



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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

July 13, 2022

### ANNOUNCEMENTS

#### **NSF Regional Innovation Engines Program**

Did you submit a concept outline to the National Science Foundation [Regional Innovation Engines Program](#)? If so, please let [Mark Milutinovich](#) know immediately so that UNH's lead and partnership opportunities can be coordinated.

#### **Research Faculty Mentorship Program**

This fall, UNH will launch a Research Faculty Mentorship Program organized by research faculty with support from the Office of Research, Economic Engagement and Outreach.

This program aims to support early career research faculty and improve the retention and advancement of all research faculty within the UNH research community. It is open to research faculty in all stages of their careers, and the focus of the mentorship will be determined collaboratively between mentor/mentee pairs. Mentors and mentees commit to meeting monthly throughout the academic year. Four of the monthly meetings will be full-cohort presentations/luncheons. The mentoring pair will schedule their other monthly meetings individually.

Research faculty are invited to apply, either as a mentor or a mentee. More information about this initiative and the application to be a mentor or a mentee is provided in this [brief Qualtrics form](#). Applications will be accepted through Aug. 15.

### **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**

### **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 Nov. 29, 2024.

### **AAAS Science and Technology Policy Fellowships**

The AAAS S&T Policy Fellowship (STPF) is a paid, year-long opportunity for professional development and public service for scientists, social scientists and engineers. Fellows gain real-world policy experience, honing their policymaking skills and increasing their knowledge of the science policy interface. Alums carry their unique experiences into post-fellowship careers.

Learn more at a [webinar](#), “Policy Interest to Policy Influencer,” Thursday, July 14, 2 – 3 p.m. ET and on the [STPF website](#).

### **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
Aug. 1 Preliminary proposal	National Science Foundation (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 letter of intent	Department of Energy	<a href="#">Basic Energy Sciences – Reaching a New Energy Sciences Workforce (BES-RENEW)</a>
Sept. 6	National Institutes of Health	<a href="#">NIH Director's Early Independence Awards (DP5 Clinical Trial Optional)</a>
Sept. 12	NSF	<a href="#">National Science Foundation Research Traineeship (NRT) Program</a>
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 [July 1, 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**

Aug. 29 – Oct. 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**

Aug. 29 – Dec. 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**

Three UNH assistant professors — Sheree Sharpe (mathematics and statistics), Jessica Ernakovich (natural resources and the environment) and Marek Petrik (computer science) — received prestigious [National Science Foundation CAREER grants](#). Upward Bound, a program of Outreach and Engagement, received [\\$2.8 million from the U.S. Department of Education](#) to continue to provide services to low-income, first-generation college students from Manchester and the Seacoast areas. Cameron Wake, research professor in climatology and glaciology, Mary Stampone, associate professor of geography and research assistant professor Elizabeth Burakowski released the [2021 N.H. Climate Assessment](#). CubeSats pack an outsized scientific punch, Harlan Spence, director of UNH's Institute for

the Study of Earth, Oceans, and Space, told [Science Magazine](#) . With new USDA grants, UNH researchers Analesa Bruce, Jess Carson and Ike Leslie will study [alternative food networks](#) that link farmers with their customers. The Concord Monitor's Granite Geek wrote about [underwater automated camera research](#) from assistant professor of biology Easton White (who captured a playful seal on video) and an [Olson Center project](#) that will explore manufacturing in space. 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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