

## UNO FOCUS:

Louisiana Space and Sea grant Opportunities (LaSSO) for Undergraduate Research  
Louisiana Space Grant (LaSPACE) & Louisiana Sea Grant (LSG)

The Louisiana Space & Sea grant Opportunities (LaSSO) for Undergraduate Research Program is directed at science and engineering students who are working on projects in research areas deemed a priority by both NASA and NOAA. Likely areas of research focus would include earth science, coastal studies, remote sensing, and similar topics that are relevant to the NASA Earth Science and NOAA missions. The intent of the LaSSO program is to supplement and enhance the undergraduate academic curriculum by providing the science/engineering student with a hands-on, mentored research experience relevant to space, earth, coastal, and/or marine sciences. A LaSSO project will be a joint effort between a faculty researcher, who serves as mentor and project Principal Investigator, and an undergraduate researcher.

Submit all properly executed proposals via email as fully searchable pdf documents to [laspace@lsu.edu](mailto:laspace@lsu.edu) by 11:59 pm on Wednesday, May 31, 2023.

LINKS: [LASEAGrant.org](http://LASEAGrant.org), [LASpace.edu](http://LASpace.edu)

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Innovative Technology Experiences for Students and Teachers (ITEST) Program  
National Science Foundation (NSF)

The National Science Foundation's Innovative Technology Experiences for Students and Teachers (ITEST) Program supports applied research and development focused on increasing preK-12 students' interest in careers in information and communication technology and STEM through innovative technology-based learning experiences. As the resource center for the NSF ITEST Program, STELAR is charged with supporting prospective PIs in developing competitive proposals. In doing so, we encourage EPSCoR communities to take advantage of the technical assistance and support aimed at proposal development offered by STELAR.

The ITEST solicitation due date is August 11, 2023.

LINKS: [EDC.org](http://EDC.org)

## ARTS, HUMANITIES, and INTERNATIONAL

2023 Title VIII (Research and Training on Eastern Europe and Eurasia)  
Department of State (State), Bureau of Intelligence & Research (INR)

Notice seeking proposals with interest and expertise in conducting research and training to implement programs concerning the countries of Eastern Europe and the independent states of the former Soviet Union.

Proposals are due June 9, 2023. An estimated \$2 million is available to fund up to 10 awards.

LINKS: [Grants.gov](http://Grants.gov)

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FY2023 Historic Preservation Fund- History of Equal Rights- Preservation Grants  
Department of the Interior (Interior), National Park Service (NPS)

Notice seeking applications preserve sites related to the struggle of all Americans to gain equal rights. HER grants are funded by the Historic Preservation Fund (HPF), administered by the NPS, and will fund a broad range of preservation projects for historic sites including: architectural services, historic structure reports, preservation plans, and physical preservation to structures.

Applications are due July 11, 2023. Approximately \$5 million is available to fund 10 awards.

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

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Public Impact Projects at Smaller Organizations  
National Endowment for the Humanities (NEH)

Notice seeking applications to assist you in meeting your community's needs by expanding the scope, reach, and excellence of your public programs. These awards support a variety of activities that focus on enriching interpretive strategies, strengthening interpretive skill sets or enhancing community engagement with public-facing programs.

Applications are due June 28, 2023. The maximum award amount is \$25,000.

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

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Digital Guide on Internationalization: Simplifying U.S.-India HEI Collaboration and Partnerships  
Department of State (State)

Notice seeking proposals to develop partnerships between Indian and U.S. higher education institutions to build education connections and capacity. India may benefit from U.S. expertise in integrating vocational skills, multi-disciplinary education, and research within its higher education system.

Applications are due June 19, 2023. The maximum amount for awards is \$250,000.

LINKS: [Grants.gov](#)

## **EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT**

2023 STEM Talent Challenge  
Department of Commerce (Commerce), Economic Development Administration (EDA)

Notice seeking proposals to create and implement innovative science, technology, engineering, and mathematics (STEM) work-based learning models (such as Registered Apprenticeships) that complement their respective region's innovation economy.

Applications are due June 12, 2023. An estimated ten awards with a ceiling of \$500,000 are anticipated.

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

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BJA FY 23 National Public Safety Partnership- Capacity Building Grant Limited Competition Grant  
Solicitation  
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to provide state/local prosecutors and local law enforcement agencies who have participated in the National PSP with funding to secure necessary resources identified in the PSP program assessments that will help reduce crime and increase public safety and trust in the criminal justice system.

Applications are due June 5, 2023 for Grants.gov. Applications are due June 12, 2023 for JustGrants. An estimated \$4 million is available to fund eight awards.

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

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Ethnic Community Self-Help Program

Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Office of Refugee Resettlement (ORR)

Notice seeking applications to support Ethnic Community-Based Organizations (ECBOs) in providing refugee and other ORR-eligible populations with critical integration services.

Applications are due June 9, 2023. An estimated \$5 million is available to fund 20 awards.

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

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Farmed and Wild Cervid Chronic Wasting Disease Management and Response Activities 2023 Cooperative Agreements

United States Department of Agriculture (USDA)

Notice seeking proposals to control and prevent Chronic Wasting Disease in wild or farmed cervids, including the development and/or implementation of CWD surveillance, testing, management, prevention, and response activities.

Applications are due June 12, 2023. An estimated 40 wild and 30 farmed awards are anticipated.

LINKS: [Grants.gov \(Farmed\)](https://www.grants.gov), [Grants.gov \(Wild\)](https://www.grants.gov)

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FY 2023 Basic Center Program

Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Administration on Children, Youth and Families (ACYF)

Notice seeking applications to provide temporary emergency shelter and counseling services to youth, under the age of 18, who have runaway or left home without permission of their parents or guardians; have been forced to leave their home; cannot live safely with a parent, legal guardian, or relative; have no other safe alternative living arrangement; or youth experiencing homelessness who might otherwise end up in contact with law enforcement or in the child welfare, mental health, or juvenile justice systems.

Applications are due June 9, 2023. An estimated \$22.41 million is available to fund 90 awards. Cost sharing is required.

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

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Higher Education Programs (HEP): Native American-Serving Nontribal Institutions (NASNTI) Program, Assistance Listing Number 84.031X

Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to enable them to improve and expand their capacity to serve Native Americans and low-income individuals. Institutions may use the grants to plan, develop, undertake, and carry out activities to improve and expand their capacity to serve Native American and low-income students.

Applications are due June 12, 2023. An estimated \$4.2 million is available to fund nine awards.

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

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National Food and Agricultural Sciences Teaching, Extension, and Research Awards

National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications that addresses the national priority of developing competent human capital for employment in the food, agriculture, natural resources, and human (FANH) sciences.

Applications are due May 24, 2023. The maximum award amount is \$500,000.

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

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OJJDP FY 2023 Second Chance Act Addressing the Needs of Incarcerated Parents and Their Minor Children  
Department of Justice (Justice)

Notice seeking proposals for funding to implement and expand services that address the needs of incarcerated parents who have children younger than age 18.

Applications are due May 30, 2023.

LINKS: [Grants.gov](#)

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Organic Assistance Specialists  
United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS)

Notice seeking applications to expand their existing organic expertise thru relationships within the organic community. Through this collaboration the agency wants to increase conservation assistance to organic producers and those transitioning to organic production in the United States and the Pacific Islands and Caribbean areas through improved partnerships with organizations.

Applications are due June 11, 2023. An estimated \$5 million is available to fund seven awards.

LINKS: [Grants.gov](#)

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ROSES 2023: F.18 NASA Innovation Corps  
National Aeronautics and Space Administration (NASA), National Science Foundation (NSF)

Notice seeking proposals for participation in the National Science Foundation (NSF) Innovation Corps (I-Corps™) Program to train faculty, students in higher education, post-docs, and other researchers in innovation and entrepreneurship skills.

Applications are accepted any time until March 29, 2024. Multiple awards are anticipated.

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

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Higher Education Programs (HEP): Developing Hispanic-Serving Institutions (DHSI) Program, Assistance Listing Number 84.031S  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to assist Hispanic-Serving Institutions (HSIs) with expanding educational opportunities for, and improving the academic attainment of, Hispanic students.

Applications are due June 13, 2023. Approximately \$38.05 million is available to fund 65 awards.

LINKS: [Grants.gov](#), [Federal Register](#)

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SNAP Process and Technology Improvement Grants 2023

United States Department of Agriculture (USDA), Food and Nutrition Service (FNS)

Notice seeking applications to support efforts by State agencies and their community-based and faith-based partners to develop and implement projects that use technology to improve the quality and efficiency of Supplemental Nutrition Assistance Program (SNAP) application and eligibility determination systems.

Applications are due June 15, 2023. Approximately \$5 million is available to fund 12 awards.

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

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Workforce Opportunities for Rural Communities (WORC) Round 5: A Grant Initiative for the Appalachian, Delta, and Northern Border Regions  
Department of Labor (Labor), Employment and Training Administration (ETA)

Notice seeking applications for the WORC Initiative for grants serving the Appalachian, Delta, and Northern Border regions. The WORC Initiative provides funding to eligible applicants proposing projects that address the employment and training needs of the local and regional workforce, created in collaboration with community partners and aligned with existing economic and workforce development plans and strategies.

Applications are due June 13, 2023. Approximately \$44.2 million is available to fund 35 awards.

Limited Submission: Only one application from each organization

LINKS: [Grants.gov](#)

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Broadband Technical Assistance  
United States Department of Agriculture (USDA), Rural Utilities Service (RUS)

Notice seeking applications to encourage the expansion of broadband services in rural areas by awarding cooperative agreement funding to eligible entities. This funding supports the delivery of technical assistance and training to rural communities in need of broadband and rural broadband providers.

Applications are due June 20, 2023. Approximately \$20 million is available.

LINKS: [Grants.gov](#), [Federal Register](#)

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Higher Education Programs (HEP): Fund for the Improvement of Postsecondary Education (FIPSE): Rural Postsecondary and Economic Development (RPED) Grant Program, Assistance Listing Number 84.116W  
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking proposals to improve rates of postsecondary enrollment, persistence, and completion among rural students through development of high-quality career pathways aligned to high-skill, high-wage, and in-demand industry sectors and occupations in the region.

Applications are due June 20, 2023. Multiple awards with a ceiling of \$2,227,500 are anticipated.

LINKS: [Grants.gov](#), [Federal Register](#), [Agency Site](#)

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NAWCA 2024 Canada Grants  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to demonstrate how the activities of partners would encourage sustainable and effective programs for the long-term conservation of wetlands-associated migratory birds. NAWCA Canada proposals contribute to efforts to reduce climate pollution, support climate resilience, support land conservation and biodiversity efforts and leverage partnerships.

Applications are due August 25, 2023. Approximately \$28 million is available to fund eight awards. Cost sharing is required.

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

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NAWCA 2024-2 US Standard Grants  
Fish and Wildlife Service (FWS), Department of the Interior (Interior), North American Wetlands Conservation Act (NAWCA)

Notice seeking applications that promotes partnerships projects that must involve a) only long-term protection, restoration, enhancement and/or establishment of wetland and associated upland habitats to benefit diversity of wetland ecosystems and b) maintaining an abundance of waterfowl (ducks, geese, and swans) and other populations of wetlands-associated migratory birds consistent with the objectives of the North American Waterfowl Management Plan, U.S. Shorebird Conservation Plan, Waterbird Conservation Plan for the Americas, and Partners in Flight Bird Conservation Plan.

Applications are due July 7, 2023. Approximately \$50 million is available to fund 25 awards. Cost sharing is required.

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

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OSEP: Personnel Development to Improve Services and Results for Children with Disabilities--Preparation of Early Intervention and Special Education Personnel Serving Children with Disabilities who have High-Intensity Needs, ALN 84.325K  
Department of Education (Education), Office of Special Education and Rehabilitative Services (OSERS)

Notice seeking applications to (1) help address State-identified needs for personnel preparation in early intervention, special education, 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.

Applications are due June 13, 2023. Approximately \$6.75 million is available to fund 27 awards.

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

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OVC FY 2023 Developing Future Victim Specialists to Serve American Indian-Alaska Native Victims of Crime  
Department of Justice (Justice)

Notice seeking applications to develop victim service professionals who will provide direct services to AI/AN victims in locations that are remote and where positions are hard to fill.

Applications are due June 12, 2023 for Grants.gov. Applications are due June 20, 2023 for JustGrants. Approximately \$5 million is available to fund 10 awards.

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

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PRIME 2023-01  
Small Business Administration (SBA), Department of Commerce (Commerce)

Notice seeking proposals interested in providing assistance and guidance to disadvantaged microentrepreneurs and/or microenterprise development organizations.

Applications are due May 18, 2023. An estimated \$8 million is available to fund up to 30 awards.

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

## HEALTH and MENTAL HEALTH

Catalytic Tool and Technology Development in Kidney, Urologic, and Hematologic Diseases (R21 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking proposals to promote development of innovative, enabling tools and technologies in the areas of kidney, urologic, and hematologic diseases.

Applications are due June 16, 2023. An estimated ten awards with a two-year ceiling of \$275,000 are anticipated.

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

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Development and Application of PET and SPECT Imaging Ligands as Biomarkers for Drug Discovery and for Pathophysiological Studies of CNS Disorders (R01 Clinical Trial Optional or Clinical Trial not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH), National Institute on Aging (NIA)

Notice seeking proposals for the preclinical development of novel radioligands for positron emission tomography (PET) or single photon emission computed tomography (SPECT) imaging in rodent and nonhuman primate brain and incorporation of pilot or clinical feasibility evaluation, either in pre-clinical studies and appropriate model development; or from previously collected data in pre-clinical studies.

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

LINKS: [Grants.gov \(R01 Clinical Trial Optional\)](#), [Grants.gov \(R01 Clinical Trial Not Allowed\)](#)

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Development and Validation of Models for Alzheimer's Disease-Related Dementias (ADRD) (R61 R33 - Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS); National Institute on Aging (NIA)

Notice seeking proposals for development and validation of clinically relevant models of Alzheimer's Disease and Alzheimer's Disease-Related Dementias including post-TBI dementias.

Applications are due June 20, 2023. An estimated eight awards with a per-year ceiling of \$360,000 are anticipated.

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

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Diagnostic Centers of Excellence (X01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for infrastructure, data management, and clinical research support for a new Network of clinical sites that provide diagnostic services for patients with undiagnosed diseases.

Applications are due May 15, 2023. Multiple awards are anticipated.

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

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Exploratory Clinical Neuroscience Research on Substance Use Disorders (R61-R33 Basic Experimental Studies with Humans (BESH) Required)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support clinical research applications that are exploratory and developmental in nature and focus on understanding the neurobiological mechanisms underlying substance use disorders (SUD), including fundamental circuitry and behavior relevant to substance use.

Applications are due annually on June 21, October 9, and March 13. Program expires May 8, 2026.

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

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Exploratory Clinical Neuroscience Research on Substance Use Disorders (R61-R33 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support clinical research applications that are exploratory and developmental in nature and focus on understanding the neurobiological mechanisms underlying substance use disorders (SUD), including fundamental circuitry and behavior relevant to substance use.

Applications are due annually on June 21, October 9, and March 13. Program expires May 8, 2026.

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

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Fundamental Research to Understand the Mechanisms of Neurotropic Virus-mediated Disease (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking proposals to better understand the mechanisms underlying viral invasion of the central nervous system (CNS), virus- and/or host immune-mediated neuropathogenesis, and the associated clinical manifestations for emerging and re-emerging neurotropic viruses.

Applications are due August 25, 2023. An estimated \$2.8 million is available to fund five to six awards.

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

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Implementation Science for Cancer Control in People Living with HIV in Low- and Middle-Income Countries (U01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking proposals to support Implementation Science for Cancer Control in People Living with HIV (PLWH) in Low- and Middle-Income Countries (LMICs) to accelerate the integration of evidence-based cancer control interventions for PLWH by leveraging existing HIV treatment and prevention infrastructure.

Applications are due December 15, 2023. An estimated six awards with a ceiling of \$500,000 are anticipated.

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

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Institutional Training Programs to Advance Translational Research on Alzheimer's Disease (AD) and AD-Related Dementias (ADRD) (T32 Clinical Trial Not Allowed)



National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals to promote the development of a diverse, interdisciplinary workforce needed to conduct translational research on Alzheimer's disease and Alzheimer's-related dementias from target discovery through clinical development.

Applications are due May 25, 2023. An estimated \$2.5 million is available to fund three to five awards.

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

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Teen Pregnancy Prevention Tier 2 Adolescent Sexual Health Innovation Hubs  
Department of Health and Human Services (HHS)

Notice seeking proposals for innovative, evidence-based sexual and reproductive health and family planning programs, services, strategic partnerships, evaluation, and research; specifically for Adolescent Sexual Health Innovation Hubs.

Applications are due June 13, 2023. An estimated six awards with a ceiling of \$2 million are anticipated.

LINKS: [Grants.gov](#)

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Understanding Expectancies in Cancer Symptom Management (R01 Clinical Trial Required)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

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. Expectancies are defined in this context as beliefs about future outcomes, including one's response to cancer or cancer treatment.

Applications are due June 15, 2023 and October 5, February 5, June 5, annually thereafter. Program expires May 8, 2026.

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

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BRAIN Initiative Advanced Postdoctoral Career Transition Award to Promote Diversity (K99-R00)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to enhance diversity in the neuroscience workforce and maintain a strong cohort of new and talented, NIH-supported, independent investigators from diverse backgrounds, including those from underrepresented groups in the biomedical and behavioral sciences, in BRAIN Initiative research areas.

Applications are due June 14, 2023, October 13, 2023, and February 13, 2024. Approximately \$4 million is available to fund 20 awards per year.

LINKS: [Grants.gov \(Clinical Trial Required\)](#), [Grants.gov \(Clinical Trial Not Allowed\)](#), [Solicitation](#)

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BRAIN Initiative: Integration and Analysis of BRAIN Initiative Data (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for the development of software to visualize and analyze the data as part of programs of building the informatics infrastructure for the BRAIN Initiative.

Applications are due June 9, 2023. An estimated \$4 million is available to fund four to seven awards.

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

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Centers of Excellence in Genomic Science (RM1 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals to establish academic Centers for advanced genome research.

Applications are due June 23, 2023. Multiple awards with a ceiling of \$1.5 million are anticipated.

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

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Clinical Trial Readiness for Rare Diseases, Disorders, and Syndromes (R21 and R03 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for support of clinical projects that address critical needs for clinical trial readiness in rare diseases. Mechanisms for Exploratory/Developmental Research Grants and Small Grants are available.

Applications are due May 15, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov \(R21\)](#), [Grants.gov \(R03\)](#)

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DoD Multiple Sclerosis, Early Investigator Research Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications to support MS-focused research opportunities for individuals in the early stages of their careers, under the guidance of one or more designated Mentors. This opportunity allows for early-stage investigators to develop a research project, investigate a problem or question in MS research, and further their intellectual development as an MS researcher of the future.

Pre-applications are due July 24, 2023. Approximately \$1.9 million is available to fund six awards.

LINKS: [Grants.gov](#)

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DoD Multiple Sclerosis, Exploration - Hypothesis Development Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications supports the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in the MS research field. The studies supported by this award mechanism are expected to lay the groundwork for future avenues of scientific investigation.

Pre-applications are due June 8, 2023. Approximately \$2 million is available to fund eight awards.

LINKS: [Grants.gov](#)

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Emergency Awards: HEAL Initiative-Early-Stage Discovery of New Pain and Opioid Use Disorder Targets Within the Understudied Druggable Proteome (R21 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support early-stage research projects focusing on the identification of new

druggable targets for pain, opioid use disorder and/or overdose within the understudied druggable proteome.

Applications are due May 22, 2023. Approximately \$3 million is available to fund 11 awards in FY 2024.

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

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Maternal Health Research Collaborative for Minority-Serving Institutions (MH-RC-MSI) Research Centers (RCs)  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking proposals to establish a multi-institutional research network that is comprised of and supports minority-serving institutions (MSIs) to build their capacity to conduct research addressing disparities in maternal mortality, severe maternal morbidity, and maternal health outcomes and to find community-based solutions to address these disparities and advance health equity.

Applications are due June 12, 2023. An estimated \$7,376,000 is available to fund 16 awards.

LINKS: [Grants.gov](#)

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State Maternal Health Innovation Program  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking proposals to reduce maternal mortality and severe maternal morbidity (SMM) by supporting state-led demonstrations focused on improving maternal health and addressing maternal health disparities through quality services, a skilled workforce, enhanced data quality and capacity, and innovative programming.

Applications are due June 2, 2023. An estimated \$23 million is available to fund 23 awards.

LINKS: [Grants.gov](#)

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Assay Development and Screening for Discovery of Validated Chemical Hits for Brain Disorders (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support the development and validation of screening assays for the discovery of validated hits that can be used in future drug discovery/development efforts for identifying potential drug candidates for the treatment of mental illness. For purposes of this initiative, a "hit" is defined as a compound that has the desired activity in a compound screen and whose activity is confirmed upon retesting in orthogonal assays.

Applications are due annually on June 5, October 5, and February 5. Program expires May 8, 2026.

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

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BRAIN Initiative: Research Resource Grants for Technology Integration and Dissemination (U24 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support efforts to disseminate resources for integration into neuroscience research practice.

Applications are due June 14, 2023, February 14, 2024, and October 11, 2024. Approximately \$10 million is available to fund 10 to 20 awards.

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

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Developing Regulated Therapeutic and Diagnostic Solutions for Patients Affected by Opioid and or Stimulants use Disorders (OUD StUD) (R41 R42 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking proposals from small businesses and partners for research projects directed towards commercialization for the development of novel, evidence-based, FDA-regulated medical products addressing the needs of patients suffering from opioid use disorders (OUD) and/or stimulant use disorders (StUD).

Applications are due August 15, 2023. Approximately \$2 million is available to fund three to seven awards.

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

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DOD Pancreatic Cancer, Translational Research Partnership Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications to support partnerships between clinicians and research scientists that will accelerate the movement of promising ideas in pancreatic cancer toward clinical applications. This award supports the development of translational research collaborations between two independent investigators to address a central problem or question in pancreatic cancer in a manner that would be less readily achievable through separate efforts.

Pre-applications are due July 10, 2023. Approximately \$4.8 million is available to fund four awards.

LINKS: [Grants.gov](#)

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DOD Peer Reviewed Orthopaedic, Applied Research Award  
Army (Army), Department of Defense (Defense)

Notice seeking applied research applications focused on advancing optimal treatment and restoration of function for individuals with musculoskeletal injuries sustained during combat and service-related activities.

Pre-applications are due June 15, 2023. Approximately \$3.75 million is available to fund five awards.

LINKS: [Grants.gov](#)

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DOD Peer Reviewed Orthopaedic, Clinical Trial Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications to support the rapid implementation of clinical trials with the potential to have a significant impact on the treatment or management of military combat or service-related orthopaedic injuries that significantly impact unit readiness and return to duty/work rates.

Pre-applications are due June 15, 2023. Approximately \$16 million is available.

LINKS: [Grants.gov](#)

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DOD, Rare Cancers, Concept Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications supports highly innovative, untested, potentially groundbreaking novel concepts in rare cancers. The Concept Award is not intended to support an incremental progression of an already established research project; instead, it allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations.

Pre-applications are due July 14, 2023. Approximately \$3.2 million is available to fund 20 awards.

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

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DOD, Rare Cancers, Idea Development Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications that promotes new ideas that are still in the early stages of development and have the potential to yield impactful data and new avenues of investigation. This award supports research supported by preliminary data that could lead to critical discoveries or major advancements that will accelerate progress toward eradicating deaths and suffering from rare cancers.

Pre-applications are due June 26, 2023. Approximately \$8.40 million is available to fund 15 awards.

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

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Enhancing STI and Sexual Health Clinic Infrastructure (ESSHCI)  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to strengthen clinic infrastructure and expand access to comprehensive sexual health services in high burden and underserved areas.

Applications are due June 5, 2023. Approximately \$7.5 million is available to fund 25 awards per year.

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

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Industrialization and Translation of Extracellular Vesicles for use in Regenerative Medicine (U43, U44, UT1, UT2 Clinical Trials Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS)

Notice seeking proposals from small businesses and partners for the development of novel extracellular vesicle-based therapeutic platforms for use in regenerative medicine. STTR and SBIR mechanisms are available.

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

LINKS: [Grants.gov \(UT1/UT2\)](https://www.grants.gov), [Grants.gov \(U43/U44 Clinical Trials Not Allowed\)](https://www.grants.gov)

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Lasker Clinical Research Scholars Program (Si2-R00 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for a unique bridge between the NIH intramural and extramural research communities and contains two phases. In the first phase, Lasker Scholars will receive appointments for up to 5-7 years as tenure-track investigators within the NIH Intramural Research Program with independent research budgets. In the second phase, successful scholars will receive up to 3 years of NIH support for their research at an extramural research facility; or, the Scholar can be considered to remain as an investigator within the intramural program.

Applications are due August 25, 2023. Five awards are anticipated.

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

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Limited Competition: Superfund Hazardous Substance Research and Training Program (P42 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to support problem-based, solution-oriented research Centers that consist of multiple, integrated projects representing both the biomedical and environmental science and engineering disciplines; as well as cores tasked with administrative (which includes research translation), data management and analysis, community engagement, research experience and training coordination, and research support functions.

Applications are due October 2, 2023. Approximately \$25 million is available to fund up to 12 awards.

Limited Submission: Only one application per institution is allowed

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

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Lupus Research Impact Award  
Army (Army), Department of Defense (Defense)

Notice seeking applications that support the full spectrum of research projects or ideas that specifically focus on scientific and clinical lupus issues, which, if successfully addressed, have the potential to make a major impact in lupus research and/or lupus disease.

Pre-applications are due July 20, 2023. Approximately \$5 million is available to fund five awards.

LINKS: [Grants.gov](#)

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Mechanistic Studies to Investigate the Interrelationship Between Sleep and or Circadian Rhythms and Substance Use Disorders (R01 Clinical Trials Not Allowed and R01 Basic Experimental Studies with Humans Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking proposals for basic science experimental studies that expand our knowledge of the interrelationships between sleep/circadian rhythms and substance use disorders. Funding mechanisms include R01 Basic Experimental Studies with Humans Required and R01 Clinical Trials Not Allowed.

Applications are due November 13, 2023. An estimated \$3 million is available to fund three to five awards.

LINKS: [Grants.gov \(R01 Basic Experimental Studies with Humans Required\)](#), [Grants.gov \(R01 Clinical Trials Not Allowed\)](#)

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Projects for Translating the Findings and Products of Disability and Rehabilitation Research and Development into Practice

Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to engage in knowledge translation activities to promote the use or adoption of findings or products from NIDILRR-sponsored research or development projects.

Applications are due June 16, 2023. Approximately \$1.2 million is available to fund six awards.

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

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STrengthening Research Opportunities for NIH Grants (STRONG): Structured Institutional Needs Assessment and Action Plan Development for Resource Limited Institutions (RLIs) (UC2 - Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support research capacity needs assessments by eligible Resource-Limited Institutions (RLIs). The program will also support the recipient institutions to use the results of the assessments to develop action plans for how to meet the identified needs.

Applications are due annually on September 18. Program expires September 19, 2025.

Limited Submission: Only one application per institution

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Alfalfa Seed and Alfalfa Forage Systems

National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking proposals for the development of improved alfalfa forage and seed production systems.

Applications are due May 25, 2023. Multiple awards with a ceiling of \$900,000 are anticipated.

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

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Bipartisan Infrastructure Law: Industrial Assessment Center (IAC) Program – IACs at Trade Schools, Community Colleges, and Union Training Programs; and Building Training and Assessment Centers (BTAC) Program and FOA  
Department of Energy (Energy)

Notice seeking proposals to establish new Industrial Assessment Centers (IACs) at community colleges, trade schools, and union training programs, as well as to create new Building Training and Assessment Centers (BTACs) at institutions of higher education, including Tribal colleges and universities.

Applications are due July 31, 2023. An estimated 21 to 90 awards are anticipated.

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

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Computer and Information Science and Engineering (CISE) Research Initiation Initiative  
National Science Foundation (NSF)

Notice seeking proposals to support research independence among early-career academicians who specifically lack access to adequate organizational or other resources, and to broaden the set of institutions capable of performing computing research.

Applications are due September 20, 2023. An estimated 55 to 60 awards with a two-year ceiling of \$175,000 are anticipated.

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

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Domestic Near Net Shape Manufacturing to Enable a Clean and Competitive Economy  
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking applications on accelerating the development of innovative manufacturing technologies to increase the competitiveness of the domestic near net shape (NNS) manufacturing base and strengthen the associated supply chains.

Required concept papers are due May 11, 2023. An estimated \$30 million is available to fund up to four awards. Cost share must be at least 20% of the total project costs.

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

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FY23 Broad Agency Announcement for Innovative Environment Technologies and Methodologies  
Department of Defense (Defense), Naval Facilities Engineering and Expeditionary Warfare Center (NEXWC)

Notice seeking proposals for technologies and methodologies to reduce environmental impacts from current and past Navy operations, and applies to Navy installations worldwide. NEXWC is interested in environmental technologies and methodologies that are either new, innovative, advance the state-of-the-art, or increase knowledge or understanding of a technology or methodology.

Required abstract/white papers are due any time until April 11, 2024.

LINKS: [Contract Opportunities](#)

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Innovation, Science and Technology (IST) Broad Agency Announcement (BAA)  
Department of Defense (Defense), Missile Defense Agency (MDA)

Notice seeking proposals to identify and develop innovative concepts across a broad spectrum of science and engineering disciplines, to include disruptive technologies that stimulate innovation and exploit breakthroughs in science to offer robust technology improvements to the Missile Defense System (MDS).

Required white papers may be submitted any time until April 9, 2025. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Ocean Exploration Fiscal Year 2024 Funding Opportunity  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals for ocean exploration-related projects under three themes. The three themes are Ocean Exploration and Discovery, Technology, and Maritime Heritage.

Required pre-proposals are due by May 30, 2023. An estimated \$3 million is available to fund 4 to 10 awards.

LINKS: [Grants.gov](#)

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Public Wireless Supply Chain Innovation Fund Grant Program – Expanding Testing and Evaluation  
Department of Commerce (Commerce), National Telecommunications and Information Administration (NTIA)

Notice seeking applications to fund efforts that accelerate the development, deployment, and adoption of open and interoperable radio access networks (RAN) through a competitive grant program.



Applications are due June 2, 2023. The maximum award amount is \$50 million. 100 awards are anticipated.

LINKS: [Grants.gov](#)

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Reimagining Security with Cyberpsychology-Informed Network Defenses (ReSCIND) Program BAA Intelligence Advanced Research Projects Activity (IARPA), Department of Defense (Defense), Director of National Intelligence (DNI), Naval Information Warfare Center (NIWC)

Notice seeking proposals in improving cybersecurity by developing a novel set of cyberpsychology-informed defenses that leverage attacker's human limitations, such as innate decision-making biases and cognitive vulnerabilities. It is to impose a cyber penalty against attackers and increase the effort and difficulty for them to achieve their goals.

Proposals are due May 26, 2023. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#), [Solicitation](#)

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Special Research Grants Program Potato Research  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking proposals to support potato (*Solanum tuberosum* L.) research programs that focus on varietal development and testing and potato varieties for commercial production.

Applications are due May 18, 2023. An estimated \$3.7 million is available to fund multiple awards.

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

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National Space-Based Positioning, Navigation, and Timing Advisory Board  
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the National Space-Based Positioning, Navigation and Timing (PNT) Advisory Board.

The meeting will be held May 3, 2023, from 9 a.m.–6 p.m., ET; and May 4, 2023, from 9 a.m.–12 p.m., ET. at Arundel Ballroom, Crowne Plaza Annapolis, 173 Jennifer Rd. Annapolis, MD

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

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Tellus Proposers Day  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Biological Technologies Office (BTO)

Notice announcing a proposers' day for Tellus. Tellus will explore the development of a platform Methodology for the rapid and modular design of microbe-based sensing systems to include tailoring of input stimuli and output signals, biologically-encoded signal processing, and response times.

The Proposers Day will be held on April 27, 2023, from 10:30 a.m. to 3:35 p.m. (ET). Advance registration is required. Registrations are due April 24, 2023 to <https://events.sa-meetings.com/TellusProposersDay>.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Combustion and Fire Systems  
National Science Foundation (NSF)

Notice seeking proposals to support research on combustion and fire prediction and mitigation. Priority areas include basic combustion science, combustion science related to clean energy, wildland fire prediction and prevention, and turbulence-chemistry interactions.

Proposals are accepted anytime.

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

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Faculty Development in geoSpace Science  
National Science Foundation (NSF)

Notice seeking proposals to integrate topics in geospace science including solar and space physics and space weather research into natural sciences or engineering or related departments at U.S. institutions of higher education (IHE). FDSS also stimulates the development of undergraduate or graduate programs or curricula capable of training the next generation of leaders in geospace science.

Proposals are due September 8, 2023. Approximately \$6 million is available to fund up to four awards.

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

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Measurement Science and Engineering (MSE) Research Grant Programs  
National Institute of Standards and Technology (NIST), Department of Commerce (Commerce)

Notice seeking applications to drive innovation and industrial competitiveness through measurement science and standards by cultivating a culture of belonging that integrates diversity, equity, inclusion, and accessibility in all ways of working.

Applications are due on a rolling basis.

LINKS: [Grants.gov](#)

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ROSES 2023: Earth Surface Mineral Dust Source Investigation (EMIT) Science and Applications Team  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support basic research and analysis as well as applications activities associated with the production, validation, and utilization of EMIT products.

Proposals are due July 19, 2023. Approximately \$2.25 million is available to fund 12 to 18 awards.

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

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Advanced Air Vehicles Program (AAVP) Fellowship Opportunities  
National Aeronautics and Space Administration (NASA), Aeronautics Science Mission Directorate (ASMD)

Notice seeking proposals or research training grants to begin the academic year. This NOFO is designed to support independently-conceived research projects by highly qualified graduate students, in disciplines needed to help advance NASA's mission, thus affording these students the opportunity to directly contribute to advancements in STEM-related areas of study.

Proposals are due May 31, 2023.

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

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Department of Energy Heat Pump Defense Production Act Program  
Department of Energy (Energy)

Notice seeking proposals to accelerate the growth of domestic production capability of electric heat pumps to meet the anticipated increased demand for clean energy technologies as the economy transitions to net-zero emissions.

Required concept papers are due May 19, 2023. An estimated \$250 million is available to fund approximately 20 awards.

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

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ROSES 2023: Research Initiation Awards  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals with two criteria: investigators at institutions underrepresented in the SMD ecosystem to initiate activities that, over the course of a two-year period, will provide the foundation for a competitive, sustainable, and productive program of research; and undergraduate students affiliated with the proposing investigator to perform cutting-edge research in an SMD-relevant field.

Applications are due July 18, 2023. Multiple awards with a two-year ceiling of \$300,000 are anticipated.

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

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ROSES 2023: SMD Bridge Program Seed Funding  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for projects that support faculty and students at under-resourced institutions (URIs) to develop or participate in research activities with partners at NASA Centers or facilities.

Applications will be accepted until March 29, 2024. Multiple awards with a two-year ceiling of \$300,000 are anticipated.

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

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University Day  
Department of Defense (Defense)

Notice seeking proposals for leading-edge research from new academic collaborators that currently do not have a relationship with the Air Force Research Laboratory Munitions Directorate.

Required white papers are due May 18, 2023. Multiple awards are anticipated.

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