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UNIVERSITY OF
NORTHERN
COLORADO

Save the Date! National Institutes of Health Training Webinars

March 28 & April 4 - 2:00 - 3:15 pm

Join us for two professional development trainings to better understand the various National Institutes of Health funding mechanisms - March 28; and best practices and new regulations for resubmission - April 4. Both sessions will be virtual and will take place from 2:00 pm to 3:15 pm. Session links are forthcoming.

Funding Opportunities

VentureWell E-Teams Competition

Letter of Inquiry Deadline: April 16, 2024

Synopsis

VentureWell's [E-Team Program](#) offers an enriching combination of grant funding, hands-on learning experience, and mentorship that transform student inventors into thriving entrepreneurs. Teams can receive up to \$25,000 to advance their innovation.

Faculty and staff are asked to share this opportunity with students and colleagues. Students are urged to attend an Info Session on March 12 or April 2 to learn more! Register for one of these sessions [here](#).

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

Department of Education Technical Assistance and Dissemination To Improve Services and Results for Children With Disabilities— National Center on Rigorous Comprehensive Education for Students With Disabilities

Proposals Due April 22, 2024

Synopsis

The purpose of the Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities program is to promote academic achievement and to improve results for children with disabilities by providing TA, supporting model demonstration projects, disseminating useful information, and implementing activities that are supported by scientifically based research.

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

Department of Education International Foreign Language Education (IFLE): Fulbright-Hays Faculty Research Abroad (FRA) Fellowship Program

Proposals Due April 23, 2024

Synopsis

The Fulbright-Hays FRA Fellowship Program provides grants to colleges and universities to fund fellowships for faculty members seeking to improve their area studies and foreign language skills by conducting research abroad. The program is designed to contribute to the development and improvement of the study of modern foreign languages and area studies in the United States.

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

Department of Education Preservice Improvement Enhancement Grants to Support Related Service Providers to Effectively Serve Children with Disabilities and Their Families

Proposals Due May 1, 2024

Synopsis

The purposes of this program are to: (1) help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants, toddlers, and youth with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research, to be successful in serving those children.

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

NEH Preservation and Access Education and Training

Proposals Due May 21, 2024

Synopsis

The NEH is seeking proposals that develop and implement educational programs for professionals who preserve and provide access to humanities collections. Such materials include but are not limited to paper-based, photographic, archaeological, ethnographic, artistic, audiovisual, digitized, and born-digital collections. The maximum award amount is \$350,000.

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

National Institute of Biomedical Imaging and Bioengineering (NIBIB) and VentureWell Design by Biomedical Undergraduate Teams (DEBUT) Challenge

Proposals Due May 31, 2024

Synopsis

The National Institute of Biomedical Imaging and Bioengineering (NIBIB) and VentureWell have come together to support and expand the [Design by Biomedical Undergraduate Teams \(DEBUT\) Challenge](#), a competition that recognizes undergraduate excellence in biomedical design and innovation.

DEBUT challenges teams of students in undergraduate biomedical education to solve real-world problems in healthcare. Prizes of up to \$20,000 will be awarded!

- Faculty and staff: Do you know a group of students developing a novel tool to solve an unmet clinical need? Please spread the word about DEBUT and encourage these teams to submit entries to the challenge! [Here's a promo toolkit](#) to help spread the word.

- Students: If you are an undergraduate biomedical engineering student developing innovative solutions to real-world problems in healthcare, please consider applying! Take the next step and [read through the guidelines](#). Then begin your application today!

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

NSF Improving Undergraduate STEM Education: Computing in Undergraduate Education

Proposals Due May 30, 2024

Synopsis

The Improving Undergraduate STEM Education: Computing in Undergraduate Education program aims to better prepare a wider, more diverse range of students to collaboratively use computation across a range of contexts and challenging problems. With this solicitation, the National Science Foundation focuses on re-envisioning how to teach computing effectively to a broad group of students, in a scalable manner, with an emphasis on broadening participation of groups who are underrepresented and underserved by traditional computing courses and careers.

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

NSF Artificial Intelligence, Formal Methods, and Mathematical Reasoning

Proposals Due June 3, 2024

Synopsis

The Artificial Intelligence, Formal Methods, and Mathematical Reasoning (AIMing) program seeks to support research at the interface of innovative computational and artificial intelligence (AI) technologies and new strategies/technologies in mathematical reasoning to automate knowledge discovery. Mathematical reasoning is a central ability of human intelligence that plays an important role in knowledge discovery. In the last decades, both the mathematics and computer science communities have contributed to research in machine-assisted mathematical reasoning, encompassing conjecture, proof, and verification. This has been in the form of both formal methods and interactive theorem provers, as well as using techniques from artificial intelligence. Recent technological advances have led to a surge of interest in machine-assisted mathematical reasoning from the mathematical sciences, formal methods, and AI communities. In turn, advances in this field have potential impact on research in AI.

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

National Science Foundation Computer Science for All

Full Proposal Deadline: June 4, 2024

Synopsis

This program aims to provide all U.S. students with the opportunity to participate in computer science (CS) and computational thinking (CT) education in their schools at the preK-12 levels. With this solicitation, the National Science Foundation (NSF) focuses on both research and research-practice partnerships (RPPs) that foster the research and development needed to bring CS and CT to all schools. Specifically, this solicitation aims to provide (1) high school teachers with the preparation, professional development (PD) and ongoing support they need to teach rigorous computer science courses; (2) preK-8 teachers with the instructional materials and preparation they need to integrate CS and CT into their teaching; and (3) schools and districts with the resources needed to define and evaluate multi-grade pathways in CS and CT.

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

NSF Confronting Hazards, Impacts and Risks for a Resilient Planet

Application Deadline: Jun 6, 2024

Concept outlines must be submitted 30 days in advance of a full proposal

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.

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

National Institutes of Health Science Education Partnership Award (R25)

Application Deadline: June 7, 2024

Synopsis

The overarching goal of the NIGMS Science Education Partnership Award (SEPA) R25 program is to support educational activities that encourage **pre-college students (pre-kindergarten to grade 12)** from diverse backgrounds, including those from **groups underrepresented in the biomedical and behavioral sciences**, to pursue further studies in science, technology, engineering, and mathematics (STEM).

SEPA supports two types of projects: (1) classroom-based projects for pre-kindergarten to grade 12 (pre-college) students and teachers and (2) informal science education (ISE) projects conducted in outside-the-classroom venues such as science centers, museums and libraries. Projects that support quantitative and computational skills development are strongly encouraged.

A SEPA project may focus on one or more of the following activities centered on any discipline of health research within NIH's mission:

- Courses for Skills Development: Courses in a specific discipline or research area that extend the STEM content normally taught in schools.
- Research Experiences: Hands-on exposure to research for pre-college students and teachers.
- Mentoring Activities: Provide participants with a perspective on the biomedical research training pathways and tools for overcoming challenges, navigating career transition points, and successfully transitioning into careers in the biomedical research workforce.
- Curriculum or Methods Development: STEM education resources to improve biomedical, behavioral or clinical science education, or develop novel instructional approaches or computer-based educational tools.
- Outreach: Dissemination of STEM education resources or biomedical, behavioral and clinical research findings to students, teachers and the general public.

[Click here](#) to see examples of SEPA projects.

For complete 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](#).

NEH Institutes for Advanced Topics in Digital Humanities

Synopsis

The Institutes for Advanced Topics in the Digital Humanities (IATDH) program supports national or regional (multistate) training programs for scholars, humanities professionals, and advanced graduate students to broaden and extend their knowledge of digital humanities. Through this program, NEH seeks to increase the number of humanities scholars and practitioners using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities.

This program aims to bring together humanities scholars, advanced graduate students, librarians, archivists, museum staff, computer scientists, information specialists, and others to learn about new tools, approaches, and technologies, and to foster relationships for future collaborations in the humanities. NEH encourages you to develop proposals for multidisciplinary teams that include the necessary range of intellectual, technical, and practical expertise. You may draw partners and collaborators from the private and public sectors and may include appropriate specialists from within and outside the United States. You should consider not only the practical applications of the institute topic, but also address ethical implications of its subject for humanities research, teaching, or public programming.

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

Agency Announcements

NIH Pearls of Wisdom

In observance of Women's History Month, the NIH Office of Research on Women's Health (ORWH) is sharing videos from the Pearls of Wisdom series to inspire, motivate, and inform women at various stages of their biomedical careers. Produced and funded by ORWH, the series features prominent scientists and physicians at NIH and beyond—many from underrepresented racial and ethnic groups—sharing words of wisdom, perspectives, and advice to current and future women scientists.

Check out this video from Nakela Cook, M.D., M.P.H., who shares her experience with failure early in her career and how the resiliency factor was a difficult but worthwhile lesson that has contributed to her continued success. Dr. Cook served as the Chief of Staff in the Immediate Office of the Director (IOD) of the National Heart, Lung, and Blood Institute (NHLBI), providing institutional leadership and strategic direction for the women's health research agenda at NHLBI.

NSF Growing Convergence Research (GCR) Informational Seminar

Convergence research is a means for solving vexing research problems, in particular, complex problems focusing on societal needs or deep scientific challenges. It entails integrating knowledge, methods, and expertise from different disciplines and developing novel paradigms that catalyze scientific discovery and innovation.

The NSF Growing Convergence Research (GCR) Program team announces an upcoming funding opportunity webinar. The GCR solicitation (NSF 24-527) targets multidisciplinary teams who are embracing convergence research as a means of developing highly innovative solutions to complex research problems.

In this session, Toolbox Dialogue Initiative will host a discussion with the NSF GCR Program team and past GCR awardees. Topics will include highlights from the revised solicitation, conceptualizing convergence, and operationalizing convergence. The discussion will be followed by a Q&A session.

Attend an [informational session](#) on **March 14 from 1:00 – 3:00 p.m. MTD on Zoom**.

Mellon Foundation Race and Revelation in Our American Stories A Virtual Discussion

Tuesday, March 19 at 2 pm MT

How are race and identity driving conversations among Americans of all backgrounds in 2024, and what stories do they reveal about who we are as a vastly diverse country? Award-winning journalist Michele Norris joins Mellon Foundation President Elizabeth Alexander in celebration of many different voices, perspectives, and experiences lifted up in Norris' new book, *Our Hidden Conversations*, and to discuss the power of open dialogue about race in America today.

Mellon's events are lively forums for exchanging ideas and sharing impactful stories. We convene thinkers and educators, artists and activists, and poets and novelists to engage in dialogue with each other and with the broader Mellon community about our shared human experiences. More at mellon.org/events.

[Register to attend here](#).

American Association of State Colleges and Universities (AASCU) 2024 GRC Virtual Funding Summit April 9-11, 2024

Join colleagues from campuses across the country at the Grants Resource Center (GRC) Virtual Funding Summit. Get the latest news on agencies and programs of interest to research administrators, faculty, and staff by exploring a range of funding opportunities and policy updates that can benefit your campus.

The U.S. Department of Education (ED) will be on hand to discuss the [Graduate Assistance in Areas of National Need \(GAANN\)](#) program, as well as ED's popular [Student Support Services TRIO](#) program for HSIs.

The summit's agenda is packed with the latest grant information to support your campus' mission, offering faculty and administration an opportunity to hear directly from a wide range of government funding agencies and private foundations. Funding opportunities can enhance campus programs, support faculty researchers, and improve student success. Participants will have the opportunity to ask questions directly to speakers from federal agencies and foundations. Member-led roundtables will be available so participants can learn from their colleagues across the country.

How will you benefit?

- Expand knowledge of various funding programs
- Hear real-time funding information from speakers
- Gain best practices in the sponsored program space from fellow colleagues

Registration cost is \$200. [Register here](#).

Webinar on NSF Updates on Proposal & Award Policies and Procedures Guides Tuesday, March 12, from 12:00 – 100 PM MST.

The webinar will cover changes and clarifications to the PAPPG, which will be effective for proposals submitted or due on or after May 20, 2024. We encourage you to review the complete by-chapter [Summary of Changes](#) which provides a quick overview of the changes to the [PAPPG \(NSF 24-1\)](#).



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