

UNO FOCUS:

\$18 Million Available to Support Electricity Grid Resilience, Reliability, and Security
Office of Energy Efficiency & Renewable Energy

The U.S. Department of Energy (DOE) released three Notices of Funding Opportunity (NOFOs) totalling nearly \$18.4 million for programs to support research and development of ground-breaking electricity grid technologies. The programs will reduce the cost of high-voltage direct current (HVDC) circuit breakers, improve risk assessment and communication for grid operators, and ensure communities are ready to respond to unanticipated energy storage system failures.

The earliest application deadline is January 27, 2025 and the latest deadline is February 28, 2025.

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

Funding Opportunities
Louisiana Biomedical Research Network (LBRN)

The Louisiana Biomedical Research Network offers limited grants and research programs to which qualified researchers may apply. Please review the available programs listed in the links provided below. Interested researchers should contact Ojasvi Dutta (odutta@lsu.edu) and copy Dr. Seetharama Jois (sjois@lsu.edu); Dr. Gus Kousoulas (vtgusk@lsu.edu) before submitting a proposal to ensure eligibility.

Proposals must be submitted by January 25, 2025.

LINKS: [LBRN](https://www.lbrn.org)

\$20 Million Available to Improve Recycling of Wind Energy Technologies
U.S. Department of Energy

The U.S. Department of Energy's (DOE's) Wind Energy Technologies Office announced a \$20 million funding opportunity from the Bipartisan Infrastructure Law to help increase the recyclability of wind energy materials. This funding opportunity will help address technological and supply chain challenges that currently limit recycling of fiber-reinforced composites and rare earth element magnets in wind turbines; accelerate the creation of designs that are more easily recyclable and reusable; and speed up the development of end-of-life processing technologies to cost effectively, sustainably, and efficiently recycle and recover materials from wind turbines, including manufacturing waste.

Applications are due February 11, 2025.

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

ARTS, HUMANITIES, and INTERNATIONAL

Publishing Historical Records in Collaborative Digital Editions
NARA

Notice seeking proposals that support the needs of the edition that include collecting, describing, preserving, compiling, transcribing, annotating, editing, encoding, and publishing documentary source materials online.

Proposals are due May 7, 2025 or November 5, 2025. An estimated \$2.6 million is available to fund 25 awards.

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

Rhinoceros and Tiger Conservation Fund - ASIA FY25
Interior

Notice seeking proposals for conservation projects in Asia to fund projects that are designed to increase rhino and tiger populations, manage their habitats, create protected areas, involve local communities and Indigenous peoples in conservation, deal with conflicts between people and wildlife, and educate the public about these animals.

Applications are due February 27, 2025. The amount of funding per award may range from \$250,000 - \$750,000.

LINKS: [Grants.gov](#)

U.S. Ambassadors Fund for Cultural Preservation (AFCP) 2025 Grants Program
State

Notice seeking proposals that helps protect historic buildings, archaeological sites, museum collections, and traditional cultural expressions like indigenous languages and crafts around the world.

Proposals are due January 10, 2025. An estimated \$6 million is available to fund 25 to 35 awards.

LINKS: [Grants.gov](#)

NEA Challenge America, FY 2026
National Endowment for the Arts

Notice seeking proposals to support projects that extend the reach of the arts to underserved groups/communities. Project activities may include, but are not limited to: arts programming; audience and community engagement, including educational activities; marketing and promotional activities; and organizational planning.

Proposals are due April 24, 2025 in Grants.gov. Multiple awards of up to \$10,000 are available. Awards require a 1:1 match or cost share. Applicants must have not received or been recommended for awards in Grants for Arts Projects, Research Awards, or Our Town in any of the previous three fiscal years.

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

NEA Grants for Arts Projects 1, FY 2026
National Endowment for the Arts

Notice seeking proposals to fund projects for public engagement with the arts and arts education; for the integration of the arts with strategies promoting the health and well-being of people and communities; and for the improvement of overall capacity and capabilities within the arts sector.

Proposals are due February 13, 2025 in Grants.gov. Multiple awards ranging from \$10,000 to \$100,000 each are available. A 1:1 cost share or match is required.

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

U.S. Embassy Yaounde PDS Annual Program Statement
State

Notice seeking statements of interest to support projects proposed by U.S. and Cameroonian academic, cultural, educational, and other non-profit organizations and/or individuals that promote U.S. values, increase understanding between U.S. and Cameroonian people and institutions, and/or support U.S. Embassy goals of promoting government transparency and accountability, economic prosperity, peace and security, environmental sustainability, and climate adaptation. All programs must include an element of American culture or society, or connection with American expert/s, organization/s, or institution/s that will promote increased understanding of U.S. policy and perspectives.

Required statements of interest are due June 30, 2025. An estimated 10 awards ranging from \$5,000 to \$25,000 are available to support projects lasting up to 24 months.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Organic Agriculture Research and Extension Initiative
U.S. Department of Agriculture

Notice seeking proposals to fund projects that will enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products. Priority concerns include biological, physical, and social sciences, including economics.

Proposals are due February 13, 2025. An estimated \$44 million is available to fund 23 awards.

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

Coastal Habitat Restoration and Resilience Grants for Tribes and Underserved Communities
Commerce

Notice seeking proposals to support opportunities for tribes, and/or tribal entities, and underserved communities to meaningfully engage in coastal habitat restoration activities. The program will prioritize capacity building, meaningful engagement, and restoration project activities that enhance resilience of tribes, tribal entities, and underserved communities and have the greatest potential to lead to habitat restoration in coastal, estuarine, marine, and Great Lakes areas. up to 15% of funding will go directly to tribes and/or tribal entities and the remaining will be available for all eligible entities, including institutions of higher education. Collaboration is also encouraged.

Proposals are due May 12, 2025. Award amounts range from \$250,000 - \$1 million for three years, with potential for projects up to five years.

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

FY25 IIJA IRA Bureau of Land Management Headquarters Recreation and Visitor Services
Interior

Notice seeking proposals for projects focused on one or more of the current department priorities: build healthy communities and economies, advance environmental justice, address the climate crisis, and provide safe and equitable access to outdoor recreation opportunities for all Americans. These projects will: connect with youth, tribes, and underserved communities to foster public lands stewardship; enhance access to quality outdoor recreation activities while promoting climate resiliency; identify and remove barriers to outdoor recreation and expand recreation opportunities for all; provide an enhanced, more sustainable recreational experience by delivering up-to-date and engaging visitor information online and in person.

Proposals are due February 14, 2025. An estimated \$2.75 million is available to fund up to seven awards, ranging from \$10,000 - \$650,000.

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

HEALTH and MENTAL HEALTH

Advancing Strategies to Deliver and Sustain Evidence-Based Chronic Disease Self-Management Education Programs to Support Older Adult Behavioral Health
U.S. Department of Health and Human Services

Notice seeking proposals to propose how they will develop capacity for, deliver, and sustain evidence-based chronic disease self-management education (CDSME) and support programs to improve the behavioral health of older adults and adults with disabilities through a statewide initiative.

Proposals are due February 19, 2025. An estimated \$6,203,143 is available to fund up to five awards.

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

Ancillary Studies to Ongoing Clinical Projects (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that propose to conduct time-sensitive ancillary studies related to the NIAMS mission in conjunction with privately or publicly funded, active, ongoing clinical projects (parent projects). The parent project can be an interventional clinical trial, or a clinical study such as an observational study, or a disease-specific repository that will be actively collecting patient samples or clinical data. [R01](#) and [R21](#) awards mechanisms are included.

Proposals are due April 9, 2025, August 6, 2025, and December 5, 2025.

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

Awards Supporting Cutting-Edge Technologies for Translational Science (ASCETTS) (R21 Clinical Trials Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to foster investigator-initiated development of highly innovative technologies to address barriers, limitations, or bottlenecks in translational science – particularly for therapeutic development. This program will support the early-stage proof of concept, high-risk and potentially high-reward studies for feasibility and exploratory technology development, which can transform or significantly improve the efficiency of therapeutic development to achieve NCATS ultimate goals - more treatments to all people more quickly.

Proposals are due June 19, 2025. Awards are up to \$275,000.

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

BRAIN Initiative: New Concepts and Early-Stage Research for Recording and Modulation in the Nervous System (R21) (Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for unique and innovative recording and/or modulation technologies that are in the earliest stage of development, including new and untested ideas that are in the initial stages of conceptualization. Some projects may aim to increase recording or modulation capabilities by many orders

of magnitude, while others may aim to improve the precision and selectivity of recording or modulation (also referred to as stimulation, perturbation, or manipulation).

Proposals are due June 17, 2025 and June 15, 2026. An estimated \$3 million to \$4 million is available to fund up to 10 awards.

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

Broad Spectrum Products Against Multiple Neurotoxin Botulinum Serotypes (R61-R33 Clinical Trial Not Allowed)

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

Notice seeking proposals to support the development of improved products for treating Botulinum Neurotoxin (BoNT) intoxication. Development of products that can reverse BoNT intoxication are highly encouraged.

Proposals are due May 2, 2025. An estimated \$2.9 million in FY 2026 is available to fund five to six awards for the R61 phase with two to three awards proceeding to the R33 phase.

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

Clinical Coordinating Center for Multi-Site Investigator-Initiated Clinical Trials (Collaborative UG3-UH3 Clinical Trial Required)

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

Notice seeking proposals to develop and implement a Clinical Coordinating Center (CCC) for investigator-initiated multi-site clinical trials including efficacy, comparative effectiveness, pragmatic and/or implementation research clinical trials. Trials using innovative designs such as platform trials, adaptive, and Bayesian designs are encouraged.

Proposals are due February 11, 2025 and June 11, 2025.

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

Clinical Observational (CO) Studies in Musculoskeletal, Rheumatic, and Skin Diseases (R01 Clinical Trial Not Allowed)

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

Notice seeking proposals to pursue clinical observational (CO) studies to obtain data necessary for designing clinical studies for musculoskeletal, rheumatic, or skin diseases or conditions. Research data from observational studies supported by this NOFO can enhance clinical study design by providing essential information about disease symptoms, stages, and timing of disease progression; comorbid conditions; availability of potential research participants; and outcomes that are important to patients.

Proposals are due March 4, 2025, July 2, 2025, and November 4, 2025.

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

Complement-ARIE New Approach Methodologies (NAMs) Technology Development Centers (UM1 Clinical Trial Optional)

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

Notice seeking proposals to accelerate the development, standardization, validation, and use of human-based New Approach Methodologies (NAMs). Complement-ARIE will significantly advance understanding

of human health and disease by providing a range of mature and/or validated and standardized biomedical research models.

Optional letters intent are due January 24, 2025. Proposals are February 28, 2025. An estimated \$18 million is available for awards.

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

Exploratory Clinical Trial Grants in Arthritis and Musculoskeletal and Skin Diseases (R61 Clinical Trial Required)

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

Notice seeking proposals designed to facilitate clinical trials that can be completed within a limited time frame. A broad range of types of exploratory studies may be submitted to this NOFO.

Proposals are due March 4, 2025, July 2, 2025, and November 4, 2025.

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

Exploratory-Developmental Bioengineering Research Grants (EBRG) (R21 Clinical Trial Optional)

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

Notice encouraging proposals to demonstrate feasibility and potential utility of new capabilities or improvements in quality, speed, efficacy, operability, costs, and/or accessibility of solutions to problems in basic biomedical, pre-clinical, or clinical research, clinical care delivery, or accessibility. This NOFO will support clinical trials that test functionality or validate performance in the chosen setting. Applications that propose phase III clinical trials are not sought by and will not be supported through this NOFO.

Applications are due February 16, June 16, and October 16 annually through May 8, 2028. Awards are up to \$275,000.

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

HEAL Initiative-Early-Stage Discovery of New Pain Targets Within the Understudied Druggable Proteome (R03 Clinical Trial Not Allowed)

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

Notice seeking proposals for pilot projects to identify new druggable targets for pain within the understudied druggable proteome. Awards will support generation of preliminary data and/or tools around eligible understudied protein(s) listed in this NOFO.

Proposals are due February 16, 2025, June 16, 2025, and October 16, 2025, February 16, 2026, and June 16, 2026.

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

High Impact, Interdisciplinary Science in NIDDK Research Areas (RC2 Clinical Trial Optional)

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

Notice seeking proposals to support high impact ideas that may lay the foundation for new fields of investigation within the mission of NIDDK. The interdisciplinary approach encouraged by this NOFO is envisioned to generate a research resource and/or foster discovery-based or hypothesis-generating science that can have a significant impact on the broader scientific community.

Proposals are due June 3 and October 15 annually through October 16, 2027.

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

Integrative Research to Understand the Impact of Sex Differences on the Molecular Determinants of AD Risk and Responsiveness to Treatment (U01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that apply a cross-disciplinary and team science approach to gain a comprehensive mechanistic understanding of the impact of sex differences on the molecular trajectories of brain aging on the phenotypes of risk and resilience to Alzheimer's disease (AD) and AD-related dementias (ADRD), and on the molecular determinants underlying responsiveness to pharmacologic and non-pharmacologic interventions.

Optional letters of intent are due 30 days prior to application date. Applications are due February 21, 2025. Multiple awards expected.

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

Limited Competition: High Impact Specialized Innovation Programs in Clinical and Translational Science for UM1 CTSA Hub Awards (RC2 Clinical Trials Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support the development and demonstration of unique hub capabilities, research platforms and/or resources to address promptly critical gap areas and/or roadblocks in clinical and translational science at awarded UM1 Clinical and Translational Science Awards (CTSA) Program Hubs (PAR-24-272). Successful programs supported through this funding opportunity are expected to lay a strong foundation for future adoption and/or dissemination of capabilities to additional CTSA Program Hubs.

Optional letters of intent are due 30 days prior to application due dates. Applications are due March 13, 2025; then late May, September, and January through September 29, 2026. Multiple awards expected.

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

Limited Competition: Mentored Research Career Development Program Award in Clinical and Translational Science Awards (CTSA) Program (K12 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice encouraging institutions to propose creative and innovative institutional research career development programs designed to prepare an outstanding broadly-experienced pool of promising later-stage postdoctoral fellows and junior faculty scholars who have committed to independent clinical and translational science research careers (i.e., tenure-track or equivalent faculty positions) to facilitate their timely career advancement and continued engagement in research (i.e., sectors including academia, industry, nonprofit and government).

Applications are due March 13, 2025; then late May, September, and January through September 29, 2027. Multiple awards expected.

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

NIAMS Clinical Trial Implementation Cooperative Agreement (UG3-UH3 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for implementation of investigator-initiated, single or multi-site, interventional clinical trials (all phases). Investigators who have completed all necessary preparation (e.g., the trial design, protocol synopsis, data analysis plan, etc.) through other means may apply for a NIAMS UG3/UH3.

Proposals are due March 4, 2025, July 2, 2025, and November 4, 2025.

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

NIDCR Small Research Grants for Oral Health Data Analysis and Statistical Methodology Development (R03 Clinical Trial Not Allowed)

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

Notice seeking proposals for meritorious research projects that involve secondary data analyses of existing oral or craniofacial database resources, or that develop needed statistical methodology for analyzing existing dental, oral or craniofacial databases.

Applications are due February 16, 2025. Awards are up to \$200,000.

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

Single-Site Investigator-Initiated Clinical Trials (R61-R33 Clinical Trial Required)

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

Notice seeking proposals to develop and implement investigator-initiated single site clinical trials including efficacy, comparative effectiveness, pragmatic and/or implementation research clinical trials. Trials using innovative designs such as platform trials, adaptive, and Bayesian designs are encouraged. These trials may include ones that test different therapeutic, behavioral, and/or prevention strategies.

Proposals are due February 11, 2025 and June 11, 2025.

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

Small Business Informatics Tools for the Pangenome (R41 and R43 Clinical Trial Not Allowed)

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

Notice seeking proposals from eligible small business concerns (SBCs) for the development of informatics tools with commercial potential to facilitate uptake and scientific use of the human pangenome reference whose development is supported by the NHGRI Human Genome Reference Program (HGRP).

Optional letters of intent are due February 3, 2025. Applications are due March 3, 2025. Awards are up to \$400,000.

LINKS: [Grants.gov \(R41\)](#); [Grants.gov \(R43\)](#)

Transformative Research to Address Health Disparities and Advance Health Equity (U01 Clinical Trial Optional)

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

Notice seeking proposals to support unusually innovative intervention research addressing social determinants of health (SDOH) which, if successful, would have a major impact on preventing, reducing, or eliminating health disparities and advancing health equity.

Proposals are due February 28, 2025. An estimated \$3 million is available to fund four to six awards.

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

Black Lung Data and Resource Center and Clinics Program
U.S. Department of Health and Human Services, Health Resources and Services Administration

Notices seeking proposals for one resource center and multiple clinics to reduce the morbidity and mortality associated with occupation related coal mine dust lung disease, also known as black lung disease. Clinics provide medical services, outreach services, educational services, and benefits counseling services.

Proposals are due February 11, 2025. An estimated \$12 million is available to fund 15 Clinics Program grants (one award per service area) and up to \$135,000 per year is available for one Data and Resource Center grant. Both project types can last up to five years. An informational webinar will be held December 18 - see the solicitations for details.

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

Field Initiated Projects Program: Minority-Serving Institutions (MSI) - Research and Development
U.S. Department of Health and Human Services

Notices seeking proposals from MSIs for research or development projects to maximize the full inclusion and integration into society, employment, independent living, family/caregiver support, and economic and self-sufficiency of people with disabilities, especially people with the greatest support needs. Projects should also improve the capacity of MSIs to conduct high-quality disability and rehabilitation research and development.

Proposals are due March 17, 2025. Optional letters of intent are due January 16, 2025. An estimated two Research and two Development awards of up to \$250,000 per year are available to support projects lasting up to three years. Eligibility is limited to MSIs.

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

Institutional Training Programs to Advance Translational Research on Alzheimer's Disease (AD) and AD-Related Dementias (ADRD) (T32 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to enable the development of a diverse, translational research workforce capable of participating and/or leading cross-disciplinary team science programs focused on advancing translational research for Alzheimer's disease (AD) and AD-related dementias (ADRD). This program will support institutional training programs for predoctoral and postdoctoral level researchers from various educational backgrounds (i.e., basic biology, translational and clinical research, data science, and behavioral research). The program invites eligible institutions to develop interdisciplinary training programs that will provide trainees with the knowledge and skills necessary to conduct rigorous and cutting-edge basic, translational, behavioral, population-based, and clinical research for AD/ADRD.

Proposals are due May 25 and September 25 annually until September 26, 2026. An estimated \$2.7 million is available to fund three to five awards each year.

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

Integrating Biospecimen Science Approaches into Clinical Assay Development (U01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for extramural research to investigate and mitigate challenges facing clinical assay development and subsequent analytical validation due to preanalytical variability in tumor tissue

biopsies, blood biospecimens utilized as liquid biopsies", or other biospecimens. Research may include investigations of preanalytical variability associated with the procurement and study of small biopsies (core biopsies, small excision samples), blood utilized for "liquid biopsies", tissue swabs, tissue secretions, pleural and esophageal aspirates, feces, or bodily fluids like sweat, urine, cerebrospinal fluid, breast milk and saliva. Investigator-designed experiments will explore how different biospecimen preanalytical conditions affect emerging and clinically relevant biomarkers quantified by a variety of testing platforms.

Proposals are due February 4, June 4, and September 10 annually until September 11, 2027. Award amounts are up to \$250,000 per year for projects up to five years.

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

Model Continuums of Care Initiative (MCCI) to Advance Health Equity and End Health Disparities Among Women and Girls in Racial, Ethnic Minority and Other Underserved Communities (U34 Clinical Trials Required)

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

Notice seeking proposals for the planning phase of the Model Continuums of Care Initiative (MCCI) to Advance Health Equity and End Health Disparities Among Women and Girls in Racial/Ethnic Minority and Other Underserved Communities. MCCI is a multi-institutes, centers and offices dissemination and implementation science initiative to advance health equity and end health disparities in racial/ethnic minority women and girls of reproductive age. Specifically, the Model Continuums of Care Initiative will apply the latest dissemination and implementation science approaches to significantly reduce the prevalence and impact of multi-morbidity among racial/ethnic minority women and girls of reproductive age at risk and living with mental health disorders, substance use disorders, chronic stress, cardiopulmonary diseases, common metabolic disorders (e.g., diabetes), cancer, and HIV/AIDS.

Proposals are due February 19, 2025. Award amounts vary with a maximum three-year project period.

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

Risk and Protective Factors of Family Health and Family Level Interventions (R01 Clinical Trial Optional)

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

Notice seeking proposals to advance the science of minority health and health disparities by supporting research on family health and well-being and resilience. The NIMHD Research Framework recognizes family health, family well-being, and family resilience as critically important areas of research to decrease disparities and promote equity.

Proposals are due February 5, June 5, and October 5 annually until May 8, 2027. Award amounts may vary.

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

Meeting of the Advisory Committee on Minority Health
HHS, HHS

Notice announcing a virtual public meeting. The committee advises the Deputy Assistant Secretary for Minority Health on ways to improve the health of racial and ethnic minority populations, and on the development of goals and program activities within the Office of Minority Health.

The meeting will be held January 16, 2025 from 2 p.m. to 3 p.m. EST. Registration is required by January 14, 2025.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Army AI Innovation Institute (A2I2)
Defense

Notice seeking white papers in new technologies and translational research-based approaches in two research areas: Command and Control (C2), and Large Pre-Trained Models (LPTM).

White papers are due January 31, 2025.

LINKS: [Contract Opportunities](#)

Bipartisan Infrastructure Law (BIL), Provision 41007 (b)(2), Wind Turbine Technology Recycling
Energy

Notice seeking proposals to accelerate the acceptance of recycling and reuse of wind energy materials. By increasing the utilization of recycled and reused materials, carbon emissions and other negative resource impacts related to new component manufacturing can be reduced or eliminated.

Proposals are due February 11, 2025. An estimated \$20 million is available to fund up to seven awards.

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

Chemical Evolution of the Solid Earth and Volcanology
National Science Foundation

Notice seeking proposals to advance fundamental knowledge about the origin and evolution of our home planet including its core, mantle, and continental crust. The program encourages a wide range of laboratory, field, experimental, theoretical, and/or computational studies that explore the continuous high-temperature igneous and metamorphic geochemical and petrologic processes that shape the Earth. Volcanology and magmatic processes, ore deposits and economic geology, and geochronology are all in the purview of this program.

Proposals are accepted at any time. An estimated \$18 million is available to fund 60 awards.

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

HARMONY: Human-Centric Analytics for Resilient & Modernized Power sYstems
Energy

Notice seeking proposals to enhance grid reliability and resilience in the face of growing uncertainties and in the age of big data to accelerate pathways towards DOE grid modernization goals.

Required concept papers are due January 27, 2025. Proposals are due March 20, 2025. An estimated \$6.25 million is available to fund up to five awards.

LINKS: [Grants.gov](#)

Neutralization In Challenging Environments Using Lethal Effects (NICELE)
Defense

Notice seeking proposals to explore and exploit novel deep water mine prosecution and neutralization technologies. The program will pursue efforts in Remotely Operated Vehicle (ROV) and diver teaming, target sensing and localization, energetic tools and reactive tools for operations at depth.

Proposals are due May 12, 2025. Recommended white papers are due March 20, 2025.

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

Operational Test and Training Infrastructure (OTTI) Commercial Solutions Opening (CSO) Defense

Notice seeking proposals for innovative capabilities, solutions, and technological advancements for the OTTI Enterprise to include but not limited to space test, training, exercises, wargaming, ranges, systems, physical/live environments, synthetic/virtual environments, infrastructure, and sustainment of capabilities. It is seeking innovative solutions that combine advanced Electro-Optical (EO) technology solutions and expertise to inform beyond state-of-the-art sensitivity, resolution, and data processing techniques using a 1-meter class COTS telescope.

Required white papers and PowerPoints are due January 21, 2025 to the contact.

LINKS: [Contract Opportunities](#)

Systems Biology Research to Advance Bioenergy Crop Production Energy

Notice seeking proposals for: i. Systems-level research to improve understanding of the molecular mechanisms underlying bioenergy feedstock productivity under varied and at times suboptimal environmental conditions; and ii. Systems biology-enabled investigations into the roles of microbes and microbial communities (including rhizosphere consortia, e.g. bacteria, fungi, diazotrophs, endophytes, viruses) in supporting plant productivity and vigor.

Required pre-applications are due January 17, 2025. An estimated \$75 million is available to fund 5 to 15 awards.

LINKS: [Grants.gov](#)

EPSCoR Research Infrastructure Improvement Program: EPSCoR Collaborations for Optimizing Research Ecosystems (E-CORE) National Science Foundation

Notice seeking proposals to assist jurisdictions in building significant and sustainable research capacity and research infrastructure for targeted areas of focus, hereinafter referred to as “cores,” that underlie a jurisdiction’s research ecosystem. Based on the evidence-based and self-identified needs of a jurisdiction, the types of cores supported by E-CORE may include (but are not limited to) development, enhancement, and/or ensuring the sustainability of: research administration; research facilities and infrastructure (including cyberinfrastructure); STEM education (K-12) pathways; higher education pathways; early career investigator pathways; broadening participation; workforce development; national and global partnerships; community engagement and outreach; technology transfer; economic development; and use-inspired research pathways.

Proposals are due July 15, 2025, and subsequently on the third Tuesday in July thereafter. An estimated 15 new awards are anticipated each year, for four-year projects up to \$10,000,000.

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

EPSCoR Research Infrastructure Improvement: EPSCoR Research Incubators for STEM Excellence (E-RISE)

National Science Foundation

Notice seeking proposals within the chosen research area that will lead to development and implementation of sustainable broad networks of individuals, institutions, and organizations, and that will transform the science, technology, engineering and mathematics research capacity and competitiveness in a jurisdiction. E-RISE is particularly interested in proposals that justify exploring emerging or interdisciplinary research areas with high potential impact. E-RISE projects must have a clearly articulated research goal that will lead to new knowledge by addressing a clear hypothesis or problem. E-RISE projects should promote (i) areas of research capacity-building within a chosen research topic; (ii) development of a skilled workforce that is relevant to the research topic, as well as the project and its outcomes; (iii) a culture of collaboration and engagement across different types of academic institutions and organizations, as well as non-academic sectors (e.g., industry and government); (iv) integration of the research with societal impacts; and (v) a clear sustainability plan to preserve the resulting research incubator's team and products beyond E-RISE funding.

Proposals are due August 12, 2025 and subsequently the second Tuesday annually thereafter. An estimated 15 new awards are expected each year. Awards up to \$8,000,000 for a project at least four years with the possibility to renew for an additional three years.

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

Integrated Research, Education, and Extension Competitive Grants Program – Organic Transitions
U.S. Department of Agriculture

Notice seeking proposals to support the development and implementation of research, extension and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices.

Proposals are due March 6, 2025. An estimated \$7.5 million is available for awards ranging from \$5,000 to \$1 million.

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

Program Announcement for Artificial Intelligence Exploration (AIE)
Defense

Notice announcing a program that will fund research that explores artificial intelligence through a series of solicitations.

Future funding opportunities will be released as individual solicitations under this program.

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

ROSES 2024: A.48 Commercial Satellite Data Earth Science Research and Applications
National Aeronautics and Space Administration

Notice seeking proposals for Earth science research and applications based on observations acquired by NASA's Commercial Satellite Data Acquisition that contribute to the objectives and key results described in NASA's [Earth Science to Action strategy](#).

Step-1 proposals are due January 31, 2025. An estimated \$4 million is available to fund 15 to 25 awards to support projects lasting up to two years.

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

ROSES 2024: A.65 Responsive Science Initiatives Research
FON: NNH24ZDA001N-RSIR
National Aeronautics and Space Administration

Notice seeking research proposals required to address societal challenges in three thematic areas: 1) understanding and forecasting zoonotic disease events; 2) minimizing contrails in commercial aviation; and 3) downscaling earth system models to address regional and local challenges. Proposal must be based on satellite remote sensing observations, begin from application readiness level 1-3; and describe how the research leads to an application for a specific user. Proposers are encouraged to involve end users as appropriate, and innovative uses of AI are encouraged.

Notices of Intent are requested by January 24, 2025. Proposals are due March 25, 2025. An estimated \$6 million is available to fund 15 to 20 awards.

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

Sea Grant Programs Only - FY2025 Enhancing Knowledge of Aquaculture Technologies, Practices, and Businesses
Commerce

Notice seeking proposals to enhance knowledge of aquaculture technologies, production practices and systems, businesses, or other associated topics pertinent to the species or species group of interest to participants.

Proposals are due March 26, 2025. An estimated \$500,000 is available to fund multiple awards of up to \$75,000 each are available. Eligibility is limited to Sea Grant College Programs, Sea Grant Institutional Programs, and Sea Grant Coherent Area Programs but colleges and universities may collaborate.

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

WaterSMART Applied Science Grants
Interior

Notice seeking proposals to improve access to and use of hydrologic data, develop and improve water management tools, improve modeling and forecasting capabilities. Results from these projects will be used by water managers to increase water supply reliability, provide flexibility in water operations, improve water management, and support nature-based solutions.

Proposals are due February 10, 2026. An estimated \$10 million is available to fund multiple awards of up to \$400,000. Colleges and universities must partner with states, tribes, or other organizations with water or power delivery authority. A cost share of 25 or 50% is required.

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

Agency Information Collection Activities: Comment Request; National Science Foundation Proposal Award Information-NSF Proposal and Award Policies and Procedures Guide
National Science Foundation

Notice seeking comments on a draft revised NSF Proposal and Award Policies and Procedures Guide. The draft is available at <https://www.nsf.gov/bfa/dias/policy/>.

Comments are due by February 10, 2025.

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