



University of New Hampshire

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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

October 19, 2022

### ANNOUNCEMENTS

#### UNH National Lab Day

This [in-person conference](#), Oct. 27 – 28 at UNH, will bring representatives from multiple [U.S. Department of Energy National Laboratories](#) to UNH to raise awareness about the labs' world-class scientific facilities, resources and professional development opportunities; broaden appreciation of the wide range of research that National Labs support; and form/expand relationships amongst UNH researchers, other regional universities, industry leaders and the National Labs. Topics include renewable energy, physics, energy equity and justice, advanced materials and manufacturing and biological-environmental research.

Why attend?

- Network with 40+ representatives from 14 Department of Energy (DOE) National Laboratories
- Discover DOE user facilities available to academic and industry scientists
- Pursue collaborations with DOE and regional scientists

- Learn about student opportunities, from internships through fellowships
- Explore faculty professional development opportunities
- Learn about a wide range of topics supported by the DOE

This event is *free* for all USNH faculty, postdocs, students and staff. Register here (enter code USNH-NLD).

### **Input Requested: Digital Hub for Ag Research**

Increasing adoption of climate-smart agricultural practices is dependent on the development of practices that are cost effective, science based and aligned with farmer needs. AgMission seeks input from agricultural producers, scientists, technology developers and other stakeholders to further define the scope and requirements that will potentially inform the construction of the digital integration hub to facilitate transparency and accessibility of agricultural research to producers and provide a conduit for insights and feedback from producers that informs research priorities and design. For more information, and to respond to this RFI, visit the Data Integration Hub Open Opportunity RFI webpage. The deadline to submit comments is Nov. 23, 2022.

### **Input Requested: U.S. Ocean Climate Action Plan**

The Ocean Climate Action Plan (OCAP) will help guide and coordinate actions by the Federal government and civil society to address ocean, coastal and Great Lakes-based mitigation and adaptation solutions to climate change. The OCAP will summarize planned Federal ocean-based climate action and the benefits of these actions, identify gaps in knowledge and application of knowledge to emerging ocean-climate issues and recommend actions to advance the effectiveness of the Nation's response to the impacts of climate change. Responses are due by 11:59 p.m. EST on Nov. 18, 2022. See the Federal Register Notice for details.

### **Credit Sharing on Sponsored Projects**

In response to the highly collaborative, multidisciplinary nature of research and other sponsored projects, UNH's Cayuse Proposal Routing Form was designed to implement a mechanism known as **credit sharing**.

Each proposal should designate a share of the credit to investigators. Credit sharing drives indirect (F&A) cost return. Credit shares can be determined by any reasonable method. The two most common methods are via direct cost dollars and the time or scientific contribution of the faculty named on a proposal.

### **UNH Open Access Publishing Fund**

This fund supports UNH authors who want to make their scholarly work available to all readers immediately upon publication by paying reasonable publication fees required by many open access publication venues, providing up to \$1,000 per publication. A maximum of \$2,000 can be awarded to an individual author in the course of a fiscal year (July 1 – June 30). Refer to the guidelines for details and applicant and journal eligibility requirements. Deadline: open until fiscal-year funds are used up. Questions? Contact Eleta Exline, Scholarly Communication Librarian.

### **Five Years of CoRE**

UNH's Collaborative Research Excellence, or CoRE, initiative has been supporting interdisciplinary research partnerships for five years. A new series of stories marks the occasion. Read more about CoRE projects that aim to support families with telehealth, [connecting digital literacy with STEM education](#) and [improving outpatient care](#)

[with technology.](#)

### Research News in Science Magazine

Two recent stories in Science address current topics interesting to researchers. One details how the National Science Foundation will soon begin [crunching several large databases](#) to see whether there are scientists who failed to disclose ties to foreign institutions in their grant applications. Another discusses the Department of Energy's Office of Science's announcement that researchers responding to funding opportunities, including those at the office's 10 national laboratories, must include a [Promoting Inclusive and Equitable Research \(PIER\) Plan](#) in their application.

### Workshop Resources

Slides and resources from past research development programs are available [here](#). Information from previous UNH Collaborative Research Excellence (CoRE)-funded projects, as well as resources to support collaborative and interdisciplinary research, are [here](#).

## AROUND REEO

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

[Radius](#), the annual storytelling publication of UNH Extension, is available in print and online. Through the theme of health and well-being, the magazine features stories that illustrate the impact of Extension's programming and resources for Granite Staters in every county of the state.

UNHInnovation received a [third round of grant funding from the U.S. Small Business Association](#) to provide specialized training, mentoring and technical assistance for research and development-focused small businesses under the Federal and State Technology (FAST) Partnership Program. FAST's objective is to strengthen the competitiveness of small businesses and startups across the country, particularly those from underserved communities to help them benefit from the Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) Programs.

## FUNDING OPPORTUNITIES AND RESOURCES

### NH BioMade Seed Funding Opportunities

The New Hampshire Center for Multiscale Modeling and Manufacturing of Biomaterials ([NH BioMade](#)) has released [requests for proposals](#) for two 2022-23 seed funding opportunities.

- The **NH BioMade Research Seed Funding Opportunity** provides support for faculty and post-doctoral associates at N.H. universities, four-year colleges or community colleges to pursue research questions related to biomaterials. Also, N.H. companies may collaborate with academic researchers on a research project and/or apply for use of core facilities. This opportunity provides up to \$50,000 (direct costs) to conduct pilot

projects or collaborations with industry. Up to \$5,000 is available for the use of equipment at the UNH Instrumentation Center.

- The **NH BioMade Education and Training Seed Funding Opportunity** provides N.H. educators up to \$20,000 to develop and implement curriculum or training enhancements that will address skills gaps to better prepare students to enter a career or academic pathway in biomaterials or bio-related advanced manufacturing. Educators at secondary schools, career and technical education centers, community colleges, four-year colleges and universities and informal science programs are eligible to apply.

Contact [NH EPSCoR](#) with questions.

### Limited Submission Programs to Act on Now

Because some sponsors limit the number of applications from an institution, please contact [Mark Milutinovich](#) as soon as possible if you are interested in applying to any of the following. Be sure to watch for our email at the start of each month for a more comprehensive list or check [current LSP Deadlines](#).

Deadline	Sponsor	Program
Dec. 10 (letter of intent)	National Science Foundation (NSF)	<a href="#">EPSCoR Research Infrastructure Improvement Program: Track-2 Focused EPSCoR Collaborations (RII Track-2 FEC)</a> Internal competition deadline: Nov. 15, 5 p.m. <a href="#">Details</a> UNH EPSCoR RII Track 2 Info session recording is <a href="#">here</a> .
<i>Full proposal accepted anytime</i>	NSF	<a href="#">Pathways into the Earth, Ocean, Polar and Atmospheric &amp; Geospace Sciences (GEOPATHs)</a>

### Research Development Newsletters

Research Development & Grant Writing News [October 2022](#)

Defense Policy Newsletter [October 4, 2022](#)

## UPCOMING EVENTS

### Negotiating Cultural and Generational Divides

Living, Learning and Laughing by The Chopsticks-Fork Principle

Oct. 19, 12:15 – 1:30 p.m. and 7 – 8:30 p.m.

Strafford Room, MUB and 334/336, MUB

Cathy Bao Bean's book, "The Chopsticks-Fork Principle," has been the discussion of many talks about multiculturalism, generational divides and family expectations. The concept has received international acclaim, the original book having been adapted as an educational resource in China. As a philosopher, writer and educational consultant, Cathy Bao Bean is known for her captivating brand of storytelling. Two event times open to all students, faculty, staff and community members. Co-sponsored by the College of Liberal Arts and the Office of Community, Equity, and Diversity. More information [here](#).

### Expanding Access to Research: Top Ten Takeaways from the Nelson Memo

Oct. 26, 2 – 2:45 p.m.

Virtual

On August 25, 2022 the White House Office of Science Technology Policy issued new guidance to federal research funders in a memo titled "[Ensuring Free, Immediate and Equitable Access to Federally Funded Research](#)." Patti Condon, research data services librarian, and Eleta Exline, scholarly communication librarian, will outline key points of the "Nelson memo" and its potential outcomes, including things for UNH researchers and PIs to watch for over the next several years as new plans for sharing data and publications are implemented. Register [here](#).

### Seacoast Sips of Science

Our Oceans: Spectacular Seafood

Oct. 26, 5:30 – 7:30 p.m.

Stoneface Brewing Company, 436 Shattuck Way, Newington

This [ongoing series](#), launched by Christine Caputo in the UNH chemistry department and now in partnership with the UNH Graduate School and the Office of Research, Economic Engagement and Outreach, brings UNH research to the relaxed environment of local breweries and cafes. This month's event will mark National Seafood Month with three UNH researchers discussing lumpfish and aquaculture (Elizabeth Fairchild), female oyster farmers (Natalie Lord) and invasive green crabs (Gabby Bradt). Tickets \$5, free for UNH students. Register [here](#).

### UNH Arctic Day

Nov. 3, 1 – 4 p.m.

MUB 338/340

Come learn about the [UNH Arctic](#) initiative and the variety of Arctic and sub-Arctic research and scholarship projects across UNH. All are welcome to attend, and we are seeking additional presentations and posters. Please [register](#) to

attend or present.

### National Science Foundation (NSF) Fall 2022 NSF Virtual Grants Conference

Nov. 14 – 17, 2022

Virtual

Highlights of NSF's semi-annual [Grants Conference](#) include new programs and initiatives, NSF directorate sessions, future directions and strategies for national science policy, proposal preparation (including updates to the PAPPG effective in January 2023), NSF's merit review process and conflict of interest policies. Registration will be free of charge and opens on Thursday, Oct. 13 at 12 p.m. NSF anticipates the sessions will reach capacity very quickly, so participants are encouraged to register as soon as possible.

### GOOD NEWS

Congratulations to UNH's [2022 Faculty Excellence](#) honorees. Professor of natural resources and the environment Scott Ollinger received the [Excellence in Research Award](#). Chanda Prescod-Weinstein, assistant professor of physics and astronomy and core faculty in women's and gender studies, a top award winner of the inaugural [Eric and Wendy Schmidt Awards for Excellence in Science Communication](#), given by the National Academies of Sciences, Engineering, and Medicine. Over four decades, UNH's [Nuclear and Particle Physics Group](#) has become a leader in understanding the nucleus. Chemistry Ph.D. candidate Nick Pollack was selected by the Department of Energy for its prestigious [Graduate Student Research Program](#). [Watch](#) how UNH researchers are working to understand and protect the tiny sparrows that call salt marshes home. 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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