

[View this email in your browser](#)



UNIVERSITY OF  
NORTHERN  
COLORADO

## New Funding Opportunities

### Siegel Family Endowment and Walton Family Foundation – Learning Landscapes Challenge

Phase 1 Submission Deadline is May 14, 2024

#### Synopsis

The Learning Landscapes Challenge, sponsored by Siegel Family Endowment and the Walton Family Foundation, will help changemakers integrate social, digital, and physical infrastructure to bridge the learning of today with the learning of tomorrow. The multiphase challenge will provide entrants with funding, expertise, and access to a collaborative community of like-minded partners that can help them scale their solutions.

Phase 1 invites changemakers to propose infrastructure solutions that deliver and connect digital, in-school, and community-based learning experiences. Each Phase 1 winner will receive \$5,000 and an exclusive invitation to participate in Phase 2. Phase 2 winners receive \$200,000 each and advance to Phase 3. Up to two grand-prize winners will receive \$500,000 each to support implementation of their delivery solutions.

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

### Spencer Foundation Large Grants

Intent to Apply due May 22, 2024  
Full Proposal Deadline June 18, 2024

#### Synopsis

The Large Research Grants on Education Program supports education research projects that will contribute to the improvement of education, broadly conceived, with budgets ranging from \$125,000 to \$500,000 for projects ranging from one to five years. Spencer anticipates awarding grants with budgets across each of the following funding tiers -- \$125,000 to 250,000; \$250,001 to \$375,000; and \$375,001 to \$500,000. Within each funding tier, Spencer evaluates projects and strongly encourages applicants to submit for funding that best fits their project rather than applying for the highest amount. They accept Intent to Apply forms twice a year.

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

### William T. Grant Foundation 2024 Institutional Challenge Grant

Grant Competition Opens May 16, 2024  
Proposals Due September 12, 2024

#### Synopsis

The Institutional Challenge Grant supports university-based research institutes, schools, and centers in building sustained research-practice partnerships with public agencies or nonprofit organizations in order to reduce inequality in youth outcomes. The grant requires that research institutions shift their policies and practices to value collaborative research. Institutions also need to build the capacity of researchers to produce relevant work and the capacity of agency and nonprofit partners to use research.

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

### NSF Building Research Capacity of New Faculty in Biology

Proposals Deadline July 1, 2024

#### Synopsis

With a focus on **enhancing research capacity and broadening participation of new faculty of biology at minority-serving institutions** (MSIs), predominantly undergraduate institutions (PUIs), and other universities and colleges that are not among the nation's most research-intensive institutions, the Directorate for Biological Sciences (BIO) offers the Building Research Capacity of New Faculty in Biology (BRC-BIO) program.

The BRC-BIO program aims to a) broaden participation by expanding the types of institutions that submit proposals to BIO, and b) expand opportunities to groups underrepresented in the biological sciences, including Blacks and African Americans, Hispanics, Latinos, Native Americans, Alaska Natives, Native Hawaiians and other Pacific Islanders, and persons with disabilities, especially those serving at under-resourced institutions. Awards will provide the means for new faculty to initiate and build independent research programs by enhancing their research capacity. These projects might also include biology-focused research collaborations among faculty within the same institution, across peers, or research-intensive institutions, or partnerships with industry or other non-academic partners that advance the candidate's research program.

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

### Alfred P. Sloan Foundation Call for Letters of Inquiry: Creating Equitable Pathways to STEM Graduate Education

Letters of Inquiry due July 1, 2024

#### Synopsis

Grants awarded through this Call will support institutional pathways from undergraduate programs at Minority Serving Institutions to STEM master's and doctoral degree programs in astronomy, biology, chemistry, computer science, data science, Earth sciences, economics, engineering, marine science, mathematics, physics, and statistics.

Grants up to \$500,000 will be awarded to U.S. higher education institutions and organizations developing equitable pathways to STEM graduate education.

#### Informational Webinars

April 18, 12:00-1:00PM EDT - [Register here](#)  
May 9, 3:00-4:00PM EDT - [Register here](#)

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

### NSF Cyberinfrastructure for Public Access and Open Science (CI PAOS)

Proposals Accepted Anytime

#### Synopsis

The Cyberinfrastructure for Public Access and Open Science (CI PAOS) program aims to catalyze new and transformative **socio-technical partnerships** supporting research data infrastructure ecosystems across domains through early-stage collaborative activities between cyberinfrastructure researchers, scientists, research computing experts, data management experts, research labs, university libraries, and other communities of practice.

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

## Recently Announced Funding Opportunities

### The Russell Sage, Hewlett, Spencer, and William T. Grant Foundations Collaborative Research Initiative Promoting Educational Attainment and Economic Mobility among Diverse Groups

Letters of Inquiry Due April 16, 2024

#### Synopsis

The Russell Sage, Hewlett, Spencer, and William T. Grant Foundations have launched a new research initiative on [promoting educational attainment and economic mobility among racially, ethnically, and economically diverse groups after the 2023 Supreme Court decision to ban race-conscious admissions at colleges and universities](#). The Court ruled that the use of race-conscious admissions policies violated the Equal Protection Clause of the 14th Amendment and was therefore unconstitutional. The decision is likely to generate experimentation with a range of methods to promote diversity, equity, and inclusion in higher education and the educational attainment and economic mobility of underrepresented and lower-income groups. It may also have effects on employment and promotions decisions even though the ruling did not address them. We are especially interested in proposals that will advance social science research on the social, political, and economic effects of the Supreme Court decision and the future of race-conscious policies more generally.

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

### NSF Dear Colleague Letter: Catalyzing Human-Centered Solutions Through Research and Innovation in Science, the Environment and Society

Concept Outlines must be submitted by May 1, 2024

Pis invited to submit a full planning proposal will receive notification by May 15, 2024

#### Synopsis

NSF seeks to build research capacity and infrastructure to address complex and compounding national and global crises whose solutions require a human-centered approach. To help generate effective and long-lasting solutions, NSF is providing this

funding opportunity to inform possible future Centers for Research and Innovation in Science, the Environment and Society (CRISES).

The envisioned centers will catalyze new research and research-based innovations to address seemingly intractable problems that confront society. Research is needed to anticipate how to effectively respond to social, political, economic, and environmental change resulting from systemic disruptions to mitigate and minimize negative impacts on humanity. By supporting research to understand the social and behavioral aspects of the rapidly changing world and how these challenges are affected by social, political, economic, and natural environments this DCL aims to advance understandings of fundamental and use-inspired research of people, organizations, and society, while revealing emerging opportunities to address challenges affecting individuals and communities to live healthy and productive lives.

This announcement encourages multi-disciplinary teams led by social or behavioral scientists to develop programs to advance scientific understanding of critical challenges facing social and environmental systems at local, regional, and global scales.

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

#### Applications Due May 3, 2024

##### Synopsis

The On to the Future (OTF) program supports **students** from diverse communities to attend **GSA Connects** by offering partial travel funding, meeting registration, one-year membership, mentorship, and special sessions with leadership during the meeting.

This year's conference themes are: Water in our Changing World; Life Along an Active Margin. [Get application details and eligibility information](#) to apply starting mid-March.

**Students should apply here.**

## NIH Undergraduate Research Training Initiative for Student Enhancement (U-RISE) (T34)

#### Proposals Due May 29, 2024 & May 28, 2025

##### Synopsis

The goal of the Undergraduate Research Training Initiative for Student Enhancement (U-RISE) program is to promote broad participation in the biomedical research workforce by strengthening research training environments and expanding the pool of well-trained students who:

- Complete their baccalaureate degree, and
- Transition into and complete biomedical, research-focused higher degree programs (such as Ph.D. or M.D./Ph.D.)

Specifically, this funding announcement provides support to domestic organizations to develop and implement effective, evidence-informed approaches to biomedical undergraduate training and mentoring to support the development of a biomedical research workforce that will benefit from the full range of perspectives, experiences and backgrounds needed to advance discovery. NIGMS expects organizations to engage in outreach and recruitment activities to encourage individuals from underrepresented groups to participate in the program. The proposed research training programs will incorporate didactic, research, and career development elements to prepare trainees for careers that will have a significant impact on the health-related research needs of the nation.

Applicants are strongly encouraged to read information about the U-RISE program found on the [NIGMS website](#) and to **contact program staff before preparing or submitting an application** to verify that the proposed program is eligible and in alignment with NIGMS funding priorities.

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

For answers to FAQs, [please click here](#).

To view samples of funded proposals, [please click here](#).

## NSF Louis Stokes Alliances for Minority Participation (LSAMP)

#### Proposals Due June 24, 2024 - BD-Master's and NETWORKS Proposals ONLY

##### Synopsis

The Louis Stokes Alliances for Minority Participation program invests in the Nation's colleges and universities to aid student success to create a new generation of STEM discoverers. The program takes a comprehensive approach to the STEM Learning Ecosystem to impact STEM student development and retention.

LSAMP is an alliance-based program, whereby a group of institutions of higher education work together to diversify the nation's STEM workforce by increasing the number of STEM baccalaureate and graduate degrees awarded to persons from LSAMP populations.

LSAMP populations are defined as persons from groups underrepresented in the STEM enterprise: Blacks and African-Americans, Hispanic and Latino Americans, American Indians, Alaska Natives, Native Hawaiians, and Pacific Islanders. The LSAMP program provides funding to alliances that implement comprehensive, evidence-based, innovative, and sustained strategies that ultimately result in the graduation of well-prepared, highly competitive students from LSAMP populations who pursue graduate studies or careers in STEM, while also supporting knowledge generation, knowledge utilization, assessment of program impacts, dissemination of scholarly research into the field.

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

## NEH Humanities Collections and Reference Resources

#### Proposals Due July 16, 2024

##### Synopsis

The National Endowment for the Humanities (NEH) Division of Preservation and Access is accepting applications for the Humanities Collections and Reference Resources program. The program supports projects that facilitate the discovery and use of humanities collections for research, teaching, and public engagement. Primary activities include digitizing and describing collections, as well as creating reference resources to synthesize humanities information.

Awards are available at two levels: Planning and Implementation. You are not required to obtain a Planning award prior to applying for an Implementation award.

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

## NSF Probability

#### Proposals Due September 17, 2024

##### Synopsis

The Probability Program supports research on the theory and applications of probability. Subfields include discrete probability, stochastic processes, limit theory, interacting particle systems, stochastic differential and partial differential equations, and Markov processes. Research in probability which involves applications to other areas of science and engineering is especially encouraged.

Conferences Principal Investigators should carefully read the program solicitation "[Conferences and Workshops in the Mathematical Sciences](#)" to obtain important information regarding the substance of proposals for conferences, workshops, summer/winter schools, and similar activities. Conference and workshop proposals should be submitted eight months before the requested start date.

For additional 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/16055478207>  
[pwd=VkdNcDFQenUzZmMk5MnVYVjRQRnVZzO9&from=addon](https://nih.zoomgov.com/j/16055478207)  
Passcode: 928996

For complete program information, [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.](#)

## Webinars, Interviews, Books

### Building Capacity at MSIs

April 18 at 9:30 am MDT

This project, sponsored by the NSF, Spelman College, NORDP (National Organization of Research Development Professionals) and ARIS was generated from virtual and in-person meetings with contributors from various minority serving institutions across the country. Panelists include Camille Coley, University of San Francisco; Brigitte Brown, San Jose State University; and Dr. Kimberly Williams, Spelman College. The panel is hosted by Aditi Pai, Spelman; Kimberly Eck, NORDP; and Susan Renoe, ARIS.

[Register for the webinar here.](#)

### Writing a One-Pager for Program Officers

NSF Biological Sciences Directorate Office Hour

April 18 at 11 am MDT

Join NSF's Division of Integrative Organismal Systems (IOS) for this month's Virtual Office Hour focusing on "How to Write a one-pager and Contact a Program Officer". This month IOS will outline how to put together a one-page research synopsis to send to program officers at NSF, including the best information to include.

Upcoming Office Hours and Topics: May 16th  
NSF CAREER program questions and answers.

[Register for this and future office hours here.](#)

### NSF STEM Education CAREER Workshop

Wednesday May 15, 8:00 am – 2:00 p.m. MDT

The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of early-career faculty who have the potential to serve as academic role models in research and education and to lead advances in the mission of their department or organization. Activities pursued by early-career faculty should build a firm foundation for a lifetime of leadership in integrating education and research.

The workshop is intended to provide guidance and mentorship to prospective CAREER applicants to the NSF Directorate for STEM Education. It will serve as an opportunity for participants to gain a better understanding of the program, including eligibility requirements, the application process, and outcomes of past CAREER awardees, and for participants to interact with other applicants, former awardees, and NSF program officers.

[Preregister here.](#)

### A Sense of Place Webinar Series: Indigenous Perspectives of Earth, Water and Sky -

Featuring NASA Astronaut Colonel Nicole Mann

April 29th, 2024 - 1:00 PM Mountain Time

The Indigenous Education Institute webinar "Sense of Place Speaker Series: Indigenous Perspectives of Earth, Water and Sky" is featuring NASA Astronaut Colonel Nicole Mann, who was selected into NASA's astronaut corps in June 2013. Dr. Mann launched to the International Space Station (ISS) as commander of NASA's SpaceX Crew-5 mission aboard the SpaceX Crew Dragon spacecraft, Endurance, on October 5, 2022. The Crew-5 astronauts lived and worked aboard the ISS for nearly six months as part of Expedition 68.

**Space is limited, [so please register now!](#)**

### Increasing Student Engagement in Entrepreneurship: Four Key Motivational Tactics

Many students have trouble seeing themselves as entrepreneurs or staying motivated during the challenging startup process. Through four motivational tactics, educators can inspire students to intentionally and thoughtfully engage with their broader entrepreneurship ecosystem.

Authors [Reka Barabas](#) (Entrepreneurship Education Consortium), [Cheyrl Bodnar](#) (Rowan University), and [Joanna Garner](#) (Old Dominion University) recently published a white paper that educators can use to help students develop the necessary self-perception, beliefs, goals, and intentions to push them toward starting their own company or bringing their entrepreneurial energy and perspective to a new career path.

[Read More!](#)



Office of Research and Sponsored Programs | [orsp@unco.edu](mailto:orsp@unco.edu) | 970-351-1907

To unsubscribe from the ORSPNEWS list, [click here.](#)

