

## UNO FOCUS:

Air Force Science & Technology Fellowship Program  
National Academies of Sciences, Engineering, and Medicine

The National Academies of Sciences, Engineering, and Medicine administers postdoctoral and senior research awards at the U.S. Air Force Research Laboratory (AFRL), the U.S. Air Force Institute of Technology (AFIT), and the U.S. Air Force Academy (USAFA) under the Air Force Science & Technology Fellowship Program (AF STFP). We are seeking highly qualified candidates who are U.S. citizens and hold, or anticipate earning, a doctorate in a variety of fields of science or engineering.

Applications are due by February 1, 2024. Base stipends start at \$76,542 and may be higher based on experience.

LINKS: [NASEM](#)

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Guided Pathways in STEM (GPS) Scholars  
LaSPACE

LaSPACE Guided Pathways in STEM (GPS) is a competitive program developed to accomplish two core goals: 1) provide competitively awarded financial support that helps recruit/retain students in a NASA-relevant discipline, and 2) create requirements for funded students that will also be professional development opportunities. Professional Development activities will include opportunities to further explore NASA career paths as well as personal portfolio development like writing a professional bio. This program is meant to open pathways for participation. Traditionally limiting requirements will not be included: e.g. faculty letters of recommendation, minimum GPAs, etc. will not be considered.

Applicants must complete an online application by January 19, 2024. Before completing this application, students must also complete our LaSPACE / NASA Media Release Form and Student Participant form. Award recipients will be selected entirely based on the quality of their responses to a series of short essay questions. Point values are listed with each question and the total possible highest score is 100. In situations where equally qualified applications are submitted, selection will be influenced by establishing the most diverse possible cohort of recipients (i.e. we want to fund a group of students from a variety of majors enrolled in as many different institutions around our state as possible).

LINKS: [LaSPACE](#)

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Discoveries in Safety Grants  
UL Research Institutes

UL Research Institutes intends to fund multiple awards of up to \$200,000 per year for a three-year period. Brief descriptions of each institute's research areas and key deadlines are available on the website below.

The deadline for initial letters of intent (LOI) is February 16, 2024. Grant awardees will be selected in July 2024 with project start dates of September 2024.

LINKS: [UL.org](#)

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## ARTS, HUMANITIES, and INTERNATIONAL

FY 2024 Increase and Diversify Education Abroad for U.S. Students (IDEAS) Program  
State

Notice seeking proposals supporting mutual understanding between the people of the United States and other countries by building the institutional capacity of U.S. higher education

institutions to increase and/or diversify U.S. study abroad in support of U.S. foreign policy goals. It aims to increase and diversify study abroad through two main components, the administration of small grants and the implementation of capacity building initiatives for the U.S. higher education community. Only one proposal will be considered from each applicant organization.

Proposals are due March 11, 2024. Estimated \$2.1 million is available. Partnerships are encouraged.

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

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#### FY 2024 Study of the U.S. Institutes for Secondary Educators State

Notice seeking proposals to provide multinational groups of experienced secondary-level educators with a deeper understanding of U.S. society, education, culture, values, and institutions. The program will be designed to strengthen curricula and improve the quality of teaching about the United States in secondary schools and academic institutions abroad. Two of the Institutes will be for teachers; one Institute will be for secondary-level education administrators and other educational professionals, including, but not limited to, curriculum developers, ministry of education officials, teacher trainers, and textbook writers.

Proposals are due March 22, 2024. Estimated \$3.6 million is available. Partnerships are encouraged.

LINKS: [Grants.gov](#); [Agency Site](#)

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#### U.S. Embassy BURKINA FASO PDS Annual Program Statement State

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and BURKINA FASO through cultural and exchange programming that highlights shared values and promotes bilateral cooperation.

Proposals are due June 28, 2024. Estimated \$300,000 is available to fund up to 10 awards.

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

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#### Awards for Faculty Institutional Support - HBCUs and TCUs National Endowment for the Humanities

Notice seeking proposals from Historically Black Colleges and Universities (HBCUs) or Tribal Colleges and Universities (TCUs) to support humanities research on their campuses through funding for replacement instructors.

Proposals are due May 1, 2024. Estimated \$90,000 is available to fund up to three awards.

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

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#### FY2023 Historic Preservation Fund - Semiquincentennial Grants Interior

Notice seeking applications that supports the preservation of a broad variety of cultural resources associated with the founding of America as a nation in commemoration of the country's Semiquincentennial (250th anniversary) in 2026. For the purposes of this grant program, the "founding of the nation" is defined as the period ending December 31, 1800.

Applications are due March 5, 2024. Estimated \$10 million is available.

LINKS: [Grants.gov](#); [Agency Site](#)

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21st Century Museum Professionals Program (2024)  
Institute of Museum and Library Services

Notice seeking proposals advances the growth and development of a diverse workforce of museum professionals. This program supports projects that offer professional development to the current museum workforce; employ strategies to train and recruit future museum professionals; and support evaluation efforts to identify and share effective practices.

Proposals are due March 1, 2024. Estimated \$2 million is available to fund seven awards. One to One cost share is required.

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

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DRL FY23 DPRK Access to Information Programs - Statements of Interest  
State

Notice seeking Statements of Interest for programs that support the policy objective to increase the free flow of objective, independent information into, out of, and within the Democratic People's Republic of Korea (DPRK). This solicitation includes two categories under which applicants may submit SOIs. The two categories are supporting freedom of information and diversifying mechanisms for information access. Each organization may submit a maximum of two (2) SOIs, one per category.

Required Statements of Interest are due January 26, 2024. The maximum amount for awards is \$1.5 million.

LINKS: [Grants.gov](#)

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DRL FY23 DPRK Human Rights and Accountability Programs - Statements of Interest  
State

Notice seeking Statements of Interest for programs that support the policy objective to advance human rights and fundamental freedoms in the Democratic People's Republic of Korea (DPRK).

Required Statements of Interest are due January 26, 2024. The maximum amount for awards is \$1.25 million.

LINKS: [Grants.gov](#)

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FY2024 American Battlefield Protection Program (ABPP) - Preservation Planning Grants  
Interior

Notice seeking proposals to support a variety of projects that contribute to the preservation and interpretation of historic battlefields and associated sites of armed conflict on American soil by providing financial assistance to eligible applicants based on the outcome of a competitive merit review process.

Proposals are due March 14, 2024. Estimated \$1.198 million is available to fund 15 awards.

LINKS: [Grants.gov](#)

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PD Poland Annual Program Statement  
State

Notice seeking proposals for programs that strengthen ties between the United States and Poland through activities that highlight shared values, promote bilateral cooperation, and forge enduring connections between the United States and emerging Polish leaders (high school students, university students, and young professionals ages 16 to 35), as well as established community leaders in the public, private, and nonprofit sectors. All proposals are required to have a clear connection to the United States, either through U.S. organizations, experts, and/or best practices in order to increase the awareness and understanding of U.S. perspectives, policies, and society.

Proposals are due March 15, 2024 and May 30, 2024. Estimated \$150,000 is available to fund up to eight awards.

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

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Farm Business Management and Benchmarking Competitive Grants Program  
U.S. Department of Agriculture

Notice seeking applications to improve the farm management knowledge and skills of agricultural producers, and maintain the national, publicly available farm financial management database to support improved farm management.

Applications are due February 7, 2024. Estimated \$2.35 million is available to fund four to six awards.

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

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Rural Business Development Grant (RBDG)  
U.S. Department of Agriculture

Notice seeking applications to promote economic development and job creation projects through the awarding of grant funds to eligible entities. Applications will compete in two separate categories, business opportunity grants and business enterprise grants, for use in funding various business and community projects that serve rural areas.

Applications are due February 28, 2024. Estimated \$37 million is available.

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

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Advisory Committee on Transportation Equity (ACTE)  
U.S. Department of Transportation

Notice announcing a meeting of the Advisory Committee of Transportation Equity. The purpose of the meeting is to provide independent advice about comprehensive, interdisciplinary issues related to civil rights and transportation equity in the planning, design, research, policy, and advocacy contexts from a variety of transportation equity practitioners and community leaders.

The meeting will be held January 5, 2023, from 2:30 to 4:30 p.m. ET via Zoom.

LINKS: [Federal Register](#); [Agency Site](#)

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Agriculture and Food Research Initiative Competitive Grants Program Foundational and Applied Science Program  
U.S. Department of Agriculture

Notice seeking applications to invest in agricultural production research, education, and extension projects for more sustainable, productive, and economically-viable plant and animal production systems.

Application due dates vary. Estimated \$300 million is available.

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

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OVW Fiscal Year 2024 Legal Assistance for Victims  
Justice

Notice seeking proposals for comprehensive direct legal services to victims in legal matters relating to or arising out of domestic violence, dating violence, sexual assault, and stalking.

Proposals are due February 13, 2024. Estimated \$31.8 million is available to fund up to 45 awards.

LINKS: [Grants.gov](#)

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Reducing Indoor Air Risks  
Environmental Protection Agency

Notice seeking applications to conduct demonstration, technical assistance, training, education, and/or outreach projects that seek to reduce exposure to indoor air contaminants by advancing national policy and systems-level initiatives.

Applications are due February 5, 2024. Estimated \$1 million or more is available to fund three to seven awards.

LINKS: [Grants.gov](#)

## HEALTH and MENTAL HEALTH

Bat Immunology Network Research Projects (R01 Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support research to characterize cellular and molecular constituents of the bat immune system and to understand protective innate and adaptive immune mechanisms in bats.

Applications are due May 24, 2024. Estimated \$2 million is available to fund four to five awards.

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

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Centers of Excellence for Translational Research (CETR) (U19 Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support multidisciplinary translational research Centers focused on generating, validating, and advancing medical countermeasures against bacteria or fungi listed in the NOFO with known and emerging resistance to current therapies.

Applications are due April 29, 2024. Estimated \$25 million is available to fund up to four awards.

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

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Discovery of in vivo Chemical Probes for the Nervous System (R01 Clinical Trial Not Allowed)

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

Notice seeking applications to support investigators who have interest and capability to join efforts for the discovery of in vivo chemical probes for novel brain targets. It is expected that applicants will have, in hand, the starting compounds (validated hits) for chemical optimization and bioassays for testing new analog compounds.

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

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

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Discovery of the Genetic Basis of Childhood Cancers and of Structural Birth Defects: Gabriella Miller Kids First Pediatric Research Program (X01 Clinical Trial Not Allowed)

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

Notice seeking proposals to submit samples from pediatric cohorts for whole genome sequencing at a Kids First Program-supported sequencing center.

Proposals are due March 13, 2024. Multiple awards are anticipated.

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

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Implementation Research on Noncommunicable Disease Risk Factors among Low- and Middle-Income Country and Tribal Populations Living in City Environments (R01 Clinical Trial Optional)

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

Notice seeking proposals for implementation research focused on addressing risk factors for common noncommunicable diseases (NCDs) in World Bank-defined low- and middle-income countries (LMICs) and American Indian/Alaska Native (AI/AN) Tribal Nation populations in the United States.

Proposals are due March 11, 2024. Multiple awards are anticipated.

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

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Multidisciplinary Studies of HIV-AIDS and Aging (R01 and R21 Clinical Trial Optional)

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

Notice seeking applications at the intersection of HIV and aging by proposing research that aims to meet the following objectives: 1) Improve the understanding of biological, clinical, and socio-behavioral aspects of aging through the lens of HIV infection and its treatment; and 2) Improve approaches for testing, preventing, and treating HIV infection, and managing HIV-related comorbidities, co-infections, and complications in different populations and cultural settings by applying current aging science approaches. [R01](#) and [R21](#) mechanisms are available.

R01 applications are due annually on June 5, October 5, and February 5. R21 applications are due annually on June 16, October 16, and February 16. Program expires May 8, 2027.

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

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Advanced Development of Informatics Technologies for Cancer Research and Management (U24 Clinical Trial Optional) and Early-Stage Development of Informatics Technologies for Cancer Research and Management (U01 Clinical Trial Optional)

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



Notice seeking proposals to advance cancer model systems that recapitulate human immunity in the tumor microenvironment to improve the predictivity of immuno-oncology studies. [Early-stage](#) and [Advanced development](#) awards are available.

Proposals are due June 11, 2024. Multiple awards are anticipated.

LINKS: [Grants.gov \(U24 Clinical Trial Optional\)](#); [Grants.gov \(U01 Clinical Trial Optional\)](#)

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Cancer Prevention and Control Clinical Trials Grant Program (R01 Clinical Trial Required)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications for support of investigator-initiated clinical trials related to the programmatic interests of the NCI Division of Cancer Prevention and/or the NCI Division of Cancer Control and Population Sciences that have the potential to reduce the burden of cancer through improvements in early detection, screening, prevention and interception, healthcare delivery, quality of life, and/or survivorship related to cancer; with such attributes, the proposed studies should also have the potential to improve clinical practice and/or public health.

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

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

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Development of Innovative Informatics Methods and Algorithms for Cancer Research and Management (R21 Clinical Trial Optional)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for innovative informatics methods and algorithms to improve the acquisition, analysis, visualization, or interpretation of data across the cancer research continuum including cancer biology, cancer treatment and diagnosis, early cancer detection, risk assessment and prevention, cancer control and epidemiology, and/or cancer health disparities.

Proposals are due June 11, 2024. Estimated \$1 million is available to fund up to five awards.

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

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National Cancer Institute's Investigator-Initiated Early Phase Clinical Trials for Cancer Treatment and Diagnosis (R01 Clinical Trial Required)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications that implement early phase (Phase 0, I, and II) investigator-initiated clinical trials focused on cancer-targeted diagnostic and therapeutic interventions of direct relevance to the research mission of Division of Cancer Treatment and Diagnosis (DCTD) and Office of HIV and AIDS Malignancies (OHAM). The proposed project must involve at least 1 clinical trial related to the scientific interests of one or more of the following research programs.

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

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

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Network of Community Cohorts for Monitoring Changes in Respiratory Virus Epidemiology (Pandemic Preparedness Cohorts)  
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals to build on the lessons learned during the COVID-19 pandemic and establish a network of community-based cohorts, including diverse age groups (target populations: younger than 5

years old, 5-17 years old, 18-64 years old, and older than 64 years old), demographic characteristics, and regions in the US, to allow ongoing monitoring of changes in respiratory virus epidemiology in the years following the COVID-19 pandemic.

Proposals are due February 20, 2024. Estimated \$95 million is available to fund up to nine awards.

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

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Primary Care Training and Enhancement: Physician Assistant Rural Training in Behavioral Health (PCTE-PARB) Program

U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice seeking applications to develop clinical rotations for primary care Physician Assistant (PA) students in rural areas. These rotations must be at least three months long. They will integrate behavioral health with primary care services.

Applications are due March 15, 2024. Estimated \$5 million is available to fund up to 12 awards.

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

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Meeting of the Council on Graduate Medical Education

U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice announcing a meeting of the Council on Graduate Medical Education. The purpose of the meeting is to provide advice and recommendations to the Secretary of HHS and Congress on policy, program development, and other matters of significance. Issues addressed by the Committee include the supply and distribution of the physician workforce in the United States, including any projected shortages or excesses; international medical graduates; the nature and financing of undergraduate and graduate medical education; appropriation levels for certain programs under Title VII of the Public Health Service Act; and deficiencies in databases concerning the supply and distribution of the physician workforce and postgraduate programs for training physicians.

The meeting will be held March 4-5, 2024 in-person at 5600 Fishers Lane, Rockville, Maryland.

LINKS: [Federal Register](https://www.federalregister.gov); [Agency Site](https://www.hhs.gov)

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National Advisory Council on Nurse Education and Practice

U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice announcing a meeting of the National Advisory Council on Nurse Education and Practice. The purpose is to provide advice and recommendations on policy, program development, and other matters of significance concerning the activities under title VIII of the Public Health Service Act, including the range of issues relating to the nurse workforce, education, and practice improvement.

The meeting will be held March 14, 2024, 10 a.m.– 4 p.m. and March 15, 2024, 10 a.m.–4 p.m. Meetings may be held in person, via teleconference, and/or video conference.

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

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Chemical Probes and Drugs for Modulating HIV Transcription in the Context of Substance Use Disorders (R01 and R21 Clinical Trial Not Allowed)

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

Notice seeking applications to support research on (1) the development of novel tools, methods, and molecular probes to identify mechanisms and signaling pathways by which addictive substances influence



HIV latency and transcriptional reactivation in the central nervous system (CNS), and (2) Identification and functional validation of novel lead compounds that suppress HIV transcription in the context of addictive substances. [R01](#) and [R21](#) mechanisms are available.

Applications are due August 13, 2024. Estimated \$2 million is available to fund four to six awards.

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

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Clinical-Community Linkages to Address Unmet Social Needs and Adverse Social Determinants of Health to Advance Health Equity among Populations Experiencing Health Disparities: The Bridge-to-Care Initiative (R01 Clinical Trial Optional)

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

Notice seeking applications to advance research that leverages healthcare-community partnerships to address unmet health-related social needs among individuals and families and adverse social determinants of health (SDOH) within communities.

Applications are due March 22, 2024. Estimated \$4 million is available to fund four to six awards.

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

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Development of Clinical Outcome Assessments as New FDA-Qualified Drug Development Tools to Accelerate Therapeutics Development for Opioid and Stimulant Use Disorders (UG3-UH3 Clinical Trial Optional)

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

Notice seeking applications to support the development of Clinical Outcome Assessments (COA) for Substance Use Disorders (SUD). The COA development plan is expected to progress into the FDA drug development tool qualification program.

Applications are due July 9, 2024. Estimated \$2.5 million is available to fund three to five awards.

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

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Geroscience Course (R25 Independent Clinical Trial Not Allowed)

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

Notice seeking applications to increase general awareness of geroscience by taking a multidisciplinary approach to support educational activities with a primary focus on the development and integration of basic, applied, translational, and clinical topics in geroscience.

Applications are due February 14, 2024.

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

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NIDCD Research Opportunities for New Investigators to Promote Workforce Diversity (R01 Clinical Trial Optional)

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

Notice seeking applications that propose independent research projects that are within the scientific mission areas of the National Institute on Deafness and Other Communication Disorders (NIDCD).

Applications are due February 28, 2024, June 28, 2024, October 28, 2024, and February 6, 2025. Estimated \$2.7 million is available.

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

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NIDDK Education Program Grants (R25 Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support research training skill development and research experiences on diabetes and other endocrine and metabolic diseases; digestive, hepatobiliary and exocrine pancreatic diseases, nutritional disorders, and obesity; and kidney, urologic, and hematologic diseases.

Applications are due January 30, 2024 and January 30 annually thereafter. Program expires January 30, 2026.

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

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Research Initiative for Vaccine and Antibiotic Allergy (UG3-UH3 Clinical Trial Not Allowed)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support research that enhances understanding of the mechanisms and management of vaccine and antibiotic drug allergy.

Applications are due June 21, 2024. Estimated \$2.1 million is available to fund four to five awards.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Emerging Mathematics in Biology  
National Science Foundation

Notice seeking proposals to stimulate fundamental interdisciplinary and potentially transformative research pertaining to the development of innovative mathematical/statistical/computational theories, tools, and modeling approaches to investigate challenging questions of great interest to biologists and public health policymakers.

Proposals are due March 11, 2024. Estimated \$2 million to \$6 million is available to fund 10 to 15 awards.

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

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Geospatial Intelligence Processing and Exploitation (GeoPEX)  
Defense

Notice seeking white papers for research, development, integration, test and evaluation of technologies/techniques to provide geospatial intelligence (GEOINT) in all its forms and from whatever source - imagery, imagery intelligence, or geospatial data and information - to ensure a solid foundation of knowledge for planning, decision, and action while creating tailored, customer-specific geospatial intelligence, analytic services, and solutions.

White papers are due September 30, 2024. Estimated \$20 million is available to fund multiple awards.

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

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Grid-free Renewable Energy Enabling New Ways to Economical Liquids and Long-term Storage  
(GREENWELLS)  
Energy

Notice seeking proposals for the development of chemical reactors and supporting units that economically store at least 50 percent of incoming intermittent electrical energy in carbon-containing liquids.

Required concept papers are due January 25, 2024. Estimated \$38 million is available to fund 12 to 15 awards.

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

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Partnerships for Research and Education in Materials  
National Science Foundation

Notice seeking proposals to enable, build, and grow partnerships between minority-serving institutions and DMR-supported centers and/or facilities to increase recruitment, retention, and degree attainment (which collectively define the PREM pathway) by members of those groups most historically underrepresented in materials research, and at the same time support excellent research and education endeavors that strengthen such partnerships. One application per lead institution is allowed.

Proposals are due March 12, 2024. Estimated \$4 million is available to fund four to eight awards.

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

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Partnerships for Research and Education in Physics  
National Science Foundation

Notice seeking proposals to enable and grow partnerships between minority-serving institutions and Division-supported Physics Frontiers Centers or eligible centers and institutes to increase the participation of members of traditionally underserved and underrepresented groups in physics through excellent research and education endeavors that advance physics research goals.

Proposals are due March 12, 2024. Estimated \$4 million is available to fund 6 to 10 awards.

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

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ROSES 2023: D.18 XRISM General Observer - Cycle 1  
National Aeronautics and Space Administration

Notice seeking proposals for participation in the NASA program for the conduct of space science observations using the X-ray Imaging and Spectroscopy Mission (XRISM) and for related supporting atomic physics investigations.

Proposals are due March 21, 2024. Estimated \$6 million is available to fund 40 to 70 awards.

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

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Women and Minorities in Science, Technology, Engineering, and Mathematics Fields Program  
U.S. Department of Agriculture

Notice seeking applications to support integrated education/teaching and extension/outreach projects that increase participation by women and underrepresented minorities from rural areas in STEM. Two application per institution is allowed.

Applications are due February 9, 2024. Estimated \$1.8 million is available to fund nine awards. Dollar-for-dollar match is required.

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

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Boosting Innovative GEOINT - Science and Technology Broad Agency Announcement (BIG-ST BAA)  
Defense

Notice seeking proposals to address hard GEOINT problems that align to one or more of the following technical domains: Foundational GEOINT, Advanced Phenomenologies, and Analytic Technologies.

Required abstracts are due December 14, 2026. Multiple awards are anticipated.

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

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Collaborations in Artificial Intelligence and Geosciences  
National Science Foundation

Notice seeking proposals that advance AI techniques and/or innovative uses of sophisticated or novel AI methods to enable significant breakthroughs in addressing geoscience research question(s).

Proposals are due March 15, 2024. Estimated \$10 million is available to fund up to 15 awards.

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

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DEVCOM Army Research Laboratory Broad Agency Announcement for Trapped Ions and Neutral Atoms  
Quantum Computing (TINA QC)  
Defense

Notice seeking proposals for research in Trapped Ions & Neutral Atoms Quantum Computing (TINA QC). This is a proposed four-year program and is primarily focused on three topic areas in the field of quantum computing (QC) with trapped ions and neutral atoms. The topic areas are as follows: Modular Atoms, Fast Atoms, and Versatile Atoms.

Proposals are due April 9, 2024. White papers are strongly encouraged and due January 23, 2024. Multiple awards are anticipated.

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

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Early Career Research Program  
Energy

Notice seeking applications to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by Office of Science.

Required pre-applications are due January 30, 2024. Estimated \$136 million is available to fund 94 awards.

LINKS: [Grants.gov](#)

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Fuel Access Anywhere, Regardless of Means (FAARM)  
Defense

Notice seeking proposals for innovative techniques to form a wide range of synthetic fuels from varied readily available sources for DoD applications. The FAARM ARC Opportunity is soliciting ideas to explore the following question: Can energy-dense fuels be synthesized using an efficient, small-scale system? This is Advanced Research Concepts (ARC) Opportunity announcement.

Abstracts are due April 15, 2024. The maximum value of awards is \$300,000. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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Future of Semiconductors  
National Science Foundation

Notice seeking proposals to cultivate holistic, co-design approaches to fundamental research and workforce education and training in order to enable rapid progress in new semiconductor technologies. The future of semiconductor manufacturing will require the design and deployment of diverse new technologies in materials, chemical and materials processes, devices, and architectures through the development of application-driven systems.

Proposals are due March 14, 2024. Estimated \$40 million is available to fund 15 to 20 awards.

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

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Partnerships for Research Innovation in the Mathematical Sciences  
National Science Foundation

Notice seeking proposals to enhance partnerships between minority-serving institutions and DMS-supported Mathematical Sciences Research Institutes to boost the participation of members of groups underrepresented in the mathematical sciences through their increased involvement in research programs at the institutes.

Proposals are due March 11, 2024. Estimated \$2 million is available to fund four to eight awards.

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

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Partnerships in Astronomy and Astrophysics Research and Education  
National Science Foundation

Notice seeking proposals to improve the quality and environment of astronomy and astrophysics research and education by stimulating the development of formal, long-term partnerships that provide authentic pathways into the research enterprise and broaden participation in astronomy by encouraging proposals from the full spectrum of talent across society to include individuals from groups that have been historically underrepresented.

Proposals are due March 12, 2024 and February 18, 2025. Estimated \$1.5 million is available to fund three to five awards.

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

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ROSES 2023: A.47 and A.67 Earth Action  
National Aeronautics and Space Administration

Notice seeking proposals to advance equity and environmental justice (EEJ) through the creation of geospatial tools that integrate Earth science and socio-economic information, expand the communities of practice that use Earth observations to address environmental justice issues, and inform action.

Community Action proposals are due March 14, 2024. Estimated \$2.2 million is available to fund eight to ten awards. Resilient Communities proposals are due May 3, 2024. Estimated \$2 million is available to fund seven to nine awards.

LINKS: [Grants.gov \(Community Action for Equity and Environmental Justice\)](#); [Grants.gov \(Supporting Climate Resilient Communities\)](#)

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Scholarships in Science, Technology, Engineering, and Mathematics Program  
National Science Foundation

Notice seeking proposals for scholarships from foreign nationals studying towards undergraduate and graduate degrees in most disciplinary fields in which NSF provides research funding to help address the long-term workforce needs of the United States.

Proposals are due March 11, 2024. Estimated \$120 million is available to fund up to 90 awards.

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

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Solar Energy Evolution and Diffusion Studies 4 (SEEDS 4)  
Energy

Notice seeking proposals for innovative social science research that generates actionable insights to improve large-scale solar (LSS) siting processes and outcomes for host communities—particularly those that are disadvantaged—and the solar industry.

Required concept papers are due January 30, 2024. Estimated \$7 million is available to fund up to six awards.

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

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Strengthening American Infrastructure  
National Science Foundation

Notice seeking proposals to stimulate human-centered, use-inspired, fundamental and potentially transformative research aimed at strengthening America's infrastructure.

Proposals are due March 12, 2024. Estimated \$9.6 million is available to fund up to 15 awards.

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

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Tortoise and Freshwater Turtle Fund  
Interior

Notice seeking proposals that conserve threatened tortoise and freshwater turtle species that occur in foreign countries and in territories of the United States.

Proposals are due February 19, 2024. Estimated \$1 million is available to fund up to five awards.

LINKS: [Grants.gov](#)

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U.S. Army Research Institute for the Behavioral and Social Sciences Broad Agency Announcement for Basic Research (Fiscal Year 2025)  
Defense

Notice seeking proposals for basic research in behavioral science. ARI is the Army's lead agency for the conduct of research, development, and analyses for the improvement of Army readiness and performance



via research advances and applications of the behavioral and social sciences that address personnel, organization, and Soldier and leader development issues.

Proposals are due July 1, 2024. White papers are strongly encouraged and due March 1, 2024. Multiple awards are anticipated.

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

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Committee on Equal Opportunities in Science and Engineering  
National Science Foundation

Notice announcing a meeting of the Committee on Equal Opportunities in Science and Engineering. the purpose of the meeting is to study data, programs, policies, and other information pertinent to the National Science Foundation and to provide advice and recommendations concerning broadening participation in science and engineering.

The meeting will be held February 12, 2024: 1:00 p.m.–5:30 p.m. and February 13, 2024: 10:00 a.m.–4:00 p.m at National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA (Hybrid).

LINKS: [Federal Register](#)

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Bipartisan Infrastructure Law (BIL) FY23 Electric Drive Vehicle Battery Recycling and Second Life Applications  
Energy

Notice seeking applications focused on research, development, and demonstration of: second-life applications for electric drive vehicle batteries that have been used to power electric drive vehicles; and technologies and processes for final recycling and disposal of electric drive vehicle batteries.

Concept papers are due February 7, 2024. Estimated \$37 million is available to fund 5 to 11 awards. Cost sharing is required.

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

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FY24 Department of Navy (DON) Science, Technology, Engineering, and Mathematics (STEM) Education and Workforce Program  
Defense

Notice seeking proposals for augmenting existing and/or developing innovative solutions that directly maintain, and/or cultivate a diverse, world-class Science, Technology, Engineering, and Mathematics (STEM) workforce to maintain the U.S. Navy and Marine Corps' technological superiority.

Required white papers are due April 12, 2024. The maximum amount for awards is \$200,000 per year for three years. Eight awards are anticipated.

LINKS: [Grants.gov](#)

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NAWCA 2025-1 US Standard Grants  
Interior

Notice seeking applications for competitive, matching grants program that supports public private partnerships carrying out projects in the United States that further the goals of the North American Wetlands Conservation Act (NAWCA).

Applications are due February 23, 2024. Estimated \$50 million is available. Cost sharing is required.

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

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ROSES 2023: A.53 Instrument Incubator Program  
National Aeronautics and Space Administration

Notice seeking proposals for the development of innovative remote sensing technologies for Earth observing instruments, sensors, and systems in support of Earth science.

Proposals are due April 2, 2024. Estimated \$31 million is available to fund approximately 12 to 16 awards.

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

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Space Environment Technologies and Science (SETS) Call 001 Geospace Environment Technologies and Science (GETS)  
Defense

Notice seeking proposals capable of supporting the program's research in space and environmental impacts technologies. The five technical areas are Solar, Solar Wind, and Ionospheric Effects, Thermosphere, Satellite Drag and the Reentry Environment, Plasma Physics and Chemistry, Particle Physics and Radiation Belt Environment, and Cislunar Environment.

Proposal are due January 22, 2024. Estimated \$2.324 million is available to fund multiple awards in FY 24.

LINKS: [Contract Opportunities](#)

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21st Century Energy Workforce Advisory Board  
Energy

Notice announcing a meeting of the 21st Century Energy Workforce Advisory Board. The purpose is to develop a strategy for the Department of Energy (DOE) to support and develop a skilled energy workforce to meet the changing needs of the U.S. energy system.

The meeting will be held January 22, 2024; 12:30 p.m. to 2 p.m. ET. The meeting will be virtual.

LINKS: [Federal Register](#)

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Advisory Committee for International Science and Engineering  
National Science Foundation

Notice announcing a meeting of the Advisory Committee for International Science and Engineering. The purpose of the meeting is to provide advice, recommendations and counsel on major goals and policies pertaining to engineering programs and activities.

The meeting will be held January 11, 2024; 12:00 p.m.–5:30 p.m. (ET) at NSF 2415 Eisenhower Avenue, Alexandria, VA (Virtual).

LINKS: [Federal Register](#)