

## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Assistance to High Energy Cost Communities  
U.S. Department of Agriculture

Notice seeking applications to provide financial assistance for a broad range of energy facilities, equipment, and related activities to offset the impact of extremely high home energy costs on eligible communities. The grants help communities provide basic energy needs by financing energy infrastructure supporting rural prosperity and job creation.

Applications are due by October 31, 2023. Estimated \$10 million is available to fund multiple awards. Colleges and universities are eligible to partner.

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

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Coastal Habitat Restoration and Resilience Grants for Tribes and Underserved Communities, Under the BIL and IRA  
Commerce

Notice seeking proposals to support opportunities for tribes, tribal entities, and/or underserved communities to meaningfully engage in coastal habitat restoration activities.

Applications are due December 19, 2023. Estimated \$45 million is available. Colleges and universities are eligible to partner.

LINKS: [Grants.gov](#)

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Region 5 Fiscal Year 2023 and 2024 Wetland Program Development Grants  
Environmental Protection Agency

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

Applications are due November 3, 2023. Estimated \$2.82 million is available to fund 15 to 20 awards. Cost share of at least 25 percent is required.

LINKS: [Grants.gov](#)

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## HEALTH and MENTAL HEALTH

BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (R01 Clinical Trial Optional)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative.

Applications are due October 11, 2023. Estimated \$3 million is available to fund up to eight awards.

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

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Firearm Injury Prevention in Community Healthcare Settings (R01 Clinical Trial Optional)  
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to advance research that reduces firearm injury and disparities through the development and evaluation of firearm injury primary prevention interventions leveraging community healthcare settings.

Applications are due November 7, 2023 and July 26, 2024. Estimated \$3 million is available to fund four to six awards.

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

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HEAL INITIATIVE: Development and validation of remote or patient wearable device derived objective biosignatures or functional assessments to monitor pain for use as endpoints in clinical trials (UG3-UH3 - Clinical Trial Optional)

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

Notice seeking applications to promote the discovery, development, and validation of real-world digital endpoints derived from data generated by existing remote or wearable devices. These endpoints will be used for monitoring the experience of pain, its progression, response to interventions, and impact on quality of life.

Applications are due January 30, 2024. Estimated \$5.1 million is available to fund four to six awards in FY 2024.

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

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Service Area Competition

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

Notice seeking proposals to provide primary health care services to the Nation's medically underserved populations.

Applications are due October 30, 2023. Estimated \$412,967,055 is available to fund up to 163 awards.

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

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Systems-Level Risk Detection and Interventions to Reduce Suicide, Ideation, and Behaviors in Youth from Underserved Populations (R34 and R01 Clinical Trial Optional)

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

Notice seeking planning and research applications to support pilot work for subsequent research to test the effectiveness of combined interventions to both detect and intervene to reduce risk of suicide and suicide ideation and behavior (SIB), and non-suicidal self-injury (NSSI) specifically among children, adolescents, and transition-age youth/young adults from underserved populations.

Applications are due February 20, 2024. Estimated \$3 million is available to fund up to six awards in FY 2025.

LINKS: [Grants.gov \(R34\)](#); [Grants.gov \(R01\)](#); [Solicitation](#)

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High-Priority Behavioral and Social Research Networks (R24 Clinical Trial Optional)

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

Notice seeking applications to provide critical network support for advancing development in the following specific high-priority areas of behavioral and social research on aging: (1) Stress Measurement, (2) Life

Course Health Disparities at Older Ages, (3) Aging Research on Criminal Justice and Health Disparities, (4) Rural Aging, (5) Genomics of Behavioral and Social Science, (6) Behavioral and Social Research on Aging in Animal Models.

Applications are due November 1, 2023. Estimated \$2 million is available to fund up to six awards.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Announcement for Program Funding for NRCS's Conservation Innovation Grants (CIG) Classic Program for Federal fiscal year (FY) 2023  
U.S. Department of Agriculture

Notice seeking proposals to stimulate the development and adoption of innovative conservation approaches and technologies in conjunction with agricultural production.

Applications are due October 30, 2023. Estimated \$15 million is available to fund up to 17 awards.

LINKS: [Grants.gov](#)

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Artificial Intelligence and Next Generation Distributed Command and Control  
Defense

Notice seeking white papers in exploring new and advancing existing Artificial Intelligence and distributed Command and Control (C2) concepts. This BAA is interested in key areas for advancing C2 capability for the Air Force to include but not limited to development and application of AI to C2, new concepts and techniques for the battle management and orchestration of AI at pace and scale, how the use of AI by adversaries can be considered in the C2 planning and execution process and distributed and collaborative C2 to enable C2 anywhere and anyplace.

White papers are due September 13, 2023. Estimated \$18.2 million is available to fund multiple awards.

LINKS: [Contract Opportunities](#)

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Conservation Innovation Grants (CIG) On-Farm Conservation Innovation Trials for fiscal year (FY) 2023  
U.S. Department of Agriculture

Notice seeking proposals for projects addressing at least one of the following priorities: irrigation management technologies; feed management and enteric methane reduction; grazing lands; nutrient management; and soil health demonstration (SHD) trials. Up to \$50 million is available for On-Farm Trials in 2023.

Applications are due October 30, 2023. Estimated \$50 million is available to fund up to 15 awards.

LINKS: [Grants.gov](#)

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Naval Aviation North Stars Enterprise-Wide Broad Agency Announcement (BAA)  
Defense

Notice seeking white papers for research and development, which may include but is not limited to, rapid prototyping, demonstration and experimentation projects that offer potential for advancements and improvements in Integrated Warfighting Capability across the Naval Aviation Mission Areas.

White papers may be submitted at any time until August 30, 2024. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

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Postdoctoral Research Fellowships in Biology  
National Science Foundation

Notice seeking proposals for research and training in selected areas supported by BIO and with special goals for human resource development in biology. For proposals under this solicitation, these areas are (1) Broadening Participation of Groups Underrepresented in Biology, (2) Integrative Research Investigating the Rules of Life Governing Interactions Between Genomes, Environment and Phenotypes, and (3) Plant Genome Postdoctoral Research Fellowships.

Proposals are due November 29, 2023. Estimated \$15 million is available to fund 60 fellowships.

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

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ROSES 2023: Hera Participating Scientist Program  
National Aeronautics and Space Administration

Notice seeking proposals to contribute to the international planetary defense demonstration in the following ways: to directly measure the mass of Dimorphos to eliminate this systematic uncertainty from the determination of the DART momentum transfer efficiency; investigate the DART impact crater; observe subtle dynamical effects such as libration induced by the impact; and characterize the surface and interior of Dimorphos.

Applications are due November 30, 2023. An estimated 10 to 14 awards with a ceiling of \$800,000 are anticipated.

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

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Advanced Scientific Computing Advisory Committee  
Energy

Notice announcing a virtual meeting of the Advanced Scientific Computing Advisory Committee. The purpose of the meeting is to provide advice and guidance on a continuing basis to the Office of Science and the Department of Energy on scientific priorities within the field of advanced scientific computing research.

The meeting will be held Thursday, September 28, 2023; 11:00 a.m. to 4:00 p.m. ET via Zoom.

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

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BIL 41003c-Critical Material Innovation, Efficiency, and Alternatives  
Energy

Notice seeking applications to: (A) develop alternatives to critical materials that do not occur in significant abundance in the United States; (B) promote the efficient production, use, and recycling of critical materials, with special consideration for domestic critical materials, throughout the supply chain; (C) ensure the long-term, secure, and sustainable supply of critical materials; and (D) prioritize work in areas that the private sector by itself is not likely to undertake due to financial or technical limitations.

Applications are due November 10, 2023. Estimated \$150 million is available to fund 25 to 30 awards.

LINKS: [Grants.gov](#)

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FY24 Neotropical Migratory Bird Conservation Act Grants  
Interior

Notice seeking applications promoting the conservation of neotropical migratory birds in the United States, Canada, Latin America and the Caribbean. Grants funded under the NMBCA program help partners to protect, research, monitor, and manage bird populations and habitat throughout birds' entire migratory life cycle, as well as to conduct law enforcement and community outreach and education.

Applications are due November 2, 2023. Estimated \$4 million is available to fund 30 awards. Cost sharing is required.

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

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Pioneering Railroad, Oceanic and Plane Electrification with 1K Energy Storage Systems (Propel-1K)  
Energy

Notice seeking proposals for the research and development of alternative approaches to energy storage to ultimately achieve a > 4x improvement compared to existing state-of-the-art (SoA) options.

Applications are due October 17, 2023. Estimated \$30 million is available to fund multiple awards.

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

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Notice of Public Listening Sessions on Federal Agency Implementation of the National Science and  
Technology Council Framework for Federal Scientific Integrity Policy and Practice  
National Science Foundation

Notice announcing two virtual listening sessions to hear from members of the public about recommendations, issues and concerns related to Federal department and agency implementation of the National Science and Technology Council Framework for Federal Scientific Integrity Policy and Practice.

The virtual sessions will be held September 15, 2023 from 1:00 to 3:00 p.m. ET and September 20, 2023 from 5:00 to 7:00 p.m. ET.

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