RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

August 2, 2023

ANNOUNCEMENTS

National Agricultural Library Support for NIFA Grant Applicants
Access to strong library resources is vital for writing competitive grant applications in research, education and Extension/outreach. Through the National Agricultural Library (NAL), grantees and prospective applicants have access to full-text research articles, data sources and research support. Join NIFA and NAL on August 17 at 2 p.m. EDT for a 90-minute webinar to learn about the resources and services NAL offers. Register here.

ARIS Releases Evolution of Broader Impacts Report
The Center for Advancing Research Impact in Society (ARIS) has reexamined the current state of broader impacts (BI). The recommendations for enhancing impact presented in this new report reflect the current thinking of the BI community.

Spring 2023 NSF Virtual Grants Conference – Videos Now on Demand
All recorded conference sessions are now available on NSF's Policy Office Outreach website: https://nsfpolicyoutreach.com/ in the Resource Center. Additionally, the recordings may be viewed on NSF's YouTube page. If you have any conference-related questions, contact NSF at: grants_conference@nsf.gov.

Department of Defense Memo on Foreign Influence
As required by the 2019 National Defense Authorization Act and implementation of National Security Presidential Memorandum-33, the DoD Under Secretary of Defense (Research and Engineering) recently issued this memorandum instituting a policy of risk-based reviews of fundamental research. As described in Part 1 of the memorandum, the policy requires fundamental research projects selected for funding to be reviewed for conflicts of interest and commitment arising from foreign influence. The memorandum spells out the policy elements for risk-based security reviews, mitigation of security risks uncovered, rejection of fundamental research projects based on research security risks, and consistency of the security review process. These elements are detailed in a decision matrix in Part 2 of the memorandum, to be followed by all DoD components, that are meant to accomplish two primary objectives:

- To prohibit the DoD from providing funding to or awarding a fundamental research project proposal to a covered individual participating in a malign foreign talent recruitment program or to a proposing institution that does not have a policy addressing such programs.
- To prohibit U.S. Institutions of Higher Education that host Confucius Institutes from receiving DoD funding unless they have been granted a waiver by the Secretary of Defense pursuant to the 2021 National Defense Authorization Act.

Part 3 of the memorandum includes a preliminary list of foreign institutions that have been confirmed as engaging in problematic activity as described in the 2019 National Defense Authorization Act as well as foreign talent recruitment programs that have been confirmed as posing a threat to the national interests of the U.S. Part 3 goes on to suggest that caution is advised for any researcher or institution engaging with institutions on this list.

The UNH Export Control staff can perform restricted party screening of potential collaborators, and disclosure of outside activities and non-US based collaborations is completed via Cayuse disclosure forms. Contact Melissa McGee with questions.

September 2023 Ethical and Responsible Conduct of Research Training
Registration is open for the September 2023 ethical and responsible conduct of research (RCR) training . The training involves completion of online RCR instructional modules and participation in a seminar on Friday, Sept. 22, 1:10 – 4 p.m. in MUB Room 162. Participants must register for the training by Thursday, Sept. 14 and must complete the online modules prior to the seminar. Contact Julie Simpson with questions.

Animal Care Committee Meetings

The UNH Institutional Animal Care and Use Committee's summer and fall 2023 meeting schedule is [here.](#)

Institutional Review Board (IRB) Meetings
The UNH Institutional Review Board (IRB) for the Protection of Human Subjects in Research summer 2023 meeting schedule is available [here](#) .

Approved Vendors for UNH Swag
Any item featuring a UNH trademark must be purchased through one of our licensed partners. Please refer to the [current approved vendor list](#) for the most up-to-date information, or contact [Katie Vogel](#) with questions.

Academic Courses to Advance Research
INCO 791/GRAD 891 – National Science Foundation Graduate Research Fellowship Preparation
August 28 – October 20, 2023 (half term)
This course ([undergraduate](#) and [graduate](#)) is designed to enable students to receive information, guidance and support in applying for the National Science Foundation (NSF) Graduate Research Fellowship Program (GRFP). Students will become familiar with the NSF, its mission and the selection criteria for this fellowship. Through independent work and collaborative exercises, students will strengthen writing skills and develop a strong application. For more information contact [Michael Thompson.](#)

GRAD 930 — Ethics in Research and Scholarship
August 29 – December 12, 2023 (full term)
Online
This is an interdisciplinary graduate seminar where students explore a wide range of issues related to the ethical conduct of research and scholarship. This course helps prepare students to conduct themselves as researchers in accordance with today's standards for scientific integrity and professional ethics. Classes are predominantly discussion-based, relying on case analysis; guest speakers address topics from a variety of perspectives. Completion of this course meets the graduate school's incoming PhD student RCR training requirement as well as the NSF's and the USDA National Institute of Food and Agriculture's RCR training requirement. More information [here](#), or contact the instructors, [Julie Simpson](#) or [Maria Emanuel](#).

DID YOU KNOW?

NSF Now Requires Responsible and Ethical Conduct of Research Training
Effective with proposals submitted on or after July 31, 2023, the National Science Foundation (NSF) requires:

- **Faculty and senior personnel complete Responsible and Ethical Conduct of Research (RECR) training.** Since 2011, all undergraduates, graduate students and postdoctoral researchers supported by NSF to conduct research have been required to complete RECR training; NSF is extending that requirement to faculty and other senior personnel supported on a proposal. Consistent with a similar training requirement from USDA NIFA, faculty and other senior personnel at UNH supported on a proposal will need to complete UNH's web-based RCR instructional modules (available [here](#)).

- **All personnel supported on a grant receive mentor training and mentorship.** REEO is working with other units on campus, including the graduate school and the office of engagement and faculty development, to offer mentoring training that will meet the NSF requirement.

UNH's plan to meet the existing NSF RCR training requirement is available here . Contact Julie Simpson in Research Integrity Services with questions.

AROUND REEO

Open Source / Hosted Resources at UNH-IOL
Since 2016, the InterOperability Laboratory (UNH-IOL) has worked closely with the Linux Foundation and its projects focused on networking. The lab hosts resources used by the open-source community to enable hardware constrained development, testing of their code, automation and continuous integration testing, and demonstration environments. UNH-IOL students engage directly with the open-source developer communities, working with the same technologies being deployed by some of the largest companies from around the world. As a researcher you and your students can work with us to gain access to bare metal hardware, virtual environments and networking resources when participating with these same open-source projects and communities. Contact Lincoln Lavoie for information.

FUNDING OPPORTUNITIES AND RESOURCES

UNHInnovation Fund Call for Proposals
The UNHInnovation Fund is calling for proposals from faculty and researchers in all UNH colleges. The fund will award $50,000 to (up to) two recipients in the fall to support commercialization efforts of pre-revenue UNH-owned intellectual property. The goal of the fund is to move early-stage innovations closer to licensing and/or revenue generation. The proposal deadline is Sept. 22, 2023. Questions? Join our upcoming info sessions on August 15 or Sept. 7. Visit our website for more information.

Northeastern States Research Cooperative 2023 Request for Proposals
The Northeastern States Research Cooperative (NSRC) has announced the 2023 Request for Proposals (RFP). The RFP aims to put science to work across the Northern Forest in support of a vibrant and thriving economy and culture, rooted in forest health. NSRC seeks proposals that address the state of the forest, measuring and quantifying impacts, developing tools for response and/or rural community and economic development. Letters of intent are due by August 28, 2023. Full proposals will be due September 26, 2023. More details are available here .

Nanosensor Technology to Detect, Monitor and Degrade Pollutants
The U.S. Environmental Protection Agency is seeking applications to develop and demonstrate nanosensor technology with functionalized catalysts that have the potential to detect, monitor and degrade pollutants, specifically per- and polyfluoroalkyl substances (PFAS) in groundwater or surface water that may be used as drinking water sources. Advances in nanoscience and nanotechnology have the potential to address the challenges of conventional technology for the detection and treatment of PFAS-contaminated waters. Using nanotechnology may help build better environmental sensors by reducing cost, improving efficiency and increasing selectivity, and nanotechnology may degrade PFAS in a way that does not create toxic by-products. Find the RFA and information on how to

apply here. Deadline is October 4, 2023. An informational webinar will be held August 14, 2023, 2:00 – 3:00 p.m. Register here.

If you are interested in potentially serving on the external scientific peer review panel, rather than applying, send your contact information and a copy of your resume to Julie Wanslow (Wanslow.Julie@epa.gov).

Dept. of Housing and Urban Development: Unsolicited Proposals for Research Partnerships

HUD's Policy and Policy Development and Research division has issued a notice regarding the submission of unsolicited research proposals that address its current research priorities. Research should address strategic goals (support underserved communities, ensure access to and increase the production of affordable housing, promote homeownership, advance sustainable and equitable communities) or the control of lead hazards and other hazards in homes. Suggested research questions are included in the RFA and related information which can be accessed here. Proposals may be submitted at any time until June 30, 2025.

Limited Submission Programs to Act on Now

Because some sponsors limit the number of applications from an institution, please contact Michael Thompson as soon as possible if you are interested in applying to any of these , and be sure to watch for our email at the start of each month for a more detailed list.

Workshop Resources

Slides and resources from past research development programs are available here. Information from previous CoRE-funded projects, as well as resources to support collaborative and interdisciplinary research, are here .

Research Development Newsletters

Research Development & Grant Writing News July 2023
Defense Policy Newsletter July 2023

GOOD NEWS

UNH received a $2.6 million federal grant to provide tuition assistance to behavioral health nurse practitioner students, boosting a critical workforce. Poet-in-residence Dianelly Antigua was named a 2023 Poet Laureate by the American Academy of Poets. Money magazine named UNH to its Best Colleges in America 2023 list, ranking it high in metrics that focus on affordability, quality of education and student outcomes. Read more UNH research news here, and please send research news — high-impact results, new grants, awards, compelling photos and images and more — to Beth Potier.

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