

UNO FOCUS:

Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program
Department of Defense (DoD)

The Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program has been established by the Department of Defense (DoD) to support undergraduate and graduate students pursuing degrees in science, technology, engineering and mathematics (STEM) disciplines. The program aims to increase the number of civilian scientists and engineers working at DoD laboratories.

All applicants are required to submit applications online by December 1 at 5:00 p.m. EST.

LINKS: SMARTscholarship.org

Naval Research Enterprise Internship Program (NREIP)
Department of Navy (DoN)

The Naval Research Enterprise Internship Program (NREIP) places college and university students in Department of Navy (DoN) laboratories where they take part in real Naval research for ten weeks during the summer. NREIP is a competitive program with over 800 placements in 47 laboratories around the country in which many participants go on to careers within the DoN. Interns are selected based upon academic achievement, personal statements, recommendations, and career and research interests.

Applications must be submitted by November 1, 2023 at 11:59 PM ET.

LINKS: NavalSTEMinterns.us

ARTS, HUMANITIES, and INTERNATIONAL

Accelerating Research through International Network-to-Network Collaborations
National Science Foundation

Notice seeking proposals that values cooperation over competition. Program goals are to 1) leverage prior NSF support for building research capacity towards activities that launch international research network of networks (NoN) that will lead to an accelerated advancement of an area of science after the award period and 2) recruit and foster a diverse and internationally competent US-based workforce trained in conducting and leading multi-team international collaboration.

Proposals are due December 11, 2023 and September 16, 2024. Estimated \$10 million is available to fund 10 to 14 awards.

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

FY 2024 Congress-Bundestag Youth Exchange and Congress-Bundestag-Bundesrat Staff Exchange
State

Notice seeking proposals to encourage American and German youth to learn about each other's society and culture through educational exchange while promoting American-German friendship based on the common value of democracy.

Applications are due October 26, 2023. Estimated \$12.87 million is available to fund eight awards over three years.

LINKS: Grants.gov

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Specialty Crop Multi-State Program
U.S. Department of Agriculture

Notice seeking proposals for collaborative multi-state partnerships to enhance the competitiveness of specialty crops through competitively funded projects.

Applications are due December 22, 2023. Estimated \$10 million is available to fund up to 80 awards.

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

Research Grants for Preventing Violence and Violence Related Injury (R01)
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking applications that will help expand and advance understanding of approaches to prevent community violence and eliminate racial and ethnic inequities in risk for community violence. This initiative is intended to support effectiveness research to evaluate innovative programs, practices, or policies to address risk for violence and inequities in risk for violence among groups experiencing a high burden of community violence.

Applications are due December 1, 2023. Estimated \$3.2 million is available to fund up to eight awards.

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

President's Advisory Commission on Advancing Educational Equity, Excellence, and Economic Opportunity for Hispanics
Education

Notice announcing a meeting of the President's Advisory Commission on Advancing Educational Equity, Excellence, and Economic Opportunity for Hispanics. The purpose is to advise the President, through the Secretary of Education, on matters pertaining to educational equity and economic opportunity for the Hispanic and Latino community.

The meeting will be held on Tuesday, September 12, 2023, from 11:00 a.m. to 3:30 p.m. MST at Arizona State University Downtown Phoenix Campus, Beus Center for Law & Society, Room: Great Hall, 111 E Taylor St., Phoenix, AZ.

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

HEALTH and MENTAL HEALTH

Community Partnerships to Advance Science for Society (ComPASS): Health Equity Research Hubs (UC2 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals from eligible organizations that can serve as Health Equity Research Hubs (Hubs) for awarded community-led health equity structural intervention (CHESI) projects within the Community Partnerships to Advance Science for Society (ComPASS) Program.

Applications are due October 31, 2023. Estimated \$3.75 million is available to fund five awards in FY 2024.

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

Improving Choice, Use, and Equitable Implementation of Biomedical HIV Prevention for Women (R01 OR R21 Clinical Trial Optional)

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

Notice seeking applications to target gaps in knowledge about barriers and facilitators to ring use, interventions to improve uptake, adherence, and persistence on the vaginal ring, and implementation science studies to improve access to and distribution of the ring. [R01](#) and [R21](#) mechanisms are available.

Applications are due November 22, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov \(R01 Clinical Trial Optional\)](#); [Grants.gov \(R21 Clinical Trial Optional\)](#)

Improving Choice, Use, and Equitable Implementation of Biomedical HIV Prevention for Women (R34 Clinical Trial Optional)

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

Notice seeking proposals for research to target gaps in knowledge about barriers and facilitators to vaginal ring use, interventions to improve uptake, adherence, and persistence on the vaginal ring, and implementation science studies to improve access to and distribution of the ring.

Applications are due November 22, 2023. Multiple awards are anticipated.

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

Mechanisms that Impact Cancer Risk with Use of Incretin Mimetics (R21 Clinical Trial Not Allowed)

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

Notice seeking applications for preclinical and patient-based studies examining the mechanism(s) through which incretin mimetics (including agonists or antagonists of GLP-1, GIP-1, or dual GLP-1/GIP-1 agents) impact cancer risk, and to draw talented scientists who understand the dynamic changes caused by these agents to investigate the mechanisms of how these agents influence cancer risk rather than shorter term outcomes such as weight loss and diabetes.

Applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2027. Multiple awards are anticipated.

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

Population Assessment of Tobacco and Health (PATH) Study Biospecimen Access (X01)

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

Notice seeking applications for access to the biospecimens from the Population Assessment of Tobacco and Health Study. The program provides the scientific community with biospecimens (urine, plasma, serum, and genomic DNA) and related research data on behaviors, attitudes, biomarkers and health outcomes associated with tobacco use in the U.S.

Applications are due April 30, 2024. Multiple awards are anticipated.

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

Broadening Opportunities for Computational Genomics and Data Science Education (UE5 Clinical Trial Not Allowed)

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

Notice seeking proposals for research educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in computational genomics and data science research.

Applications are due October 10, 2023. Estimated \$1.5 million is available to fund multiple awards.

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

Consortium for Economic Research on AD-ADRD Prevention, Treatment, and Care (R01 Clinical Trial Optional)

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

Notice seeking applications proposing research projects that aim to advance economic research on Alzheimer's disease (AD) and AD-related dementias (ADRD) by examining the development and diffusion of treatment/care innovations, payment and treatment models for care and care access for people living with dementia (PLWD) and their caregivers, and economic factors influencing disease progression to address AD/ADRD research implementation milestones 1.P, 13.P, 13.M, and 13.N.

Applications are due October 30, 2023. Estimated \$3 million is available to fund four to five awards.

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

Early-stage Biomedical Data Repositories and Knowledgebases (R24 Clinical Trial Not Allowed)

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

Notice seeking applications to support the development of early-stage or new data repositories and knowledgebases that could be valuable for the biomedical research community.

Applications are due October 30, 2023. Four awards are anticipated.

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

Enhancement and Management of Established Biomedical Data Repositories and Knowledgebases (U24 Clinical Trial Not Allowed)

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

Notice seeking applications designed to support established biomedical data repositories and knowledgebases as distinct and separate resources that have demonstrated impact and have potential for continued benefit to the community served.

Applications are due October 30, 2023.

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

Grants to Support New Investigators in Conducting Research Related to Preventing Interpersonal Violence Impacting Children and Youth

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking applications to provide support for an intensive, supervised (mentored) career development experience in violence prevention research leading to research independence.

Applications are due December 1, 2023. Estimated \$1.8 million is available to fund up to four awards.

LINKS: [Grants.gov](#)

IDeA Clinical and Translational Research Network (CTR-N) Award (P50 - Clinical Trial Optional) AND IDeA Clinical and Translational Research Development (CTR-D) Award (P20-Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for statewide and/or interstate regional networks to achieve the following objectives: to support the development and/or enhancement of infrastructure and human resources required to address clinical and translational research needs in IDeA-eligible states/jurisdictions, to strengthen clinical and translational research that addresses the broad spectrum of health challenges faced by populations in IDeA-eligible states/jurisdictions, and to foster and coordinate collaboration in clinical and translational research within an IDeA-CTR network and with other institutions. [CTR-N](#) and [CTR-D](#) mechanisms are available.

Applications are due November 9, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov \(CTR-D\)](#); [Grants.gov \(CTR-N\)](#)

Initiative to Maximize Research Education in Genomics: Diversity Action Plan (R25 Clinical Trials Not Allowed)

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

Notice seeking proposals for creative educational activities with a primary focus on research experiences and courses for skills development to encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in genomics research.

Applications are due November 15, 2023. Multiple awards with a ceiling of \$325,000 are anticipated.

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

Research Grants to Identify Effective Community-Based Strategies for Overdose Prevention (R01)

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking applications to partner with communities to develop and rigorously evaluate the effectiveness of new, innovative, under-developed, or untested community-based strategies/interventions/programs/practices to reduce overdose.

Applications are due December 1, 2023. Estimated \$3.75 million is available to fund up to five awards.

LINKS: [Grants.gov](#)

Research Tools for Difficult to Culture Eukaryotic Pathogens (R61-R33 Clinical Trial Not Allowed)

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

Notice seeking applications to support high risk, milestone-driven approaches for the development of robust culture techniques, and/or genetic and molecular tools to better understand the biology of select human eukaryotic pathogens including the microsporidian *Enterocytozoon bieneusi*; *Pneumocystis jirovecii*; *Plasmodium vivax*; and *Babesia microti*.

Applications are due February 2, 2024. Estimated \$3.25 million is available to fund six to eight awards.

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

Scalable and Systematic Neurobiology of Psychiatric and Neurodevelopmental Disorder Risk Genes: Assay and Data Generation Centers (RM1 Clinical Trial Not Allowed)

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

Notice seeking applications to systematically characterize the function of neurodevelopmental and psychiatric disorder (NPD) risk genes, across biological scales of organization (molecular, cellular, circuit, systems/organismal). This resource will be made available for broad use by the biomedical research community.

Applications are due January 31, 2024. Estimated \$5 million is available to fund up to four awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Decision, Risk and Management Sciences - Doctoral Dissertation Research Improvement Grants
National Science Foundation

Notice seeking proposals for scientific research directed at increasing understanding and effectiveness of decision making by individuals, groups, organizations and society.

Applications are due January 18, 2024. An estimated 20 to 30 awards with a ceiling of \$675,000 are anticipated.

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

FY2024 Weather Program Office Research Programs
Commerce

Notice seeking proposals for new weather, water, and earth system observing and forecasting applications, including improved analysis techniques, better statistical or dynamic forecast models and techniques, and communication of that information to better inform the public.

Applications are due November 16, 2023. Estimated \$2 million is available to fund up to six awards.

LINKS: [Grants.gov](#)

STAR-FISH ARA - CALL 009: Topic Area 2 Mission Effects & Capabilities, Commercial Alternative PNT for RAPID (CAPR)
Defense

Notice seeking proposals to rapidly mature, thoroughly test, and accurately characterize emerging candidate space-based alternative positioning, navigation and timing (PNT) systems developed and/or operated by commercial concerns. Systems providing only timing but not positioning or navigation (i.e., T, but not PN) services are also of interest.

White papers are due September 25, 2023. Contact Ms. DeAnna Salazar, deanna.salazar@us.af.mil to submit white papers by September 20, 2023. Five awards are anticipated.

LINKS: [Contract Opportunities](#)

Adaptive Fusion, and Reasoning of Multi-Source Data (AFAR)
Defense

Notice seeking proposals for innovative approaches for the fusion, analysis and reasoning of multi-source data to advance their analytical operations in support of their Command, Control, Communications,

Computers and Intelligence (C4I) and Cyber Science mission. This announcement is comprised of three research areas: (A) Adaptive Knowledge and Information for Target Analysis (AKITA), (B) Enhancing Moving Target Engagement at Scale (EMoTES) and (C) Publicly Available Information (PAI) Ensemble Fusion (PEF), where each has research areas that taken together comprise the focus of AFAR research and development.

White papers are due September 12, 2023 for Focus Area A and B. Estimated \$3.65 million is available to fund multiple awards in FY 2024.

LINKS: [Contract Opportunities](#)

Advanced Research on Integrated Energy Systems (ARIES) User Call for Advanced Distribution Management System (ADMS) Test Bed Vehicle-Grid Integration Use Cases
Energy

Notice seeking applications to external research partners to identify projects that require using NREL's Advanced Distribution Management System (ADMS) Test Bed for vehicle-grid integration (VGI) use cases.

Proposals are due October 27, 2023. Questions are due September 22, 2023. Up to \$750,000 per use case. Cost sharing is required.

LINKS: [Contract Opportunities](#)

FY24 NOAA Marine Debris Interception Technologies under the Bipartisan Infrastructure Law
Commerce

Notice seeking applications to support the installation, monitoring, and maintenance of proven marine debris interception technologies to benefit marine and coastal NOAA trust resources, coastal communities, and/or local economies.

Required Letters of Intent are due November 15, 2023. Estimated \$4 million is available.

LINKS: [Grants.gov](#)

NASA Space Technology Graduate Research Opportunities - FALL 2024
National Aeronautics and Space Administration

Notice seeking proposals focused on graduate student research and development of advanced and innovative space technologies critical for our Nation to meet its goals to explore and understand the Earth, our solar system, and the universe.

Proposals are due November 1, 2023. The maximum amount of an award will be \$84,000 per year.

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

Naval Engineering Education Consortium (NEEC) Broad Agency Announcement for FY24
Defense

Notice seeking proposals for research of interest in support of the Naval Engineering Education Consortium (NEEC).

Proposals are due October 30, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov](#)

Plasma Physics
National Science Foundation

Notice seeking proposals for research that can be categorized by several broad, sometimes overlapping, sub-areas of plasma physics, including: magnetized plasmas in the laboratory, space, and astrophysical environments; high energy density plasmas; low temperature plasmas; dusty, ultra-cold, and otherwise strongly coupled plasmas; non-neutral plasmas; and intense field-matter interaction in plasmas.

Applications are due November 20, 2023. An estimated 25 awards are anticipated.

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

Region 2 Fiscal Year 2023 Wetland Program Development Grants
Environmental Protection Agency

Notice seeking applications developing or refining state, tribal, territory, or local programs which protect, manage, and restore wetlands.

Applications are due October 24, 2023. Estimated \$1.588 million is available to fund 7 to 11 awards. Cost sharing of 25 percent is required.

LINKS: [Grants.gov](#)