



University of New Hampshire

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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

April 19, 2023

### ANNOUNCEMENTS

#### **Join the International Science Reserve Network and use Data for Change**

The International Science Reserve (ISR) is inviting scientists who work with advanced data modeling, analytics and AI technologies to collaborate on preparing for large-scale health emergencies and climate-related disasters. Researchers in the ISR network will work together to help address the worst impacts on people and communities and gain access to specialized scientific and technical resources during a crisis. Find details [here](#).

#### **End of Project Purchasing Reminder**

Under the Uniform Guidance section 200.314, \$5,000 is the threshold for an allowable maximum residual inventory of

unused materials and supplies, including computing devices, at the end of a project. Supplies and equipment may not be purchased simply to use an unobligated balance remaining at the end of a project or used to restock inventory to replenish supplies used during the life of the project. For more information, please contact your [STAR GCA](#) .

### **May 2023 Ethical and Responsible Conduct of Research Training**

Registration is open for the May 2023 [ethical and responsible conduct of research \(RCR\) training](#). The training involves completion of [online RCR instructional modules](#) and participation in a seminar Wednesday, May 10, 9 a.m. – noon in MUB Room 162. Participants must [register for the training](#) by Tuesday, May 2 and must complete the online modules prior to the seminar. Contact [Julie Simpson](#) with questions.

## **AROUND REEO**

*Activities and accolades from across [Research, Economic Engagement and Outreach](#).*

Specialists from UNH Extension partnered with the Northeast Regional Initiative for the Preservation Trades on a [research project](#) that aims to foster and support a robust workforce to preserve and maintain the region's historic buildings. The UNH Extension research team included Jada Lindblom, Molly Donovan, and Scott Slattery, with project support from Sandra Hickey and Patricia Prescott.

Andrew Fast of UNH Extension is researching how [softwoods that grow in the Northern Forest](#) can be used in cross-laminated timber for a cost-effective price.

## **FUNDING OPPORTUNITIES AND RESOURCES**

### **FY24 CoRE Competition Deadline Extended**

Applications for the annual Collaborative Research Excellence (CoRE) internal funding competition must be submitted [here](#) no later than 5 p.m. on Monday, April 24. Contact [Maria Emanuel](#) with questions and learn more about CoRE [here](#) .

**We are also looking for individuals interested in being a peer reviewer for the FY24 annual CoRE initiative.** Following an NIH-based process, reviewers will be asked to review either Interdisciplinary Working Group (IWG) or Pilot Research Partnership (PRP) proposals. Individual reviews will be due June 1, followed by panel discussions the week of June 5. If you are looking to gain experience as a peer reviewer and demystify the process, share your peer review experiences, or learn more about the CoRE program through proposal review, please contact [Maria Emanuel](#).

### **Pew and Searle Scholars Programs for Early Career Faculty**

The Searle Scholars Program and the Pew Scholars Program for Biomedical Sciences are prestigious awards for early-career investigators in biomedical sciences, biochemistry, cell biology, genetics, immunology, neuroscience, pharmacology, and related areas in chemistry, medicine, and the biological sciences, including engineering or the physical sciences. UNH invites interested faculty to submit an application to either or both of the internal competitions for these programs. Eligibility and submission requirements are [here](#).

### DEPSCoR–Capacity Building Program

May 1 is the deadline for intent to submit to the internal competition for [Defense Established Program to Stimulate Competitive Research–Capacity Building \(DEPSCoR-CB\)](#) funding, which aims to improve capabilities at institutions of higher education in eligible states/territories to perform competitive basic research in science and engineering that is relevant to the DoD mission and reflects national security priorities. The intent of DEPSCoR-CB is to foster new, strategic, multi-thrust efforts to increase basic research capacity in a Department of Defense-relevant research area. Internal competition details can be found [here](#).

### Topics Announced for 2023 NSF Convergence Accelerator

NSF published a [Dear Colleague Letter](#) announcing the 2023 Convergence Accelerator Solicitation topics. We expect the 2023 timeline to be similar as last year, with a solicitation release in early April, Letter of Intent due early June, and full applications due in late July. Learn more about NSF Convergence Accelerators [here](#); if interested, please contact [Michael Thompson](#).

2023 NSF Convergence Accelerator topics:

- **Equitable Water Solutions (Track K):** This track will fund multidisciplinary proposals seeking to develop solutions for water quality, quantity, and equity issues. Projects should specifically consider environmental justice concerns regarding water distribution and safety.
- **Real-World Chemical Sensing Applications (Track L):** This track seeks proposals focused on creating energy-efficient, miniature, or portable biological and chemical sensors that can bring scientific discoveries into practice. Projects should utilize convergent teams to develop technologies to address challenges in chemical sensing.
- **Bio-Inspired Design Innovations (Track M):** This track will support projects that seek to develop new methods or technologies to serve as novel solutions to societal challenges, including “climate change, environmental degradation, lack of sustainability, and threats to health and safety in natural and built environments.”

### 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 [April 2023](#)

Defense Policy Newsletter [April 2023](#)

## UPCOMING EVENTS

### **Undergraduate Research Conference**

April 19 – 22 (and beyond)

Various locations on Durham and Manchester campuses

The Undergraduate Research Conference (URC) is an annual celebration of academic excellence at UNH and one of the largest conferences of its kind in the country. With more than 20 events during April and May, the URC is a showcase for undergraduate research, scholarship and creative presentations across both the Durham and Manchester campuses. A full schedule is [here](#).

### **AI Forum**

Wednesday, April 19

12 – 1:30 p.m.

E Center Training Room, 21 Madbury Rd., Durham

The Peter T. Paul Entrepreneurship Center hosts UNH alumnus Joel Nkounkou, co-founder of EcoText, for a casual discussion about how artificial intelligence can give future entrepreneurs a chance to make the world a better place. Learn about how we are currently exploring AI from ChatGPT to MidJourney and everything in between. Food and drinks, raffle prizes will be provided. Register [here](#).

### **TechStars Talk: Power of the Network**

Thursday, April 20

12 – 1:30 p.m.

E Center Training Room, 21 Madbury Rd., Durham

The Peter T. Paul Entrepreneurship Center hosts John Hill, current evangelist and former vice president of network for TechStars, for a discussion on the power of networking. Learn how to navigate networks to support your needs as a founder and find out what it means to build an effective entrepreneurial community. Food, drinks, raffle prizes will be provided. Register [here](#).

### **Seacoast Sips of Science: Wildlife Ecology**

Wednesday, April 26

5:30 – 7:30 p.m.

North Country Cider, 38 Littleworth Rd., Dover

UNH researchers share their cutting-edge findings on some unique species including desert mice, local birds in the urban landscape, and whales off our seacoast. Speakers include UNH Ph.D. candidate Dani Blumstein, studying desert mice and their ability to not drink any water; Karina Sanchez, a postdoctoral researcher at UNH who studies common birds and their interactions in the urban environment; and David Morin, a NOAA researcher looking at large whale disentanglement in the North Atlantic Ocean. Tickets and information are [here](#).

**GOOD NEWS**

Three graduate students are 2023 [Presidential Management Fellows](#) . Five College of Liberal Arts faculty members have been named [Hayes Fellows](#). The latest edition of [THRIVE](#) , the flagship bi-annual print publication of the College of Life Sciences and Agriculture, is available now. On public radio's [Marketplace](#), professor of civil and environmental engineering Jo Sias talked about potholes worsened by a changing climate. Sociology professor and Carsey School senior demographer Ken Johnson parsed New Hampshire's demographic trends on [NHPR](#). New Hampshire's presidential primary season is heating up, and so is media commentary by professor of political science [Dante Scala](#) . Check out the latest research, economic engagement and outreach news in the April issue of [Launch](#). 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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