

UNO FOCUS:

Graduate Student Research (SCGSR) Program
Department of Energy's (DOE) Office of Science

The SCGSR program provides supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory or facility in collaboration with a DOE laboratory scientist — with the goal of preparing graduate students for scientific and technical careers critically important to the DOE Office of Science mission. The research opportunity is expected to advance the graduate students' overall graduate theses while providing access to the expertise, resources, and capabilities available at the host DOE laboratories. SCGSR is open to current Ph.D. students in qualified graduate programs at accredited U.S. academic institutions, who are conducting their graduate thesis research in targeted areas of importance to the DOE Office of Science.

Applications are due on November 8, 2023, at 5:00 pm ET.

LINKS: [Energy.gov](https://www.energy.gov)

NASA Software Catalog

Every year, NASA scientists, engineers, and developers work to create software packages that power space missions, test spacecraft, and analyze vast amounts of data from our cutting-edge research satellites. NASA's Software Catalog makes many of these programs available for download, free of charge, helping NASA innovations benefit all.

The 2023-2024 edition of NASA's Software Catalog contains more than 1,000 codes, including dozens of new packages added this year alone.

LINKS: [Software.NASA.gov](https://software.nasa.gov)

ARTS, HUMANITIES, and INTERNATIONAL

Inspire! Grants for Small Museums (2024)
Institute of Museum and Library Services

Notice seeking proposals from small museums of all disciplines in project-based efforts to serve the public through exhibitions, educational/interpretive programs, digital learning resources, policy development and institutional planning, technology enhancements, professional development, community outreach, audience development, and/or collections management, curation, care, and conservation.

Applications are due November 15, 2023. Estimated \$2.6 million is available to fund up to 60 awards.

LINKS: [Grants.gov](https://www.grants.gov); [Solicitation](#)

Museum Grants for African American History and Culture (2024)
Institute of Museum and Library Services

Notice seeking proposals to build the capacity of African American museums and support the growth and development of museum professionals at African American museums.

Applications are due November 15, 2023. Estimated \$6 million is available to fund up to 35 awards.

LINKS: [Grants.gov](https://www.grants.gov); [Solicitation](#)

Museums Empowered (2024)
Institute of Museum and Library Services

Notice seeking proposals for projects that use the transformative power of professional development and training to generate systemic change within museums of all types and sizes.

Applications are due November 15, 2023. An estimated 20 awards with a ceiling of \$250,000 are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

Museums for America (2024)
Institute of Museum and Library Services

Notice seeking proposals from museums of all sizes and disciplines in strategic, project-based efforts to serve the public through exhibitions, educational/interpretive programs, digital learning resources, professional development, community debate and dialogue, audience-focused studies, and/or collections management, curation, care, and conservation.

Applications are due November 15, 2023. An estimated 120 awards with a ceiling of \$250,000 are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

National Leadership Grants for Museums (2024)
Institute of Museum and Library Services

Notice seeking proposals for projects that address critical needs of the museum field and that have the potential to advance practice in the profession to strengthen museum services for the American public.

Applications are due November 15, 2023. Estimated \$5.8 million is available to fund up to 15 awards.

LINKS: [Grants.gov](#); [Solicitation](#)

Promoting Safe and Responsible Use of the Internet in Today's Digital Age
State

Notice seeking proposals to develop and implement a national program to promote the safe and responsible use of the internet in today's digital world. This program will be designed to provide Nigerian influencers with instructions on safe and appropriate uses of technology and on digital citizenship and internet safety.

Proposals are due September 12, 2023. Estimated \$22,800 is available.

LINKS: [Grants.gov](#)

USAID Improved Maternal, Newborn, Child Health, Immunization and Nutrition Activity
Agency for International Development

Notice seeking applications to accelerate reductions in maternal, newborn, and child mortality and morbidity in high-burden regions of Mozambique by increasing the capacity of host country institutions, including local organizations, to improve access, quality, and sustained use of evidence-based maternal, newborn, and child health (MNCH) services, including routine immunization and nutrition services, as well as, promoting optimal MNCH, child development, and nutrition behaviors and practices.

Required concept papers are due September 29, 2023. Estimated \$92 million is available to fund multiple awards.

LINKS: [Grants.gov](https://www.grants.gov)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

OJJDP FY 2023 Building Local Continuums of Care to Support Youth Success
Justice

Notice seeking proposals to support communities in conducting planning and assessment activities that will inform the development of a community-based continuum of promising and evidence-based prevention and intervention services which will serve as a strong foundation for preventing youth from entering the juvenile justice system, diverting them from moving deeper into the system.

Applications are due September 28, 2023. An estimated 26 awards with a ceiling of \$1.5 million are anticipated.

LINKS: [Grants.gov](https://www.grants.gov)

NOAA's Transformational Habitat Restoration and Coastal Resilience Grants Under the Bipartisan Infrastructure Law and Inflation Reduction Act
Commerce

Notice seeking proposals to support transformational habitat restoration projects that restore marine, estuarine, coastal, or Great Lakes ecosystems, using approaches that enhance community and ecosystem resilience to climate hazards.

Applications are due November 17, 2023. Multiple awards with a ceiling of \$25 million are anticipated.

LINKS: [Grants.gov](https://www.grants.gov)

Office of Career, Technical, and Adult Education (OCTAE): Perkins Innovation and Modernization Grant Program), Assistance Listing Number 84.051F
Education

Notice seeking applications to identify, support, and rigorously evaluate evidence-based and innovative strategies and activities to improve and modernize career and technical education (CTE) and ensure workforce skills taught in CTE programs.

Applications are due October 13, 2023. Estimated \$24.25 million is available to fund 10 to 20 awards.

LINKS: [Grants.gov](https://www.grants.gov); [Federal Register](https://www.federalregister.gov)

HEALTH and MENTAL HEALTH

Assay development and screening for discovery of chemical probes, drugs or immunomodulators (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for identification of small molecules that function to elucidate the biology of disease as chemical probes or function as agonists or antagonists of disease target(s) for therapy or immunotherapy.

Applications are due October 5, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

Community-Engaged Health Equity Research in Neuroscience Initiative (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to establish clinical trial readiness for community-driven research interventions to decrease disparities in neurological disorders in NIH-designated populations that experience health disparities.

Applications are due October 4, 2023. Estimated \$5 million is available to fund five to seven awards.

LINKS: [Grants.gov](#); [Solicitation](#)

Community-Engaged Health Equity Research in Neuroscience Initiative (R34 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for planning grants to assess feasibility and/or determine best practices to conduct community-engaged health equity research in neurological disorders with populations that experience health disparities.

Applications are due October 4, 2023. Estimated \$2.3 million is available to fund five to seven awards.

LINKS: [Grants.gov](#); [Solicitation](#)

NIH Brain Development Cohorts (NBDC) Biospecimen Access (X01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to apply for access to biological samples from the Adolescent Brain Cognitive Development Study.

Applications are due October 6, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

Scaling Health Applications Research for Everyone (SHARE)
Defense

Notice seeking proposals to increase the probability of adapting and scaling high-risk and potentially disruptive new technologies and solutions across the full spectrum of health-related applications. Projects will focus on adapting, scaling, and transition challenges associated with the underlying technology. These can be related to technology integration, manufacturing, and proving efficacy, building capacity, and adapting the technology to the health sector.

Proposals are due September 7, 2023 to RandD.DCSO@dla.mil and DIGIHEALS@ARPA-H.GOV. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

Understanding Expectancies in Cancer Symptom Management (R01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for mechanistic research that aims to understand how and why expectancy effects occur in a cancer context, elucidate their role in cancer symptom management, and identify patients, symptoms, cancer sites, and contexts in which expectancy effects can be leveraged to improve cancer outcomes.

Applications are due October 5, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

Analytical and Clinical Validation of Biomarkers for Alzheimer's Disease (AD) and AD-Related Dementias (ADRD) (U01 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to accelerate the establishment of effective and reliable biomarkers of Alzheimer's disease (AD) and AD-related dementias (ADRD) for use in therapy/medical product discovery and development, clinical trials, and/or clinical practice.

Applications are due November 3, 2023.

LINKS: [Grants.gov](#); [Solicitation](#)

Population Approaches to Reducing Alcohol-related Cancer Risk (R01 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for research on interdisciplinary population approaches to increasing awareness of the relationship between alcohol and cancer risk, understanding and changing social norms related to alcohol consumption, developing and/or evaluating alcohol policy approaches, and the development, testing, and implementation of population-level interventions to reduce alcohol-related cancer risk.

Applications are due February 5, 2024. Multiple awards are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Fellowship for Students at Institutions with NIH-Funded Institutional Predoctoral Dual-Degree Training Programs (Parent F30)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support students at institutions with NIH-funded institutional predoctoral dual-degree training programs. The purpose of the Kirschstein-NRSA, dual-doctoral degree, predoctoral fellowship (F30) is to enhance the integrated research and clinical training of promising predoctoral students, who are matriculated in a combined MD/PhD or other dual-doctoral degree training program (e.g. DO/PhD, DDS/PhD, AuD/PhD, DVM/PhD), and who intend careers as physician/clinician-scientists.

Applications are due annually on December 8, April 8, and August 8. Program expires September 8, 2025.

LINKS: [Grants.gov](#); [Solicitation](#)

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to enable promising predoctoral students to obtain individualized, mentored research training from outstanding faculty sponsors while conducting dissertation research in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers.

Applications are due December 8, 2023.

LINKS: [Grants.gov](#); [Solicitation](#)

Screening, Brief Intervention and Referral to Treatment or Prevention (SBIRT-P) for alcohol, tobacco, and other drugs (ATOD) use and misuse in adult populations that experience health disparities (R01, Clinical Trial Required)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to test innovative approaches to implementing SBIRT/P for alcohol, tobacco, and other drugs (ATOD) use and misuse in adult populations that experience health disparities.

Applications are due annually on February 5, June 5, and October 5. Program expires May 8, 2027.

LINKS: [Grants.gov](#); [Solicitation](#)

Understanding and Mitigating Health Disparities experienced by People with Disabilities caused by Ableism (R01 Clinical Trial Optional)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to encourage research to understand the impact of ableism on health outcomes.

Applications are due November 29, 2023. Estimated \$3.9 million is available to fund five to seven awards.

LINKS: [Grants.gov](#); [Solicitation](#)

VCID Center Without Walls for Understanding and Leveraging Small Vessel Cerebrovascular Disease Mechanisms in AD/DRD (R01 - Clinical Trial Not Allowed)

U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support research designed to, in parallel in human-based and model-based studies, advance fundamental understanding of basic disease-related molecular mechanisms of vascular contributions to cognitive impairment and dementia (VCID).

Applications are due February 1, 2024. Estimated \$7.5 million is available to fund five awards.

LINKS: [Grants.gov](#); [Solicitation](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Division of Physics: Investigator-Initiated Research Projects
National Science Foundation

Notice seeking proposals for physics research and the preparation of future scientists in the nation's colleges and universities across a broad range of physics disciplines that span scales of space and time from the largest to the smallest and the oldest to the youngest.

Deadlines vary by subject matter. Estimated \$120 million is available to fund up to 300 awards.

LINKS: [Grants.gov](#); [Solicitation](#)

Long Range BAA for the Undersea Security Program
Defense

Notice seeking proposals to focus on research and development services involving studies, analysis and assessments addressing a broad variety of areas such as Tactical Submarine Evolution Plan and Integrated Undersea Future Investment Strategy and to focus on technology ideas that can impact the survivability of submarines and unmanned undersea systems.

White papers and Proposals are due at any time until August 10, 2024. The amount and number of awards may vary.

LINKS: [Contract Opportunities](#)

Smart Health and Biomedical Research in the Era of Artificial Intelligence and Advanced Data Science
National Science Foundation

Notice seeking proposals for the development of transformative high-risk, high-reward advances in computer and information science, engineering, mathematics, statistics, behavioral and/or cognitive research to address pressing questions in the biomedical and public health communities.

Proposals are due November 9, 2023. An estimated 10 to 16 awards with a per-year ceiling of \$300,000 are anticipated.

LINKS: [Grants.gov](#); [Solicitation](#)

Synthetic Quantum Nanostructures (SynQuaNon)
Defense

Notice seeking proposals in the area of synthetic quantum materials that enable enhanced functionalities or novel capabilities for quantum information science.

Applications are due October 10, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov](#); [Contract Opportunities](#)

Adversarial Resilient Cyber Effects for Decision Dominance Collaborative Research Program
Defense

Notice seeking applications focused on developing and experimentally evaluating new algorithms and methodologies that contribute to understanding Cyberspace Windows of Superiority (CWoS) and Adversarial Resilient Cybersecurity (ARC). Research conducted in the ARCEDD-CRP is also applicable to applications in academia and industry.

Applications are due October 13, 2023. Estimated \$4 million per year is available to fund multiple awards.

LINKS: [Grants.gov](#)

DoD Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU-MI) Research Fiscal Year 2024
Defense

Notice seeking proposals to (a) enhance research programs and capabilities in scientific and engineering disciplines critical to the national security functions of DoD; (b) enhance the capacity of HBCU/MI to participate in DoD research programs and activities; and (c) increase the number of graduates, including underrepresented minorities, in fields of science, technology, engineering, and mathematics (STEM) important to the defense mission.

Applications are due October 30, 2023. Questions are due October 13, 2023. Estimated \$50 million is available to fund multiple awards.

LINKS: [Grants.gov](https://www.grants.gov)

TTO Office Wide (OW) BAA Proposers Day 2023 Defense

Notice announcing a proposer's day for the Tactical Technology Office (TTO) of DARPA. It is to solicit executive summaries, proposal abstracts, and proposals for applied research, advanced technology development, platform demonstrations, or systems studies that aim to redefine the future of warfighting across four domains: Air, Ground, Maritime, and Space; and the seams in between those domains.

The proposer's day will be held from 8:00 a.m. to 5:00 p.m. on September 7, 2023 at 4075 Wilson Blvd, Arlington, VA and at 675 N Randolph Street, Arlington, VA. Registrations are due by August 24, 2023.

LINKS: [Contract Opportunities](#)