, 2019; 1 pm Central Time

Invited Proposal Deadline: March 12, 2020; 1pm Central Time

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USDA-NIFA: Higher Education Challenge Grants Program

The [Higher Education Challenge \(HEC\) Grants Program](#) is a NIFA-administered competitive grants program focused on improving formal, baccalaureate, or master's degree level *Food, Agricultural, Natural Resources, and Human* (FANH) sciences education, and first professional degree level education in veterinary medicine (DVM). HEC projects provide funding to eligible applicants to help ensure a competent, qualified and diverse workforce will exist to serve the FANH sciences system. At the same time, HEC-funded projects improve the economic health and viability of communities through the development of degree programs emphasizing new and emerging employment opportunities. Finally, HEC projects address the national challenge to increase the number and diversity of students entering the FANH sciences (i.e., having a FANH sciences workforce representative of the nation's population).

Applications Due: March 23, 2020

[Track this opportunity in Pivot >>](#)

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NDSU Rodent Training Series

The NDSU Rodent training series is a 4 course training series which covers basic mouse handling and techniques. The series is designed to provide foundational training and experience for faculty, staff, and students. Participation in all sessions is encouraged. Space is limited so register early.

Fall Course Schedule:

- **Anesthesia, Euthanasia, Necropsy**
Wednesday, October 9 | 8-9:30 AM | Sudro 207
[Register for this session >>](#)
- **Breeding, Genotyping, Injections**
Wednesday, October 30 | 3-4:30 PM | Van Es 107
[Register for this session >>](#)
- **Venipuncture**
Wednesday, November 20 | 3-4:30 PM | Van Es 107
[Register for this session >>](#)

The Rodent Training Series is sponsored by the Vice President for Research and Creative Activity. If you have questions about these sessions, please contact the IACUC Administrator, Josie Hayden, at 701.231.8114 or josie.hayden@ndsu.edu.

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National Council of University Research Administrators Education Program Workshops

Sponsored Programs is sponsoring three webinars that are a part of the National Council of University Research Administrators (NCURA) education program.

NIH Fundamentals Workshop:

The NIH Fundamentals provides a primary basis of understanding of proposals to and awards from the National Institutes of Health (NIH). This workshop will give you the basics and we will walk you through the grants process, and give you an overview of key resources and websites you will need to be successful. The program is perfect for someone new to Research Administration, as well as for Research Administrators seeking to expand their knowledge of federal funding agencies. The curriculum provides an overview of the policies and procedures essential to preparing successful proposals to and managing grant awards from

the NIH.

Date: October 16, 2019

Time: 1:30PM – 5:00PM

Location: Research 1, Room 148/154

Financial Research Compliance Workshop:

The Financial Research Compliance workshop is a professional development opportunity that focuses primarily on the financial regulatory compliance aspects of Research Administration. This workshop provides an in-depth look at financial compliance issues through a combination of lecture, case studies, review of Federal audit reports, and a discussion of best practices.

Date: November 20, 2019

Time: 1:30PM – 5:00PM

Location: Research 1, Room 148/154

NSF Fundamentals Workshop:

The NSF Fundamentals workshop provides a primary basis of understanding of proposals to and awards from the National Science Foundation (NSF). The program is perfect for someone new to research administration, as well as for research administrators seeking to expand their knowledge of federal funding agencies. The curriculum provides an overview of the policies and procedures essential to preparing successful proposals to and managing grant awards from NSF.

This workshop took place September 18, 2019.

[Access the recording >>](#)

If you have any questions about these webinars, please contact the Sponsored Programs Office at ndsu.research@ndsu.edu or call 701-231-8045.