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UNIVERSITY OF
NORTHERN
COLORADO

NIH Training Webinar TODAY!

Today, March 28, 2024 - 2:00 pm - 3:15 pm MT

Join ORSP and Hanover Research TODAY for the first of two professional development trainings on the National Institutes of Health: The NIH Toolkit

This session will focus on Award Types, Pre-Submission Tools, Program Officer Outreach, Decoding the Funding Announcement, and Much, More

Join the Webinar using the following Zoom Information:

[https://unco.zoom.us/j/97759331567?
pwd=b01BVFpzUVVvQjB3d09VTENKdzJEQT09](https://unco.zoom.us/j/97759331567?pwd=b01BVFpzUVVvQjB3d09VTENKdzJEQT09)

Passcode: 120950
Meeting ID: 977 5933 1567

New Funding Opportunities

NSF Dear Colleague Letter Innovative Use of Scientific Collections (IUSC)

Proposals Due Dates Vary Based on the NSF Program Selected

Synopsis

With this Dear Colleague Letter, NSF encourages submission of proposals to participating NSF programs ([listed here](#)) that foster Innovative Use of Scientific Collections (IUSC) and/or associated digital data for novel research, education, and training applications within and across STEM disciplines.

NSF encourages the submission of proposals that foster Innovative Use of Scientific Collections and/or associated digital data for novel research, education, and training applications within and across STEM disciplines. Examples of such proposals include, but are not limited to, those that:

- Propose innovative use of existing biodiversity, living stocks, geological, anthropological, and/or behavioral collections, images and other digital media, and collections-associated data, including to develop or apply new analytical techniques or to answer new scientific questions beyond the original intention of the collections
- Integrate the use of existing collections and collections-associated data in fields that traditionally have made little use of collections
- Create partnerships to use existing collections and collections-associated data in research, training, and education by primarily undergraduate institutions, minority-serving institutions, and other under-resourced institutions
- Make use of biological, genomic, and/or geological samples and specimens collected by the National Ecological Observatory Network (NEON) from terrestrial and aquatic sites and housed at the NEON Biorepository
- Include as a Broader Impact the use of existing collections to engage students in authentic research experiences

For complete program information, [please click here](#).

Burroughs Wellcome Fund Climate Change and Human Health Seed Grants

Proposals Due July 25, 2024

Synopsis

The Burroughs Wellcome Fund aims to stimulate the growth of new connections between thinkers working in largely disconnected fields who might together change the course of climate change's impact on human health. In the three years between Fall 2023 and Summer 2026, we will dedicate \$1M to supporting small, early stage grants of \$2,500–\$50,000 toward achieving this goal.

We are mainly but not exclusively interested in activities that build connections between basic/early biomedical scientific approaches and ecological, environmental, geological, geographic, and planetary-scale thinking, as well as with population-focused fields, including epidemiology and public health, demography, economics, and urban planning. Also of interest is work piloting new approaches or interactions toward reducing the impact of health-centered activities, such as developing more sustainable systems for health care, care delivery, and biomedical research systems.

Another area of interest is preparation for the impacts of extreme weather and other crises that can drive large-scale disruptions that will immediately impact human health and the delivery of health care. Public outreach, climate communication, and education efforts focused on the intersection of climate and health are also appropriate for this call. This program supports work conceived through many kinds of creative thinking.

For additional program and application details, [please click here](#).

NIH STrengthening Research Opportunities for NIH Grants (STRONG): Structured Institutional Needs Assessment and Action Plan Development for Resource Limited Institutions (RLIs) (UC2)

Proposals Due September 18, 2024

Synopsis

The STrengthening Research Opportunities for NIH Grants (STRONG) program supports research capacity needs assessments at Resource-Limited Institutions (RLIs). The program also supports the recipient institutions to use the results of the assessments to develop action plans for how to meet the identified needs.

The institution will determine the needs assessment foci, but may include broad categories such as research and student/faculty:

Research topics may include:

- Research infrastructure may include physical research facilities, lab equipment, and computing resources, core facility for technology, support staff, professional development, laboratories. Appropriate physical research facilities and skilled research support to enable competitiveness.
- Research readiness in areas, such as basic, behavioral or clinical research, grantsmanship support, seminars and workshops for grant writing, for sharing research ideas to enhance knowledge in the field. Potential and current scientific research areas of interest.
- Capacity to conduct Human Subjects Research
- Capacity for Community Engagement research
- Partnerships/ collaboration with other academic institutions, the public sector, and community-based organizations that are sustainable and equitable

Student and faculty topics may include:

- Training needs, Mentoring/Sponsorship, faculty development.

- Student resources for research, support for research experiences, and for post-bac and graduate career progression in biomedical research and in STEM topics
- Research staff recruitment and benefits packages, retention bonuses,
- Faculty teaching workloads that allow time for research pursuits, and department/college-based research staff and administrative support
- Institutional policies for assessment of teaching vs research assignments
- Tenure evaluations of faculty services for research, committee, community engagement, etc., protected time for research program development

Attend an informational webinar on July 26, 2024 at 11:00 AM in Mountain Time
Please click the link below to join the Webinar:

[https://nih.zoomgov.com/j/1605547820?](https://nih.zoomgov.com/j/1605547820?pwd=VkdNcDFQenUzZmksMnVYVlRQRnV2Zz09&from=addon)
pwd=VkdNcDFQenUzZmksMnVYVlRQRnV2Zz09&from=addon
Passcode: 928996

For complete program information, [please click here.](#)

Previously Announced Funding Opportunities

NSF Confronting Hazards, Impacts and Risks for a Resilient Planet (CHIRRP)

Proposals Due June 6, 2024

Synopsis

The Confronting Hazards, Impacts and Risks for a Resilient Planet Program (CHIRRP) invites projects focusing on innovative and transformative research that advances Earth system hazard knowledge and risk mitigation in partnership with affected communities. Hazards compounded by changing climates, rising populations, expanding demands for resources, aging infrastructure, and increasing reliance on technology are putting our economy, well-being, and national security at risk.

Researchers, academics, and community leaders will work together to develop community-driven research questions and actionable, science-based solutions that increase community resilience now and in the future. CHIRRP projects are expected to advance understanding, forecasting and/or prediction of future Earth system hazards and risks, engage communities in development of research questions and approaches, and produce actionable, science-based solution pathways for adaptation methodologies, products, and services.

CHIRRP projects may evaluate a single or system of cascading hazards, impacts, and risks at a local, regional, or global scale through the lens of transformative earth system science research. Competitive projects will engage community partners at all stages of a project from development to implementation.

CHIRRP currently supports planning, conference, RCNs, EAGER, and RAISE proposals that support development of community partnerships, provide training for effective community engagement, catalyze ideas, and/or support the initial conceptualization, planning and collaboration activities aimed at formulating new and sound plans for future large-scale projects.

For additional program information, [please click here.](#)

NIH Research Conference Grant (R13)

Proposals Due August 12, 2024

Synopsis

The purpose of the NIH Research Conference Grant (R13) is to support high quality scientific conferences that are relevant to the NIH's mission and to the public health. A conference is defined as a symposium, seminar, workshop, or any other organized and formal meeting, whether conducted face-to-face or via the internet, where individuals assemble (or meet virtually) for the primary purpose to exchange technical information and views or explore or clarify a defined subject, problem, or area of knowledge, whether or not a published report results from such meeting.

For complete program details, [please click here.](#)

NIH Support for Research Excellence (SuRE) and Support for Research Excellence First Independent Research (SuRE-First) Awards

Proposals for Both Programs Due September 27, 2024

Synopsis - SuRE

The SuRE program **supports research capacity building** at eligible higher education institutions by funding investigator-initiated biomedical research in basic, social, clinical, behavioral, or translational science that falls in the mission areas of the NIH.

The purpose of SuRE awards is to provide research grant support for faculty investigators at **resource-limited institutions** who are not currently funded by any [NIH Research Project Grants \(RPGs\)](#) with the exception of SuRE or SuRE-First awards, to furnish students with high-quality undergraduate and/or graduate research experiences and to enhance the institutional scientific research culture.

For complete program details, [please click here.](#)

Synopsis - SuRE-FIRST

The purpose of SuRE-First awards is to provide **research grant support for faculty investigators who have not had prior independent external research grants**, to furnish students with high-quality undergraduate and/or graduate research experiences and to enhance the institutional scientific research culture.

Like the SuRE program, SuRE-FIRST also supports research capacity building at eligible higher education institutions by funding investigator-initiated biomedical research in basic, social, clinical, behavioral, or translational science that falls in the mission areas of the NIH.

For complete program details, [please click here.](#)

NSF Major Research Instrumentation (MRI) Program

Proposals Due October 15, 2024 - November 15, 2024

Synopsis

The Major Research Instrumentation (MRI) Program ([MRI Program Website](#)) serves to increase access to multi-user scientific and engineering instrumentation for research and research training in our Nation's institutions of higher education and not-for-profit scientific/engineering research organizations. An MRI award supports the acquisition of a multi-user research instrument that is commercially available through direct purchase from a vendor, or for the personnel costs and equipment that are required for the development of an instrument with new capabilities, thereby advancing instrumentation capabilities and enhancing expertise for instrument design and fabrication at academic institutions. MRI instruments are, in general, too costly and/or not appropriate for support through other NSF programs.

MRI provides support to acquire critical research instrumentation without which advances in fundamental science and engineering research may not otherwise occur. MRI also provides support to obtain next-generation research instruments by developing instruments with new capabilities that open new opportunities to advance the frontiers in science and engineering research. Additionally, an MRI award is expected to enhance research training of students.

For complete program details, [please click here.](#)

NSF DCL: Piloting Departmental-level

Systemic Change for Equity

Required Preliminary Proposals Due February 11, 2025

Synopsis

The NSF's Directorate for STEM Education (EDU), with leadership from the Division of Equity for Excellence in STEM (EES) and the Alliances for Graduate Education and the Professoriate (AGEP) program, seeks to understand the role that STEM departments play in institutionalizing change strategies that promote equitable policies and practices for graduate students, postdoctoral scholars, and faculty.

This Dear Colleague Letter particularly encourages submission of new proposals to support projects focused on departmental-level changes in policies and practices that support and retain the diverse talent of STEM doctoral candidates, postdoctoral scholars and faculty from historically underrepresented and underserved minority groups.

(See the AGEP Solicitation) Proposals are invited for AGEP Catalyst Alliances (ACA) and Institutional Transformation Alliances (ITA), as detailed in the [AGEP Solicitation](#). Some examples of projects may include changes to departmental policies related to recruitment and retention of graduate students and/or postdoctoral fellows; changes to recruitment and retention of faculty members; changes to the structure and practices of promotion and/or tenure of full time instructors or tenure-track faculty; or changes to teaching evaluations, or evaluation of pedagogical practices that promote equitable and inclusive classroom involvement of all students, and most importantly, are considered valid and important components of faculty evaluation.

For additional program information, [please click here](#).

NEH Institutes for Higher Education Faculty and K-12 Educators

Applications Available: November 14, 2024 - Application Deadline: February 12, 2025

Synopsis

NEH-funded institutes are professional development programs that convene K-12 educators from across the nation to deepen their understanding of significant topics in the humanities and enrich their capacity for effective scholarship and teaching.

For complete program information, [please click here](#).

Agency Announcements & Information

2024 GRC Virtual Funding Summit

Just two weeks away, the [2024 GRC Virtual Funding Summit](#), April 9-11, will be packed with the latest information on grants to provide vital support for your students, your research, and the UNC campus.

The event will include multiple sessions led by federal and private grant makers covering a wide range of funding programs - and opportunities to ask questions.

The Summit will also be a great way to share sponsored programs ideas and experiences directly with your GRC colleagues from across the country, through member-led discussions held on April 11.

[Registration](#) is only \$200 per person for GRC members for the entire event, which includes the live broadcast (with the opportunity to ask questions) and recordings of each session shortly after the event. Attendees can take part in as many sessions as they like "live" and catch up on any they miss through the recordings. UNC is a GRC member.

To Register for the Funding Summit, [click here](#).

New Tool and Data Source!

The USGS Science Collaboration Portal for the Colorado River Basin

The Colorado River Basin Science Collaboration Portal evolved from the need by partners for better access to the wide range of USGS science produced across the basin.

"The new USGS Colorado River Basin Science Portal provides a forum for presenting, discussing, integrating and disseminating science with users of USGS and partner data," said Katharine Dahm, Deputy Regional Director, USGS Rocky Mountain Region. "Through improved access to integrated data, we can deepen understanding and continue collaborative stewardship of the Colorado River system amid mounting water challenges."

Read more about it [here](#). Access the portal [here](#).

NIH Pearls of Wisdom: Nora Volkow, M.D.

NIH has posted a new Pearls of Wisdom session to inspire, motivate, and inform women at various stages of their biomedical careers.

[Click here](#) to watch this two-minute video with Nora Volkow, M.D., who shares her experience with the barriers and opposition she faced as a woman ascending into leadership positions in the scientific and medical fields. Dr. Volkow serves as the Director of the National Institute on Drug Abuse (NIDA) at the NIH, an institute which supports most of the world's research on the health aspects of drug abuse and addiction.

National Science Foundation Spring 2024 Grants Conference June 3-5, 2024

The NSF Grants Conference provides new faculty, researchers, and administrators with valuable insights into various current issues at NSF. Program officers from each NSF Directorate will be present to offer the latest information on specific funding opportunities and address attendees' questions.

The virtual event registration fee is \$50. Virtual attendees will have the opportunity to watch all sessions live and submit questions to presenters. Attendees will also gain access to the event platform to connect with other attendees, participate in networking activities, and watch content on-demand.

For complete Conference information, including the agenda, [please click here](#).
[Register here](#).



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