Hope is a Discipline, by San Antonio interdisciplinary artist Michael Menchaca, is a wrap that was installed outside the Paul Creative Arts Center in August.

RESEARCH, ECONOMIC ENGAGEMENT AND OUTREACH UPDATE

September 22, 2021

Dear Colleagues,

I'm pleased to welcome Amanda Morin to our team as an executive assistant. Amanda will manage my calendar and can be your contact for meetings and other items that need my urgent attention.

Amanda joins us from UNH Law, where she assisted faculty and coordinated the Moot Court programs. Prior to that, she worked at the start-up companies Live Pure, Inc., and Juliet Marine Systems, Inc. supporting the development of new technologies for the air quality and maritime industries. She started her career in continuing education at New England Educational Institute, coordinating seminars for medical and mental health professionals.

I'd also like to thank Ruth Davis, program assistant for our research and large center development team, for serving as an interim administrative assistant for the past few months.

This is National Postdoc Appreciation Week. Please join me in showing appreciation to the more than 70 postdoctoral researchers at UNH who are essential to UNH's intellectual and research strength.

Marian McCord
Senior Vice Provost for Research, Economic Engagement and Outreach

GET TO KNOW REEO

The Office of Research, Economic Engagement and Outreach comprises a diversity of services and personnel that support research and scholarly work, facilitate engagement and cooperation with businesses and the public, and communicate the scope and impact of UNH research. We will occasionally feature those services here.

Open Source / Hosted Resources at UNH-IOL

Since 2016, the InterOperability Laboratory (UNH-IOL) has worked closely with the Linux Foundation and its projects focused on networking. The lab hosts resources used by the open-source community to enable hardware constrained development, testing of their code, automation, continuous integration testing, and demonstration environments. UNH-IOL students engage directly with the open-source developer communities, working with the same technologies being deployed by some of the largest companies from around the world. As a researcher, you and your students can work with us to gain access to bare metal hardware, virtual environments and networking resources.

ANNOUNCEMENTS

Broadening Participation in Research Workshop Series

The Office of Research, Economic Engagement and Outreach and the Graduate School's three-part Broadening Participation in Research workshop series continues on October 12, 12:40 - 2 p.m. in Hamilton Smith Hall 150. This second session will focus on strategies to diversify your lab and create a more inclusive environment. A panel of UNH researchers will share their experiences using grant funding to grow and diversity their labs.

- Advice on simultaneously addressing funding agency BP goals and your lab's goals
- Resources to support UNH mentors
- Discuss best practices for engaging with recruitment partner institutions.

- Overview of Broader Impacts/ Broadening Participation goals at NSF and similar programs at other funding agencies

Presenters:

- Ruth Varner, professor, Earth sciences, UNH
- Nancy Kinner, professor, civil and environmental engineering, UNH
- Adam Wymore, research assistant professor, natural resources and the environment, UNH

Register for the October 12 workshop here.
Slides from the September 14 Broadening Participation in Research: Introduction session are here.

UNH Open Access Publishing Fund

This fund supports UNH authors who want to make their scholarly work available to all readers immediately upon publication by paying reasonable publication fees required by many open access publication venues, providing up to $1,000 per publication. A maximum of $2,000 can be awarded to an individual author in the course of a fiscal year (July 1 - June 30). Refer to the guidelines for details and applicant and journal eligibility requirements. Deadline: Open until fiscal-year funds are used up. Questions? Contact Eleta Exline, Scholarly Communication Librarian.

Turning Your Innovation into a Business

Are you an inventor, engineer or developer with a brilliant idea that you want to turn into a business? Do you want to commercialize that idea or get an SBIR/STTR to do additional R&D? Join the webinar series Turning Your Innovation into a Business in September and October, hosted by UNHInnovation and NH Small Business Development Center. The topics will help orient you towards having a business mindset. The information you gain will better enable you to work on developing your business with the NH SBDC and UNHInnovation.

September Sessions:
Getting from Idea to Business
September 22, 12:00 – 1:00 p.m.
Speaker: Julie Glosner, Merrimack Valley Regional Director, NH Small Business Development Center

Generating Revenue Beyond SBIR/STTR
September 29, 12 – 1 p.m.
Speaker: Ed Miles, Business Advisor, NH Small Business Development Center

Register here.

NSF Proposal & Award Policies & Procedure Guide (PAPPG): New version effective October 4, 2021

[Research and Large Center Development](#) has created an updated proposal deconstruction tool that reflects the changes mandated in the new guide ([NSF 22-1](#)). It can be found in the [NSF folder of the RD Digital Library](#) . Major changes related to proposal preparation are (1) the Biosketch has been lengthened to 3 pages to allow for full disclosure of all academic, professional, and institutional appointments and (2) the Current and Pending Support format has been modified to include new sections for information on project objectives and overlap with other projects to help NSF and reviewers assess overlap/duplication. Updated fillable PDF formats will be available for download from the NSF [biographical sketch](#) and [current and pending support](#) websites by September 3. Updated SciENcv formats will be available on the SciENcv Create a New Document screen by September 17.

DOE Biological and Environmental Research — Request for Information

The U.S. Department of Energy's Office of Science is seeking input on how to maintain U.S. competitiveness in comparison to other international efforts and grow research efforts of the Biological and Environmental Research (BER) program. Specifically, DOE is seeking information on the status of current capabilities, partnerships, funding mechanisms and workforce development in atmospheric science, Earth and environmental system modeling, environmental science, bioenergy and bioproducts, plant and microbial genomics, data analytics and management, and scientific user facilities. Responses are due October 31.
Details: [Request for Information on Assessing the National and International Standing of Biological and Environmental Research](#).

NSF: System Updates

The National Science Foundation (NSF) recently [released a variety of system updates](#) in Research.gov. They have also been working on an enhanced NSF Funding Opportunity Search functionality along with revamped program pages on the new version of the NSF website.
Additionally, NSF-approved biographical sketch and current and pending support SciENcv and fillable PDF formats are being released. The updated fillable PDF formats are available for download from the NSF biographical sketch and current and pending support websites.

These new formats should not be used in submissions until they are required as of 10/04/2021 when the revised Proposal & Award Policies & Procedures Guide (PAPPG) ([NSF 22-1](#)) goes into effect.

NIH: Two-Factor Authentication Requirement Updated Deadline and Approach

As [mentioned last April](#) , NIH will require two-factor authentication (2 FA) for eRA Commons access. NIH has an updated deadline and approach and has also provided more details in the recent [NOT-OD-21-172](#).

Since its launch on September 15, all PIs and key personnel associated with an application or Research Performance Progress Report (RPPR) will be required to use two-factor authentication 45 days after the submission of their competing grant application (Type 1 or 2) or their RPPR. eRA will also send reminder messages during the 45-day period to those individuals required to use the new two-factor authentication.

NIH does not yet require administrative account holders (this includes AO accounts) to use two-factor authentication until early 2022. NIH encourages administrators with only a single eRA administrative account to start using two-factor authentication now to access eRA systems.

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 Development Newsletters

Research Development & Grant Writing News – September 2021
Lewis-Burke's Monthly Defense Policy newsletter – September 2021

Workshop Resources

Did you miss a workshop?
Slides and resources from past programs are available on the Research and Large Center Development website and the Research Communications Academy website.

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
Sept 28	National Endowment for the Humanities (NEH)	Infrastructure and Capacity Building Challenge Grants
Oct 4	National Science Foundation (NSF)	Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (INCLUDES)

Nov 17	Blavatnik Family Foundation	2022 Blavatnik National Awards for Young Scientists Watch for an email w/info about an internal competition

Research Integrity Services Drop-In Zoom Office Hours Through October

Research Integrity Services will continue to offer drop-in Zoom "office hours" in October: Tuesdays 9:00-10:00 am, Wednesdays 12:00-1:00 pm and Thursdays 3:00-4:00 pm. Stop by with your questions about using Cayuse Human Ethics for IRB applications, using Cayuse Outside Interests for external activity disclosures, or general research compliance matters. Click the hyperlinks for more information, including the current Zoom link and up-to-date schedule.

Institutional Biosafety Committee Meeting Schedule

The Institutional Biosafety Committee meets every other month with meeting dates for 2021 and 2022 published on the Institutional Biosafety Committee webpage. Please submit protocols by the due date listed for consideration at the next meeting.

Institutional Review Board Fall 2021 Semester Meeting Schedule

The UNH Institutional Review Board (IRB) for the Protection of Human Subjects has set the Fall 2021 semester meeting schedule for the review of applications requiring Full Board review. Please contact Susan Jalbert (603) 862-3536, Melissa McGee (603) 862-2005, or Julie Simpson (603) 862-2003 with questions.

Institutional Animal Care and Use Committee Fall 2021 Semester Meeting Schedule

The UNH Institutional Animal Care and Use Committee (IACUC) has set the Fall 2021 semester meeting schedule for the review of applications for the use of vertebrate animals in research or instruction. Please contact Susan Jalbert (603) 862-3536 or Julie Simpson (603) 862-2003 with questions.

Effort Certification Reminder

If you haven't certified your federally funded effort, please do so in the effort certification web application. To comply with federal effort reporting regulations, log in to the application here. Contact Gretchen Losee with questions.

Kronos Supervisor Approval of Adjunct and Hourly Staff

Please remember that approving hours worked and leave taken is a basic responsibility of all supervisors. A supervisor's failure to approve employees' time entries may result in audit findings and may force SPA to implement a monthly effort certification process for adjunct and hourly staff.

Find your GCA

If you are having trouble locating your grants and contracts administrator, click here.

CAYUSE is *Really* Coming to Sponsored Programs

Sponsored Programs is excited to announce the forthcoming launch of the CAYUSE Proposal Suite of Modules. The advantages of CAYUSE are many, including the ability to streamline the submission of grant and award materials. We will be posting additional information in the weeks to come.

UPCOMING EVENTS

DEI Initiatives in the Workplace

Wednesday, September 22
12 p.m.
Virtual
Evolving workplace diversity, equity, and inclusion (DEI) initiatives are more imperative today than ever before. Almost 80% of workers in a recent survey said they want to work at a company that values diversity and equity. Creating an inclusive workforce leads to increased employee retention, higher revenue, more productivity, and job satisfaction. Join this webinar to hear UNH alumni that are industry leaders share ways companies can demonstrate a commitment to incorporating DEI initiatives in their work. RSVP here.

NH BioBlitz

September
Town-owned lands across New Hampshire
During the month of September 2021, UNH Extension needs your help finding and documenting species (plants, animals, insects, fungi) found on town-owned lands all over New Hampshire using iNaturalist. This is a statewide event, and you can participate on town-owned lands right in your own community. Learn more.

Become a Campus Listener

September 29, 3 – 5 pm
MUB Room 334/336
Interested in volunteering as a compassionate listener at campus events? Learn de-escalation skills through listening and dialogue at NH Listens' Campus Listeners program. Sponsored by the Carsey School/NH Listens; UNH Office of Community, Equity, and Diversity; and The Aulbani J. Beauregard Center for Equity, Freedom and Justice. Register here .

Wendy Klemperer: Artist at Sea

Through October 15, 2021
UNH Museum of Art
In 2019, Wendy Klemperer joined Jennifer Miksis-Olds, director of the UNH Center for Acoustics Research and Education, for a unique three-week artist residency at sea as part of a project focused on the development of the Atlantic Deepwater Ecosystem Observatory Network (ADEON). Her pencil sketches of the crew members highlight the collaborative nature of scientific research, and her watercolors of the sea and ocean life celebrate the scientific and experiential rewards of conducting environmental research outdoors. Learn more.

NSF Fall 2021 Virtual Grants Conference

October 4 – 8
Virtual
The Fall 2021 Virtual Grants Conference is designed to give new faculty, researchers, and administrators key insights into a wide range of current issues at NSF. NSF program officers will be providing up-to-date information about specific funding opportunities and answering attendee questions. Registration will open on Wednesday, September 8 at 12:00 pm. For those who cannot attend the live conference, all recorded conference sessions will be available on-demand shortly after the event. Details: https://nsfpolicyoutreach.com/fall-21-virtual-conf/

Fire Extinguisher Training

October 8, between 8 a.m. and 5 p.m.
On-campus location TBD
The Office of Environmental Health & Safety is sponsoring live fire extinguisher training. You will learn how to operate a portable fire extinguisher and use one to put out a real fire. This skill can help you if you encounter a fire at UNH or at home. Contact EHS to register; call 603-862-4041 or email Brian Cournoyer or Matt Smith.

NSF EHR Townhall — Data Science in Education

October 8, 10:00 am – 3:45 pm
Virtual
The National Science Foundation's Directorate for Education and Human Resources (EHR) hosts a town hall meeting to stimulate a national conversation on the topic of Data Science in Education. This town hall meeting will explore data science and its impact across all levels of education from K-12 through higher education, including community colleges, minority serving institutions, and graduate institutions. Find details and the preregistration link here.

Collaborative Research and Scholarship Part 1: Charting the Course for Success

October 12, 2:10-3:30 pm
Virtual
For many fields in the sciences and humanities, working in teams or collaborating in groups of all sizes is rapidly becoming essential to address complex challenges. Forming groups of individuals with diverse backgrounds, perspectives and expertise to work on thorny issues allows for creative thinking and problem solving. However, it also presents challenges that can include different values, personalities, and behaviors; various communication, leadership and work styles; and diverse perspectives. Establishing the groundwork at the beginning of a collaboration or the development of a team to address these challenges is key to creating an effectively functioning group. In the first of this two-part workshop, presenters will review the theory of successful teams/collaborations and discuss strategies for establishing and launching a successful research group. Registration required; please register here.

FY22 CoRE Kick-off Event

October 14, 3 p.m.
Virtual
Awardees of the FY22 UNH Collaborative Research Excellence (CoRE) initiative will share information about their projects. The approximately hour-long event is open to CoRE team members (internal and external) and the entire UNH community. Please register to receive a Zoom link.

UNH holds a deep commitment to the advancement of interdisciplinary research and academic excellence to address issues facing UNH, our state, region and beyond. CoRE supports this vision by providing five funding opportunities that collectively reinforce a broad culture of interdisciplinary exchange, collaboration, planning, and support. To date, CoRE investments have stimulated more than $35 million 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

Conducting Research Involving College Students

Tuesday, October 26, 12:40-2:00pm
Virtual
A considerable amount of research takes place at UNH involving college students as research participants. This session will provide a high-level overview of pertinent laws and regulations affecting this population (e.g., the Family

Educational Rights and Privacy Act, Title IX), identify different types of issues that frequently arise when conducting research involving students at UNH and provide strategies for addressing such issues in an application to the UNH Institutional Review Board (IRB). Presented by UNH Research Integrity Services and the Office of the Registrar. Registration required; please register here.

NIH Fall 2021 NIH Virtual Seminar on Program Funding and Grants Administration

November 1 -4
Virtual
This event is designed to demystify the NIH grant application, review, award and post-award processes and policies. In addition to the presentations (live sessions, as well as an on-demand video library), there are opportunities to connect with NIH/HHS staff, take part in discussions, and access a broad range of resources. The target audience for this event is those who are new to working with the NIH grants process as an investigator or administrator. Details and free registration.

Collaborative Research and Scholarship Part 2: Managing Differences for Success

Thursday, November 4, 2:10-3:30 pm
Virtual
In the second of this two-part workshop, panelists will highlight successes and issues presented by teams/collaborations that involve different types of partners such as; international, business/industry, government, community, other institutions and members of differing academic rank. The panelists will also discuss their approaches and practical solutions to promote effectively functioning teams/groups. Registration required; please register here.

STAFF NEWS

Introducing New Staff to the SPA Team

Cathy Roy, STAR grants and contracts administrator III. Prior to coming to UNH, Roy worked as a financial Controller and managed a team of four at North Country Health Consortium. In addition to this experience, she brings to SPA her experience as an academic administrator for a research-intensive department at Dartmouth College.

Kerri Henchey, STAR grants and contracts administrator I. Henchey is a well-known professional in the UNH community. She worked in CHHS for the last six years as a Financial Support Specialist. She has a keen awareness of university and sponsor policies and brings great experience to this new position.

GOOD NEWS

Michael Swack, director of the Carsey School's Center for Impact Finance and research professor of economics, has been [appointed to President Biden's U.S. Community Development advisory board](). Two UNH marine science-art collaborations recently made news: Boston's WCVB featured [glassblower Robert DuGrenier's residence]() at Shoals Marine Lab, and [New Hampshire Public Radio highlighted the collaboration]() between artist Wendy Klemperer and Jennifer Miksis-Olds, director of UNH's Center for Acoustics Research and Education (see "Events" for exhibit information). Iago Hale, associate professor of specialty crop improvement, led an international team that [sequenced the genome]() of the economically vital shea tree. Corinna Tucker, professor of human development and family studies, led a [recently published study]() on witnessing a sibling's abuse and mental health; UNH co-authors are professors of sociology David Finkelhor and Heather Turner. A [NOAA grant]() to civil and environmental engineering professors Jo Sias and Jennifer Jacobs and associate professor Eshan Dave will study how coastal flooding affects road infrastructure. Stuart Grandy, professor of soil biogeochemistry; Paula Mouser, associate professor of civil and environmental engineering; Serita Frey, professor of soil microbial ecology; and David Needle, senior pathologist with the UNH Veterinary Diagnostic Laboratory have [received grants to support soil sustainability research](). The Sierra Club [ranked UNH ninth]() on its annual "Coolest Schools" list of North America's greenest universities. 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]() .