



University of New Hampshire  
Office of the Senior Vice Provost for Research,  
Economic Engagement and Outreach



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

August 16, 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](mailto: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 [UNH Export Control staff](#) can perform restricted party screening of potential collaborators. 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](#).

### 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](#).

## 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 September 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 – 3 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](#).*

### 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 [August 2023](#)

## UPCOMING EVENTS

### DARPA Open Session

Thursday, September

12:40 - 2:00 p.m.

UNH Durham, location TBA

DARPA (Defense Advanced Research Projects Agency) program manager Rohith Chandrasekar will visit the UNH Durham campus to give a public presentation focusing on engaging with DARPA and the agency's Young Faculty Award (YFA) in advance of the YFA solicitation release this fall. Location and registration for this talk to follow. Contact [Michael Thompson](#) with questions.

## AROUND REEO

### Celebrating REEO Accomplishments

A new committee — the REEO Recognition, Awards and Honors (RAH) committee — aims to celebrate awards, grants and other accomplishments of REEO staff. To help spread the news about all of the amazing things that all of our colleagues in REEO do each and every day, or to join RAH, reach out to [Nicole Colbath](#).

## GOOD NEWS

With \$1.3M from the U.S. Department of Energy, UNH will [lead an initiative](#) that aims to support the region's large energy users — industrial, commercial and institutional — in adopting clean energy technologies. Michele Dillon, dean of COLA and professor of sociology, joined [WMUR's New Hampshire's Business](#) program to share insights on why New Hampshire is one of the nation's least religious states. In The Conversation, UNH Manchester lecturer Doris Taylor explains how she and her team are [creating bioengineered human hearts](#) in their lab with the goal of one day eliminating the need for heart transplants. The journal Science published [findings](#) by research professor Jingfeng Xiao on plants' diminishing capacity to mitigate climate change. UNH's Tech Camp introduced teens to the engineering principles of [designing and constructing a bridge](#) in a program funded by the Federal Highway Administration and New Hampshire Department of Transportation. 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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