



University of New Hampshire

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



## RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

December 9, 2020

### Announcements

#### Supporting Industrial Clients, Supporting UNH Research

The [University Instrumentation Center's](#) (UIC) main mission is to support research on campus and regionally by providing training, oversight and maintenance of major analytical instrumentation. Another important, but less well known, function of the UIC is to support to industrial clients by providing analytical testing of their products and raw materials. This generates approximately 50% of the total UIC revenue and helps to support the ongoing operation of the UIC.

In the past few years, the UIC has expanded its suite of analytical testing services by partnering with UNH researchers

who are interested in providing similar services to industrial clients. There are many benefits to partnering with the UIC:

- The UIC manages the customer process, including formalizing quotations and contracts, as well as handling export controls screening, billing, collections, and sample management, allowing the researcher to focus on the technical aspects of the request.
- Funds acquired through the fees for service go directly to the researcher to be applied to their programs at their discretion, e.g. ongoing maintenance and support of equipment.
- Students gain experience working with companies on real-time projects which may increase their employment and networking opportunities.
- Connections with engineers and scientists at regional companies are formed that can lead to funded collaborative research projects.
- The process frees up Sponsored Program Administration to focus specifically on sponsored programs.

Currently, the UIC provides administrative support for more than 15 research labs on campus. Their services to industry have added over \$150,000 in funding to directly support these labs. Contact [Shawn Banker](#) of the UIC to learn more.

### COVID-19 Funding Resources

Agencies continue to update their guidance and responses to the COVID-19 pandemic:

- NIH: [Extended Guidance or Applicants Preparing Applications During the COVID-19 Pandemic](#)
- NASA Science Mission Directorate: [E.10 SMD call for COVID Augmentations and Funded Extensions](#)
- NSF Division of Ocean Sciences (OCE): [COVID-19 response and guidance update from NSF/OCE](#)
- NSF Division of Earth Sciences (EAR): [Message from the NSF Division of Earth Sciences to the research community](#)

### Certification Congratulations

Congratulations to Dr. Linnea Morley, associate director of the animal resource office, for passing her boards for Diplomate of the American College of Laboratory Animal Medicine (DACLAM). This is an exceptional accomplishment; only a few dozen individuals achieve this certification every year and it is an asset to the research community here at UNH. ACLAM Diplomates are involved in a wide variety of activities, including management and direction of animal resource facilities and programs; clinical medicine, surgery and programs of disease prevention; consultation on the care and use of laboratory animals; assisting institutions in achieving compliance with animal care and use regulations; collaborative and independent research; and instruction and training.

### Cayuse Update

As previously announced, the Office of Research, Economic Engagement and Outreach is implementing a new web-based platform for managing grant submissions, IRB, IACUC and IBC protocols, and outside interests (OI), which includes financial conflict of interest and disclosures. The platform, Cayuse, is intended to streamline current grant and research compliance processes and provide an online collaborative space. With Cayuse, you will have 24/7 access to your submissions and you will log in using your UNH credentials (SSO). The rollout will begin soon with the deployment of the IBC module in January 2021. This will be followed by the IRB and OI in February. We will also begin the phased roll out of proposal development and submission in March.

### **NH BioMade Seed Funding**

The New Hampshire Center for Multiscale Modeling and Manufacturing of Biomaterials ([NH BioMade](#)) has released a request for proposals for its 2021 Research [Seed Funding Opportunity](#). Up to \$50,000 is available to conduct pilot projects or collaborations with industry and up to \$5,000 is available for the use of equipment at the UNH Instrumentation Center. Deadlines: Jan. 4, 2021, for letters of intent; Jan. 18 for applications.

### **Coming Soon**

PUSH USDA, an NIH Overview and Update, and the start of the NSF CAREER Academy are being planned for January. Watch for program announcements soon!

### **Newsletter Archive**

Past issues of this newsletter are [here](#).

### **Upcoming Events**

#### **UNH at AGU**

More than 80 UNH Earth, space and oceans researchers are presenting at this year's virtual American Geophysical Union Fall Meeting, through Dec. 17, 2020. [Learn more](#).

#### **Sea Grant RFP Session**

A virtual information session for the [NH Sea Grant Biennial Request for Proposals \(RFP\)](#) will be held on Thursday, Dec. 17, 9-10:30am. Research team members from all relevant disciplines, including (but not limited to) social sciences, watershed/estuarine/coastal and marine biology and ecology, fisheries, aquaculture, seafood safety, coastal

resilience, renewable energy, education, water-quality, eco-toxicology, conservation, engineering, business, arts, policy, and law are encouraged to attend the information session and to apply. Click [here](#) to register.

### Meet the Media

The 2021 [UNH Research Communications Academy](#) opens Jan. 13 at 1pm with Communicating With News Media, an always-popular session featuring a panel of news media experts, including reporters and [UNH media relations](#) specialists, on how to make any news interview a positive experience in communicating your scholarship. Spots are still available to practice being interviewed by a reporter through mock interviews with UNH communications experts; [register here](#) by Dec. 10, 2020.

The 2021 RCA, which runs through the spring semester, will be all virtual via Zoom, and sessions are free and open to all faculty, graduate students and research-related staff. Registration is now open for sessions that will help you communicate to news media and policymakers, prepare better proposals and posters, and harness the power of social media.

### New England National Lab Day Webinar Series

Registration will open soon for the next [New England National Lab Day webinar](#), on Thursday, Jan. 21, focusing on opportunities to understand nuclear physics at the U.S. Department of Energy's (DOE) Jefferson Lab and Brookhaven National Lab. UNH researchers can join representatives from various DOE national labs to share insights for accessing DOE's world-class scientific facilities and partnering to address society's most pressing energy, environmental and national security challenges.

### New Undergraduate Course

INCO 490A: Undergraduate students interested in conducting research or those already conducting research will explore individual, professional, institutional and social issues related to the ethical conduct of research and scholarship. Students will use case studies as well as share their research interests and experience to investigate topics including data management, authorship, mentorship, human subjects, use of vertebrate animals, and scientific integrity. Completion of this course and accompanying modules fulfill part of the National Science Foundation ([NSF](#)) [Responsible Conduct of Research \(RCR\) training mandate](#) and/or the [United States Department of Agriculture \(USDA\)](#) National Institute of Food and Agriculture (NIFA). 2 Credits. Grades earned are Cr/F. In-person course offered Wednesdays from 10:10am-12pm in New Hampshire Hall G10 from February 1, 2021-March 19, 2021.

### Good News

Joint Hydrographic Center co-director Andy Armstrong received a [Department of Commerce Gold Medal](#) from NOAA. James Ramsay, professor of security studies, received the inaugural [Dave McIntyre Homeland Security Educator Award](#) from the Center for Homeland Defense and Security. Motherboard named Chanda Prescod-Weinstein,

assistant professor of physics and a core faculty member in women’s studies, to its [Humans2020](#), a list of 20 “scientists, engineers, and visionaries who helped make this dark year a little brighter.” A [new grant](#) to UNH Extension will support rural youth STEM education. UNH Manchester’s Christopher LeBlanc was elected [chair of programming](#) for the Engineering Technology Division of the American Society of Engineering Education (ASEE). A [recent collaboration](#) between Anyin Li, assistant professor of analytical chemistry, and Thermo Fisher Scientific could improve the sensitivity of mass spectrometry. The [New York Times](#) reported on UNH’s COVID-19 testing lab. Please send research news — high-impact results, new grants, awards and more — to [Beth Potier](#).

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