



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



RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

December 1, 2021

ANNOUNCEMENTS

Cayuse SP Is Coming

The Office of Sponsored Research Administration is beginning a pilot rollout of Cayuse SP for processing new proposal submissions. This will be followed by the processing new awards in early 2022. Once fully implemented, Cayuse SP will simplify the entire sponsored project lifecycle management from proposal creation to award close-out.

Cayuse SP is designed to replace the “yellow” sheet with an electronic means of capturing the data, signing off on proposals and routing of proposals through the sponsored programs administration office. It will replace the current snail-mail or email methods of proposal submission.

The Cayuse SP system is currently being evaluated as part of a pilot release with select proposal submissions and will be rolled out in phases by STAR team over the coming months. You will be notified with further details regarding training and implementation goals when it becomes available. Until then, continue to submit proposals as you have been doing. Our goal is to complete this rollout in spring 2022.

We look forward to working with you to ensure a smooth transition and hope that you realize a more transparent, efficient and effective workflow using Cayuse SP. We recognize that no system transition is without its challenges along with its benefits, and we welcome your feedback and suggestions as you experience the new systems.

Welcome Sonja Maliski

[Environmental Health and Safety](#) and the [University Instrumentation Center](#) welcomed their newest staff member, Sonja Maliski '15 on Nov. 29. Sonja will provide support for both UIC and EHS as a full-time administrative assistant. Sonja is a COLSA ecology graduate and has experience working at a N.H. analytical laboratory.

Connect With GLOBE

The U.S. coordinator for [GLOBE](#) (Global Learning and Observations to Benefit the Environment) — a science and education program that engages students and teachers around the country and the world in collecting environmental data — is at UNH, facilitating research partnerships with New Hampshire schools. Researchers can use GLOBE data to supplement researcher-collected data, collaborate with GLOBE as part of broader impacts, be a mentor for students in the program or apply to lead a data-collection campaign. Contact GLOBE country coordinator [Jennifer Bourgeault](#).

Virtual Commercialization Training

UNHInnovation is hosting another virtual version of the highly successful [UNH I-Corps training](#). This accelerated three-week program will leverage remote tools to support online learning and collaboration as teams engage in entrepreneurial training to explore the commercial potential of their ideas. Faculty, staff, graduate students and undergraduates are welcome to apply. Pre-work begins Jan. 10 and virtual training sessions begin Feb. 2. Application deadline is Dec. 17. Learn more and apply [here](#).

Broadening Participation in Research Workshop Series

Our final [Broadening Participation in Research](#) session focused on mentoring is Thursday, Dec. 12, from 12:40-2 p.m. on Zoom. This session will feature UNH principal investigators Meghan Howey, Ruth Varner and Adam Wymore, who will offer advice on increasing the diversity of your lab through recruiting, mentoring and retaining diverse students. Register for Thursday's session [here](#). Slides and recordings from previous Broadening Participation sessions are [here](#).

Be a Nature Groupie

[Nature Groupie](#), a website created by UNH Extension that connects outdoor enthusiasts with volunteer opportunities, is having a holiday sale. [Shop online](#): 100% of proceeds from Nature Groupie merchandise support nature volunteerism, helping forests, coastal ecosystems, communities and wildlife.

COVID-19 Awareness Webinar Series

What is COVID-19? How does it spread? How do the COVID-19 vaccines work? This nine-session webinar aims to give participants knowledge to make them better consumers of health information. Participants who complete the nine sessions successfully receive a certificate and digital badge. [Learn more](#).

National Institutes of Health (NIH) UNITE Listening Sessions on Racial & Ethnic Equity

Key stakeholders across the full biomedical research community, including those who work and serve in diverse settings, hold various roles and who partner and collaborate with research teams, are invited to take part in [listening sessions](#) intended to foster an environment where participants feel safe to contribute their unique perspectives candidly.

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](#).

Youth Programs Registration

University units sponsoring an activity in which minors (under age 18, non-UNH students) participate must register prior to the event using the [Office of Outreach and Engagement Youth Program Activity Request Form](#). Learn more at [UNH Youth Programs](#) or contact [Cathy Leach](#), director of youth programs.

FUNDING OPPORTUNITIES AND RESOURCES

New Hampshire EPSCoR Pre-Proposal Solicitation Deadline

The National Science Foundation (NSF) [EPSCoR Research Infrastructure Improvement Track-1](#) (RII Track-1) is a five-year, \$20 million award intended to support research-driven improvements to New Hampshire's physical and cyber infrastructure and its human capital development in areas that align with research priorities identified by [New Hampshire's Science and Technology Plan](#). New Hampshire is eligible to submit one proposal. The UNH [pre-proposal deadline](#) is Monday, Dec. 6, 5:00 p.m. Contact [Mark Milutinovich](#) with questions.

CIBBR Genomics and Bioinformatics Funding Deadline: December 10

UNH's COBRE [Center of Integrated Biomedical and Bioengineering Research](#) (CIBBR) offers funding to subsidize access to state-of-the-art genomics infrastructure and associated bioinformatics. CSAP will provide \$1,000 to \$5,000 for research related to experimental genomics conducted in the Hubbard Center for Genome Studies. For details, see [CSAP RFP](#).

NH BioMade 2022 Research Seed Funding Opportunity

[The New Hampshire Center for Multiscale Modeling and Manufacturing of Biomaterials](#) (NH BioMade) is offering a research seed funding opportunity, providing up to \$50,000 for faculty and research associates at New Hampshire universities and colleges to conduct pilot projects or collaborations with industry. Up to \$5,000 is available for the use of equipment at the [University Instrumentation Center](#) at UNH. NH BioMade also offers grants of up to \$10,000 to educators to develop and implement curriculum and training enhancements to better prepare students to enter a career or academic pathway in biomaterials or bio-related advanced manufacturing. For more information, see [Current Funding Opportunities | NH EPSCoR](#).

NSF Partnerships for Innovation Funding Opportunities

Interested in accelerating the transition of your discoveries from the lab to the marketplace? The [NSF Partnerships for Innovation \(PFI\) Program](#) funds translational research and technology development for researchers from all disciplines of science and engineering funded by NSF. There are two funding opportunities: PFI-Tech Transfer awards (up to \$250,000 for 18-24 months) and PFI-Research Partnerships (up to \$550,000 for 36 months). 2022 proposal due dates are Jan. 12 and July 13. Contact [Maria Emanuel](#) .

COVID-19 Funding and Research Resources

See [COVID-19 Funding Opportunities, Research Priorities, and Resources](#) and the [Quick Guide - Resources Supporting COVID-19 Research](#).

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. 6	National Science Foundation	UNH Preproposal Competition for EPSCoR Research Infrastructure Improvement Track-1 (RII Track-1)
Jan. 12	National Science Foundation	Partnerships for Innovation-Research Partnerships (PFI-RP) Track
Jan. 14 Preliminary proposal	National Science Foundation	National Artificial Intelligence (AI) Research Institutes
Jan. 21	National Science Foundation	Partnerships for Research and Education in Physics
Jan. 27	National Institutes of Health	Collaborative Program Grant for Multidisciplinary Teams (RM1) (Clinical Trial Not Allowed)

Research Development Newsletters

Research Development & Grant Writing News – [November 2021](#)
Lewis-Burke’s Monthly Defense Policy newsletter – [November 2021](#)

UPCOMING EVENTS

Broadening Participation through Mentoring

Thursday, Dec. 2, 12:40 - 2 p.m.
Virtual, register [here](#).

Science Bonanza

Saturday, Dec. 11, 9 a.m. – 3 p.m.
STEM Discovery Lab at UNH Manchester
88 Commercial Street, Manchester
Do you have a child interested in STEM? Registration is open for Extension’s Science Bonanza. [Learn more](#).

GOOD NEWS

With a \$3 million [National Institutes of Health grant](#), researchers from UNH’s Crimes against Children Research Center will study the effects of self-directed violence on adolescent bystanders. The venom of the cone snail holds promise as a [treatment for diabetes](#), UNH chemical engineering researchers found. [New research](#) from clinical associate professor of exercise science Deborah Fairheller and students looked at firefighters’ elevated blood pressure. WMUR featured a [story](#) on UNH’s Drone Academy, part of Professional Development and Training. Carsey School senior demographer spoke to Associated Press about the [2020 census](#), and professor of civil and environmental engineering Jo Sias was quoted in the [Washington Post](#) about climate change’s impact on transportation infrastructure. The New Hampshire Vegetable & Fruit IPM Scouting Program, directed by UNH Extension fruit and vegetable specialist emeritus George Hamilton, received the [Northeast Exceptional Local Program Award](#) from the Northeast Extension Directors. Jonathan Ebba, UNH Extension field specialist for commercial horticulture, was interviewed for two recent articles in Family Handyman magazine about [how to use grow lights indoors](#) and the [differences between grow lights and regular bulbs](#). Meet the [new faculty members](#) in the College of Liberal Arts. 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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