



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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

June 29, 2022

### ANNOUNCEMENTS

#### **Spotlight on Research Integrity**

Responsible research data management is a critical part of research integrity. Knowing how to plan for and manage

research data is key to protecting, securing, sharing, and finding them for future use. Here are some important resources to help you with data management at UNH:

- [Data Management Toolkit @ UNH](#)
- [UNH's web-based module on Management of Research Data](#)
- [UNH Responsible Conduct of Research Library Guide tab on Data Management](#)
- [USNH Data Services Research Data website](#)
- [UNH Policy on Ownership, Management, and Sharing of Research Data](#)

Support for research data management is available from [Patricia Condon](#), UNH's Research Data Services Librarian and from staff in the [Research Data Management Program](#) at the USNH IT Research Computing Center (RCC).

### 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](#).

## FUNDING OPPORTUNITIES AND RESOURCES

### USDA Open Data Framework Program (ODF)

The Open Data Framework program will build a framework needed to create a neutral and secure data repository and cooperative where producers, universities and nonprofit entities can store and share data in ways that will foster agricultural innovation and support technological progress, production efficiencies, and environmental stewardship. ODF projects must include details of the existing data storage and sharing landscape, communication plans for sharing knowledge of the existing landscape and details of how the project will leverage existing infrastructure and knowledge. Application deadline: July 14. For more information, read the [ODF funding announcement](#).

### NIH Seeks Research to Understand and Address Hunger, Food and Nutrition Insecurity

NIH has issued a [Notice of Special Interest \(NOSI\)](#) to encourage research on the efficacy of interventions that address nutrition security and the mechanisms of food insecurity on a variety of health outcomes. It also calls for the development of new measures for nutrition security and assessment of food insecurity that are broadly applicable. This increased interest in these topics will remain in effect for receipt dates through November 29, 2024.

### 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
July 1	National Institutes of Health (NIH)	<a href="#"><u>Genome Research Experiences to Attract Talented Undergraduates into the Genomics Field to Enhance Diversity</u></a>
July 7	National Endowment for the Arts	<a href="#"><u>Grants for Arts Projects</u></a>
July 13	NIH	<a href="#"><u>NIH Science Education Partnership Award (SEPA)(R25)</u></a>
July 13	National Science Foundation (NSF)	<a href="#"><u>Partnerships for Innovation - Research Partnerships (PFI-RP) Track</u></a>
July 15	NSF	<a href="#"><u>CyberCorps<sup>(R)</sup> Scholarship for Service (SFS)</u></a>
July 18	NSF	<a href="#"><u>IUSE / Professional Formation of Engineers: Revolutionizing Engineering Departments (IUSE/PFE: RED)</u></a>

Aug 1 Preliminary proposal	NSF	<a href="#">Physics Frontier Centers (PFC)</a>
Aug 1	NSF	<a href="#">Resilient &amp; Intelligent NextG Systems (RINGS) - Virtual Organization (RINGS-VO)</a>
Aug 2 LOI	DOE	<a href="#">Basic Energy Sciences – Reaching a New Energy Sciences Workforce (BES-RENEW)</a>
Sept 6	NIH	<a href="#">NIH Director's Early Independence Awards (DP5)</a>
Sept 12	NSF	<a href="#">National Science Foundation Research Traineeship (NRT) Program</a> Internal Competition has concluded
Sept 21	National Endowment for the Humanities	<a href="#">Summer Stipends</a> Internal Competition is underway Deadline: Aug 29 11:59 p.m. <a href="#">Details</a>

### Research Development Newsletters

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

Defense Policy Newsletter [June 2, 2022](#)

## UPCOMING EVENTS

### NSF Convergence Accelerator Expo 2022

July 27 – 28, 2022

10 a.m. – 4 p.m. ET

Virtual

This virtual event is your opportunity to see NSF Convergence Accelerator's portfolio in a live exhibition format. Attendees will be able to connect with more than 45 funded research teams across six convergence research track topics that are focused on national-scale societal challenges. This year's tracks include:

- AI-Driven Data Sharing & Modeling
- AI & the Future of Work
- Networked Blue Economy
- Open Knowledge Networks
- Quantum Technology
- Trust & Authenticity in Communication Systems

Who should attend: Researchers, innovators, technology and business practitioners, and media from academia, industry, government, nonprofit, and other communities. Register [here](#).

### GRAD 891 – National Science Foundation Graduate Research Fellowship Preparation

August 29 – October 14, 2022 (Half Term)

This [course](#) 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 [Jeanne Sokolowski](#) or [Michael Thompson](#).

### GRAD 930 — Ethics in Research and Scholarship

August 29 – 12/12/2022 (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](#).

## GOOD NEWS

Marek Petrik, assistant professor of computer science, [received a Faculty Early Career Development Program, or CAREER, award](#) from the National Science Foundation. Maria Carlota Dao, assistant professor of agriculture, nutrition and food systems, was [selected as a faculty fellow](#) with the Obesity Health Disparities program at the University of Houston. Olson Center researchers received a grant from the U.S. Department of Commerce's National Institute of Standards and Technology to explore [manufacturing in space](#). UNH's Peter T. Paul Entrepreneurship Center (ECenter) won the [2022 Excellence in Student Engagement in Entrepreneurship Award](#) from the Deshpande Foundation. New Hampshire Public Radio reported on recent UNH research on [coastal acidification](#) and [moose monitoring](#). Space Science Center research professor Chuck Smith explains [fluctuations in the solar wind](#) to Research Outreach magazine. NH Sea Grant's efforts to find [tasty solutions to invasive green crabs](#) is the subject of a story in Modern Farmer (written by Sea Grant's Tim Briggs) and an [Associated Press article](#). A study led by chemical engineering Ph.D. student Jacob Andrzejczyk '22G with Harish Vashisth, associate professor of chemical engineering, and Krisztina Varga, associate professor of molecular, cellular and biomedical sciences, found that [repurposing a drug compound](#) could slow the replication of COVID-19. Silvopasture — keeping some trees in pastures — could [mitigate climate change impacts](#), new research from EOS research assistant professor Alix Contosta finds. 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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