



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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

March 31, 2021

### Announcements

#### FY2022 Collaborative Research Excellence (CoRE) Initiative

Funded through the Office of the Senior Vice Provost for Research, Economic Engagement, and Outreach, the fifth annual CoRE initiative for FY2022 has been announced. CoRE supports the advancement of interdisciplinary research excellence to address issues facing UNH, our state, the region and beyond. This funding initiative provides five funding

opportunities that collectively reinforce a broad culture of interdisciplinary exchange, collaboration, planning and support. To date, CoRE investments have stimulated over \$35M in additional external funding for UNH research activities.

To learn more about CoRE, see previously funded projects, access collaboration resources, and more: <https://mypages.unh.edu/core>. Interested UNH faculty must submit an [application](#) no later than 5pm Monday, May 3, 2021. Contact [Maria Emanuel](#).

### **May 2021 Ethical and Responsible Conduct of Research Training**

Registration is open for the May 2021 [ethical and responsible conduct of research \(RCR\) training](#). The training involves completion of [online RCR instructional modules](#) and participation in a Zoom seminar Thursday, May 13, 2021, 9 am-noon. Participants must [register for the training](#) by Wednesday, May 5, and must complete the online modules prior to the seminar.

The training, primarily directed at postdoctoral researchers, graduate students and undergraduate students, but open to all faculty and staff, fulfills RCR training required by the [National Science Foundation](#) and the [United States Department of Agriculture National Institute of Food and Agriculture](#). Contact [Julie Simpson](#) with questions.

### **COVID-19 Funding and Research Resources**

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

### **Research and Large Center Development Email Interest Lists**

The Research and Large Center Development (RLCD) office maintains email lists about funding and other sponsor information by interest areas. To subscribe to these lists or update your current list preferences, sign up [here](#).

RLCD is considering creating a new interest list related to diversity, equity, and inclusion (DEI). It will be used to alert members to funding opportunities for the study of DEI and to highlight other funding opportunities that include promoting DEI as a major goal in addition to the research or scholarly activity supported. To indicate interest or let us know what other info would be appropriate to share through the list at [rlcd.info@unh.edu](mailto:rlcd.info@unh.edu).

### **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](#).

- NSF [Enabling Quantum Leap: Quantum Interconnect Challenges for Transformational Advances in Quantum Systems \(QuIC-TAQS\)](#) – NSF Deadline is 4/12/21
- National Endowment for the Arts, [Challenge America](#) – NEA Deadline is 4/22/21
- U.S. Dept of Agriculture/National Institute for Food and Agriculture (USDA/NIFA) [Rural Health and Safety Education Competitive Grants Program](#) – USDA/NIFA Deadline is 4/26/21

The U.S. Dept. of Energy has just announced these opportunities:

- [Data Science to Advance Chemical and Materials Sciences](#) – DOE Pre-application deadline is 4/14/21
- [EXPRESS: Randomized Algorithms for Extreme-Scale Science](#) – DOE Pre-application deadline is 4/16/21
- [Data-Intensive Scientific Machine Learning and Analysis](#) – DOE Pre-application deadline is 4/23/21

### Workshop Resources

Did you miss a workshop? Below are links to videos and slides of recent sessions.

March 24, 2021 FY2022 DoD Defense University Instrumentation Program (DURIP) Information Session [video](#) [slides](#)

March 9, 2021, Research Communications Academy Communicating with Policy Makers session: [video](#)

March 3, 2021, Demystifying the Scholarly Publishing Landscape [Video Slides](#)

Feb. 26, 2021, Evaluation and Assessment for NSF Projects [video recording](#) [slides and resources](#)

Feb. 18, 2021, Advancing Understanding of Terrestrial-Aquatic and Marine Interfaces with DOE National Labs [video recording](#) [slides](#)

Feb. 15, 2021, Better Posters with Zen Faulkes [video recording](#)

Slides and resources from additional programs are available on the Research and Large Center Development [website](#).

### Cayuse IRB/Human Ethics

The UNH Institutional Review Board will begin using Cayuse IRB/Human Ethics on June 1, 2021. Information about the implementation, including about disruptions in the IRB review process in May and implications for current studies is now available [here](#). Please contact the IRB staff ([Melissa McGee](#), [Susan Jalbert](#), or [Julie Simpson](#)) with questions.

### Upcoming Events

#### Black Thought, Science & Feminism

Wednesday, March 31, 6 – 7:15pm via Zoom

Chanda Prescod-Weinstein, assistant professor of physics and astronomy and core faculty member in the women's and gender studies department, and Katherine McKittrick, professor in gender studies and the graduate program in

cultural studies at Queen's University in Canada, will discuss Black thought, science, and feminism. Prescod-Weinstein is the author of the just-released book "The Disordered Cosmos: A Journey into Dark Matter, Spacetime, and Dreams Deferred." This Zoom event is free and open to the public, but [registration is required](#). This event, celebrating Women's History Month, is sponsored by COLA, CEPS, the Department of Women's and Gender Studies, and the Office of Community, Equity, and Diversity.

### Research & Large Center Development Program

Thursday, April 1, 3pm via Zoom

#### [Interdisciplinary Research in the Age of Zoom: Fostering Research Teams and Productive Research Retreats Despite Zoom Fatigue](#)

Project planning, scientific discussions, training, interactive teams — characteristics of exciting interdisciplinary research. Zoom fatigue — current characteristic of most of us. Join us as [Alecia Magnifico](#) and [Bethany Silva](#) and TILDE team representatives including Ashley Barry and [Laura Allen](#) discuss strategies and tools they are using to remotely foster their 11-person research team, hold productive (and fun!) multi-day research retreats, and advance their UNH CoRE COVID-19-funded research project ([TILDE](#)). Bethany and Alecia will share their experiences, highlight tools they use, and talk about turning Zoom fatigue on its head.

Register [here](#).

### National Science Board Vision 2030

Friday, April 2, Noon – 1pm via Zoom

Marian McCord, senior vice provost for research, economic engagement and outreach, invites the entire UNH community to attend this talk by [Dr. Victor McCrary](#), vice chair of the National Science Foundation's National Science Board (NSB) as he shares insights into the NSB's [Vision 2030 report](#). The talk will be followed by a Q&A with audience members.

Vision 2030 asks, where will the U.S. scientific and engineering (S&E) enterprise be in 10 years? What actions do the U.S. government, academic institutions like the University of New Hampshire, and industry need to take so that the U.S. continues to lead in innovation in 2030? The report also offers a roadmap for how the U.S. can reinvent aspects of its S&E enterprise to remain preeminent, with calls to action in four key areas: practice of science and engineering, talent, partnerships, and infrastructure. To attend or to access the session materials, register [here](#).

### Research Communications Academy: Communicating With Funders

Tuesday, April 6, 12:40 – 2:00pm via Zoom

UNH's Research and Large Center Development team will give an [overview of their services](#) and how scholars can use them to create effective grant proposals. Joined by a proposal-savvy UNH researcher, they'll address how to find federal and foundation funders, the components of an effective proposal, when to access different UNH resources and how to find collaborators using Dimensions. [Register here](#).

## Tales from the Field: Scholarly Publishing Experiences & Cautions

Wednesday, April 7, 3:10 - 4:30 pm via Zoom

Due to the complexity of the contemporary scholarly publishing landscape, researchers face a host of practical and ethical issues when making decisions about publication that may not have been on their radar within the last few years (e.g., predatory journals, open access, preprint servers, publishing data and sponsor obligations when making publication decisions). These issues also may be compounded when conducting research in interdisciplinary collaborations. In this workshop, panelists will highlight issues that researchers may encounter and offer strategies to minimize or avoid negative consequences when making publication decisions. More information and registration is [here](#).

## Transforming Research Administration

Thursday, April 8, 10 – 11 am via Zoom

Join us for a presentation on the newly created Support Team for Research Administration (STAR). STAR's vision is to enhance services and ensure consistent processes and procedures across departments, centers and institutes for all researchers across USNH.

Register [here](#). The Zoom link will be sent to all registrants on April 7.

## Research Communications Academy: Using Social Media

Thursday, April 15, 3:30 – 4:30pm via Zoom

Hear from your colleagues about how to [use social media](#) to communicate scholarship, connect with collaborators, create a personal learning network and increase the impact of your work. Panel will include four UNH scholars who reflect a range of social media activity. [Register here](#).

## Good News

The blog of [National Institutes of Health director Francis Collins](#) featured assistant professor of neurobiology Mao Chen's research on memory formation. Associate professor of English Kabria Baumgartner spoke about the significance of Boston's first Black female mayor on ['GBH News](#). The Crimes against Children Research Center [published new research](#) that found more than half of children who need mental health services aren't getting them. Jim Clemmons, UNH professor of physics and astronomy, is the lead investigator for CubeSats aboard [NASA's Low-Latitude Ionosphere/Thermosphere Enhancements in Density \(LLITED\)](#) mission, launching in December. Kelly Kilcrease, associate professor of history at UNH Manchester, has written a new book, "Boston Long Wharf: A Path to the Sea." The public radio program [Living on Earth](#) featured NRESS Ph.D. student David Moore's research on syrup from trees other than maple. The [Rhodes Academy of Oceans Law and Policy](#) joins the UNH Marine School. Please send research news — high-impact results, new grants, awards and more — to [Beth Potier](#).

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