

UNO FOCUS:

LaDIA Faculty Fellowship
Louisiana Sea Grant

Louisiana Sea Grant is now soliciting applicants for the next class of LaDIA Faculty Fellows. This unique opportunity seeks to build the research capacity of Louisiana university researchers by providing opportunities for research communication training and community engagement. Fellowship consists of two separate retreats. Faculty can attend one or both. Activities will be different in each session, and will not build on previous content. Each retreat is two full days.

For the first time, this Faculty Fellowship is open to ALL faculty at Louisiana colleges and universities. Application instructions are available on the website. The deadline to apply is November 18, 2024.

LINKS: [LaDIA Fellowships](#)

RockOn 2025
NASA

RockOn! is a hands-on workshop teaching participants how to create a sounding rocket experiment from scratch over a 5-day period and then launching it into space on the 6th day of the workshop. This is a team experience and takes place at Goddard Space Flight Center Wallops Flight Facility on the Eastern Shore of Virginia. The workshop is designed for college students and faculty. There are no prerequisites for participants. The workshop is scheduled from June 20-25, 2025 with launch expected on June 26, 2025.

Applications are due by February 14, 2025.

LINKS: [RockOn](#)

ARTS, HUMANITIES, and INTERNATIONAL

International Capacity Development for Weather and Climate Observations and Forecasting and Disaster Risk Reduction
Commerce

Notice seeking proposals to support capacity building in developing and least developed countries to improve hydrometeorological observations and forecasting for multiple hazards, including tsunamis, in order to reduce the socio-economic impacts of hydrometeorological-related risks to ensure sustainable development.

Proposals are due November 29, 2024. An estimated \$15 million is available to fund multiple awards.

LINKS: [Grants.gov](#)

Preservation Assistance Grants for Smaller Institutions
National Endowment for the Humanities

Notice accepting applications from small and mid-sized institutions that have never received an NEH grant. Preservation Assistance Grants help small and mid-sized organizations preserve and manage humanities collections, ensuring their significance for a variety of users, including source communities, humanities researchers, students, and the public, by building their capacity to identify and address physical and intellectual preservation risks.

Applications are due January 9, 2025. Awards are up to \$10,000.

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

Resilience of Information Space, Responsible Technology Practices, Responsible Cyberspace and Digital Ecosystems, and Points of Entry Sec State

Notice seeking Statements of Interest from organizations interested in strengthening information resilience, cybersecurity, responsible technology practices, and security of points of entry in the Middle East and North Africa (MENA) region.

Statements of interest are due October 31, 2024.

LINKS: [Grants.gov](#)

Youth Cyber Awareness and Cyber Safety State

Notice seeking proposals for one or both of the two programs: Comprehensive Youth Cyber Awareness and Safety Messaging Campaign with Influencers and Tech Forum on Cybersecurity.

Proposals are due December 15, 2024. An estimated \$117,000 is available to fund up to six awards.

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

Request for Information - USAID Livestock Systems Research for Development Agency for International Development

Notice seeking feedback for a planned research activity focused on livestock systems research for development. As USAID looks to the future of investments in research for development efforts focused on livestock systems, input from implementing partners, local organizations, researchers, NGOs and other interested stakeholders provides an opportunity for more coordinated, demand-driven, and effective research.

Responses are due November 1, 2024.

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

RESTORE Act Grant Programs
Commerce

Three notices seeking proposals from states and, for some opportunities, county government for projects that restore and protect natural resources, ecosystems, marine and wildlife habitats, beaches, and coastal wetlands; build related infrastructure; support workforce development; and more, in the Gulf Coast Region. Applications are also sought for Centers of Excellence Research Grants. See [website](#) for details.

Proposals are accepted on a rolling basis until October 31, 2025 as long as funds are available. Award numbers and amounts vary per solicitation. Eligibility is limited to states and, in some opportunities, counties. Colleges and universities may collaborate.

LINKS: [Grants.gov \(GR-RDC-25-001\)](#); [Grants.gov \(GR-RDC-25-002\)](#); [Grants.gov \(GR-RCE-25-001\)](#)

The Educational Component of the National Cooperative Geologic Mapping Program

Interior

Notice seeking proposals from applicants for graduate and undergraduate research projects involving all activities relevant to the creation of geologic maps defined broadly as: all maps that characterize the solid Earth and/or its constituents. These cooperative agreements should aim to expand the research and educational capacity of national academic programs that teach Earth science students the broad range of techniques relevant to geologic mapping and the analysis of field, geophysical, borehole, and remote sensing data.

Proposals are due January 14, 2025. Multiple awards are anticipated, and a funding match is required.

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

Tribal Colleges and Universities Planning for Clean Energy - 2025 Energy

Notice seeking proposals to fund clean energy planning activities, which may include, but are not limited to: (1) Strategic energy planning; (2) Conducting an energy options analysis; (3) Conducting energy audits to establish baseline energy use and energy efficiency options; (4) Developing an energy organization or office; (5) Conducting climate resiliency planning; (6) Establishing energy policy, regulations, or codes to reduce energy use or promote energy development; and, (7) Obtaining skills and training related to energy use, development, or management. Applicants may propose a single eligible planning activity, multiple planning activities, or all eligible activities.

Proposals are due December 18, 2024. An estimated 35 awards ranging from \$100,000 to \$350,000 each are available. Eligibility is limited to tribal colleges and universities but other colleges and universities may collaborate.

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

White House Environmental Justice Advisory Council; Notification of Public Meeting Environmental Protection Agency

Notice announcing a meeting of the White House Environmental Justice Advisory Council (WHEJAC) scheduled to discuss workgroup activities, panel discussions, updates from the White House Council on Environmental Quality and other federal agencies, and new formal charges for the WHEJAC. Comments are also sought from the public in five topic areas: 1) improving EJ.gov; 2) the National Science and Technology Council (NSTC) Environmental Justice Science, Data, and Research Plan; 3) Place-Based and Community-Focused Initiatives; 4) The Environmental Justice Scorecard; and improving access to and awareness of the Justice40 Initiative.

The meeting will be held October 9, 2024 from 9:00 a.m. to 8:00 p.m. CT. Registration details are available at the [agency site](#). Email comments for the public record to the contact by October 23, 2024.

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

Coastal Zone Management Projects of Special Merit Competition - FY2025 Commerce

Notice seeking proposals for the opportunity to develop innovative projects that further approved enhancement area strategies and focus on the following national enhancement area priorities: Coastal Hazards, Ocean and Great Lakes Resources, and Wetlands.

Proposals are due January 17, 2025. Awards are up to \$250,000. Collaborative opportunities exist for colleges and universities.

LINKS: [Grants.gov](#)

Solid Waste Management Grant Program
U.S. Department of Agriculture

Notice seeking proposals to evaluate current landfill conditions to determine threats to water resources; provide technical assistance and/or training to enhance operator skills in the operation and maintenance of active landfills; provide technical assistance and/or training to help communities reduce the solid waste stream; provide technical assistance and/or training for operators of landfills which are closed or will be closed in the near future with the development and implementation of closure plans, future land use plans, safety and maintenance planning, and closure scheduling within permit requirements.

The proposal window is October 1 to December 31 annually. Awards are up to \$1 million.

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

Technical Assistance and Training Grant Program
U.S. Department of Agriculture

Notice seeking proposals to provide technical assistance and training to identify and evaluate solutions to water and waste problems, help communities prepare applications for water and waste disposal loans and grants, assist with improving the management, operation, maintenance and sustainability of water and waste facilities in eligible rural areas, address contamination of drinking and surface water supplies by emerging contaminants, and pay certain expenses associated with the provision of such services.

Proposals are due December 31, 2024. An estimated \$35 million is available to fund multiple awards.

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

Request for Information for Recommendations on Improving Data User Experiences Through a National Center for Education Statistics' 2025 Data Users Conference
Education

Notice soliciting public input on the framework for an inaugural Data Users Conference. The event will bring together a diverse set of NCES data users, including researchers, practitioners, parents/guardians, students, academic and commercial leaders in their fields, and policymakers. Their input will be used to refine NCES's approach to meeting the needs of its data users.

Comments must be made by October 31, 2024.

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

HEALTH and MENTAL HEALTH

Advancing Health Equity through Interventions to Prevent and Address Housing Instability (R01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support for research that advances health equity through development, testing, and evaluation of interventions that prevent and address housing instability. NINR is interested in applications that focus on social determinants of health (SDOH) interventions that modify housing opportunities and/or interventions that address housing instability as a social risk by addressing individual and/or interpersonal-level housing needs.

Proposals are due December 13, 2024. Optional letters of intent are due November 13, 2024. Awards are up to \$500,000.

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

Amyotrophic Lateral Sclerosis (ALS) Intermediate Patient Population Expanded Access (U01 Clinical Trial Required)

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

Notice seeking proposals to conduct scientific research utilizing data from expanded access (EA) for investigational drugs or biological products. These applications will target EA for intermediate size populations of people living with amyotrophic lateral sclerosis (ALS) who are not eligible for ongoing clinical trials for the prevention, diagnosis, mitigation, treatment, or cure of ALS.

Proposals are due January 24, 2025. An estimated \$35 million is available to fund up to five awards to support projects lasting up to four years.

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

Behavioral & Integrative Treatment Development Program (R01 Clinical Trial Optional)

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

Notice seeking research grant proposals on the development and testing of behavioral and integrative treatments for drug and alcohol use, misuse, and dependence.

Proposals are due February 5, 2025. Optional letters of intent are due 30 days before application due date.

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

NICHD Resource Program Grants in Bioinformatics (P41 Clinical Trial Not Allowed)

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

Notice seeking proposals to support for the continued operation, maintenance, and dissemination of unique knowledge, data, and/or bioinformatics resources that are of major importance to the research community using animal models of embryonic developmental processes. These grants will support ongoing development and enhancement of the resources, user training and services, provision of community generated data storage and curation, wide dissemination of the tools and/or resources, and expansion of interoperability with other NIH bioinformatics resources.

Proposals are due January 25, May 25, and September 25 annually through 2027. Optional letters of intent are due 30 days prior to the application due dates.

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

Analytical Validation of a Candidate Biomarker for Neurological or Neuromuscular Disorders (U01 Clinical Trial Optional)

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

Notice seeking proposals to support rigorous analytical validation of method(s) used for measuring biomarkers for neurological and neuromuscular disorders for use in clinical trials or clinical practice. Applicants must justify the unmet need for the biomarker(s) and measurement methods and specify one or two context(s) of use for the biomarker(s).

Proposals are due February 21, 2025 and June 20, 2025. Program expires June 23, 2026.

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

Biomedical Research Facilities (C06 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to apply for funding to modernize existing or construct new biomedical research facilities. Applications will be accepted from public and private nonprofit institutions of higher education, as well as from non-profit research organizations.

Proposals are due January 27, 2025.

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

Blueprint Neurotherapeutics Network (BPN): Biologic-based Drug Discovery and Development for Disorders of the Nervous System (Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals providing funding, resources, and expertise to accelerate the development of diverse biotherapeutic modalities — including but not limited to antibodies, peptides, proteins, oligonucleotides, gene therapies, cell therapies, and other emerging therapeutic modalities — for the treatment of nervous and neuromuscular system disorders.

Optional letters of intent are due 30 days prior to proposal due date. Proposals are due January 15 (January 27 in 2025) and July 15 annually until August 19, 2027.

LINKS: [Grants.gov \(UG3/UH3\)](#); [Grants.gov \(U44\)](#)

Discovery and Development of Natural Products for Cancer Interception and Prevention (UG3-UH3 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support the discovery and development of novel natural products that are safe, non-toxic, and efficacious for cancer interception and prevention. The UG3 phase will provide up to three years of support for milestone-driven initial target selection, verification of the target in clinical samples and preclinical in vivo studies, assay development, and/or assay validation for target activity, as well as on-target toxicity screening, and pilot screening of natural agents.

Optional letters of intent are due 30 prior to proposal due date. Proposals are due June 13, 2025.

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

Mitochondrial-associated Mechanisms of Neuropathological and Immunodeficient Aging in the Context of HIV and SUD (R01 and R21 Clinical Trials Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to promote research investigating protective and pathogenic mechanisms at the nexus of mitochondria function and aging in the context of HIV infection and exposure to addictive substances. We anticipate this foundational knowledge could be leveraged to develop targeted therapies and improve outcomes in people aging with HIV, substance use and addiction. Awards mechanisms included are [R01](#) and [R21](#).

Proposals are due March 10, 2025. An estimated \$3 million is available to fund three to six awards.

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

NIH Support for Conferences and Scientific Meetings (Parent R13 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals supporting high quality conferences that are relevant to the public health and to the scientific mission of the participating Institutes and Centers.

Proposals are due April 12, August 12, and December 12 annually through September 8, 2027.

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

Research Experiences and-or Mentoring Networks through Research Education to Enhance Clinician-Scientists' Participation in NIDCDs Research (R25 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support research education activities in the mission areas of the NIH. The overarching goal of this R25 program is to support educational activities that help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences.

To accomplish the stated over-arching goal, this NOFO will support educational activities with a primary focus on: Research Experiences and Mentoring Activities.

Proposals are due January 29 and September 29, annually through September 30, 2027.

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

Scaling-up and Maintaining Evidence-based Interventions to Maximize Impact on Cancer (SUMMIT)- Lung Cancer Screening (UG3-UH3 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to advance the science of scale-up and sustainment of lung cancer screening (LCS) for populations at high risk for lung cancer. Each Research Project will propose a trial to test implementation strategies to equitably and effectively scale-up and sustain the delivery of LCS to a large number of diverse clinical care delivery settings and populations at high risk for lung cancer, with an emphasis on populations experiencing health inequities.

Optional letters of intent are due 30 days prior to the proposal due date. Proposals are due December 6, 2024.

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

Announcement of Solicitation of Written Comments on Proposed Healthy People 2030 Objectives
U.S. Department of Health and Human Services

Notice seeking written comments from the public on 12 new objectives proposed to be added to Healthy People 2030, and written comments from the public proposing additional new core, developmental, or research objectives or topics to be included in Healthy People 2030. HHS will provide opportunities for public input periodically throughout the decade to ensure Healthy People 2030 reflects current public health priorities and public input.

Comments are due October 31, 2024.

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

Albatross
Defense

Notice seeking research abstracts to address challenges in the following technical area: Integrated planning, sensing, and control for autonomous soaring to extend range and endurance of small uncrewed aerial systems.

Required abstracts are due October 17, 2024. Questions are due October 17, 2024. Invited oral proposals are due December 5, 2024.

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

Atmosphere Cluster
National Science Foundation

Notice seeking research proposals for fundamental studies of atmospheric processes from the Earth's surface to the stratosphere, and from timescales of nanoseconds to millennia. Core areas of research include the chemical, physical, and dynamical processes in the atmosphere that impact clouds, weather, climate, air quality, and the water cycle. Research methods include modeling, collecting observations, conducting experiments in the laboratory and field, and advancing analytical measurement techniques.

Proposals are accepted anytime.

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

Defense Sciences Office BAA
Defense, Defense

Notice seeking innovative proposals that investigate innovative approaches that enable revolutionary advances in science, devices, or systems for national security applications. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. This announcement seeks revolutionary research ideas for topics not being addressed by ongoing DSO programs or other published solicitations.

Abstracts and proposals can be submitted on a rolling basis until September 26, 2025. Award amounts will vary.

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

FY25 Dr. Nancy Foster Scholarship Program
Commerce

Notice seeking proposals for the Dr. Nancy Foster Scholarship Program. The program especially encourages women and members of minority groups to apply. Students should align the research proposal with the Science Needs Assessment of the Office of National Marine Sanctuaries. NOAA recognizes the student's need to ensure that scholarly research, which is often hypothesis-based, addresses critical gaps in knowledge about ecological processes, physiological mechanisms, evolutionary underpinnings, human behaviors, preferences and values, and related areas. The nature of the NOAA Office of National Marine Sanctuaries' research, as well as interactions with sanctuary staff and partners with similar goals, can help students fulfill their degree requirements through work benefiting not only national marine sanctuaries, but marine conservation more broadly and ecosystem science as a whole. In addition to natural resource studies, scholars may investigate socioeconomic, maritime archaeological and maritime heritage resource studies in national marine sanctuaries.

Required pre-proposals are due October 31, 2024. Students will be invited to submit a full proposal, which is due February 14, 2025.

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

Geospace Cluster
National Science Foundation

Notice seeking proposals for fundamental and solutions-oriented research, technology development and education related to the Earth's near-space environment (including the mesosphere, thermosphere, ionosphere, exosphere, magnetosphere and radiation belts) and the inner heliosphere and solar atmosphere. Funded research advances knowledge of the Sun--Earth system, including how various parts of the system are coupled through dynamical, electrodynamical and chemical processes. Awards may also support research on the societal impacts of these processes including space weather and upper atmosphere climate change, with the aim of increasing resilience to such natural hazards.

Proposals are accepted anytime.

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

Infrastructure Cluster
National Science Foundation

Notice seeking proposals to collaborate with the NSF National Center for Atmospheric Research in Boulder, Colo., and NSF labs and facilities devoted to geospace research.

Proposals accepted anytime.

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

Oxygen-conducting SOFC and SOEC Research and Development for Hydrogen Production
Energy

Notice seeking proposals to fund projects to develop low-cost, thermodynamically stable, high-temperature, oxygen-conducting, Reversible Solid Oxide Fuel Cells systems.

Proposals are due December 2, 2024. An estimated four awards of up to \$750,000 and two awards of up to \$500,000 each are available, depending on project type. A cost share of 20 percent is required.

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

U.S. Wave Energy Open Water Testing
Energy

Notice seeking applications to significantly accelerate the design, fabrication, and testing of multiple wave energy converters. This FOA will support projects across three topic areas focused on advancing wave energy research, development, and demonstration (RD&D) to move the wave energy industry toward commercialization for distributed, community, and utility applications.

Required concept papers are due October 25, 2024. Proposals are due January 30, 2025. Up to \$112.5 million is available. Colleges and universities can be subrecipients.

LINKS: [Grants.gov](#)

NASA Heliophysics Advisory Committee
National Aeronautics and Space Administration

Notice seeking participants in a virtual public meeting. The agenda includes an annual performance review of the Heliphysics program, and an update from the division.

The meeting will take place October 22-24, 2024. See Federal Register link for daily meeting links. See Agency Site for meeting documents.

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

Public Meeting of the Environmental Financial Advisory Board
Environmental Protection Agency

Notice seeking participants in a public meeting. The advisory committee provides advice and recommendations to EPA on innovative approaches to funding environmental programs, projects, and activities. Administrative support for the EFAB is provided by the Water Infrastructure and Resiliency Finance Center within EPA's Office of Water.

The meeting will be held October 15-16, 2024. Participants must register to attend by October 7, 2024 by visiting: www.epa.gov/waterfinancecenter/efab#meeting

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

Networking and Information Technology Research and Development Request for Information on a National Plan for Cyber-Physical Systems Resilience
National Science Foundation

Notice seeking public input to shape a whole-of-government effort on research and development that will strengthen resilience of cyber-physical systems, which rely on computing technologies for sensing, analysis, tracking, controls, connectivity, coordination, and human-system interaction. Potential threats to resiliency may include cybersecurity, physical threats, natural disasters including extreme weather events or other hazards such as earthquakes, and the potential for adversary use of AI to disrupt systems as well as deceive human operators of critical infrastructure systems. Examples of domains and application of interest include but are not limited to critical infrastructure and systems for energy, transportation, medical, agriculture, water, space, and manufacturing.

Submit information to the contact by October 26, 2024.

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

Switchable Reactives and Energetics (SeREne) Disruption Opportunity (DO) Information Session
Defense

Notice seeking participation in an information session webcast to provide information to potential proposers on the objectives of the anticipated Switchable Reactives and Energetics Disruption Opportunity.

The information session will be held October 7, 2024, from 1:00 p.m. to 2:00 p.m. (ET) via Teams. Register to attend by October 4, 2024 at <https://events.sa-meetings.com/SeREneInfoSession>.

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

Carderock BAA
Defense

Notice seeking proposals directed toward student or faculty general research projects where the focus is in the areas of: Digital Ecosystems, Hydrodynamics, Naval Platform Integrity, Ship, Boat, and Submarine Design, Signature Management, Unmanned Systems, and other technology areas.

Optional white papers are due November 15, 2024. Proposals are due by February 28, 2025. Awards are up to \$500,000.

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

Department of Army Energetics Basic Research Center (EBRC)
Defense

Notice seeking proposals for basic research that focuses on areas of strategic importance to U.S. national security. It seeks to increase the Army's intellectual capital in energetic materials (EM) and improve its ability to address future challenges. The EBRC brings together universities, research institutions, companies, and individual scholars and supports multidisciplinary and cross-institutional projects addressing specific topic areas determined by the Department of the Army (DA).

Required white papers are due January 6, 2025. Invited full proposals are due April 7, 2025. Awards are up to \$500,000.

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

Fundamental Research to Counter Weapons of Mass Destruction
Defense

Notice soliciting ideas and topic-based pre-application white papers for long-term challenges that offer a significant contribution: to the current body of knowledge, to the understanding of phenomena and observable facts, to significantly advance revolutionary technology, to new concepts for technology application, or that may have impact on future C WMD threat reduction, expertise, or capabilities.

Applicants must contact the program officers prior to submitting white papers. White paper may be submitted at any time until September 30, 2034.

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

FY 2025 Continuation of Solicitation for the Office of Science Financial Assistance Program
Energy

Notice seeking proposals for support of work in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, Nuclear Physics, Isotope R&D and Production, and Accelerator R&D and Production.

Proposals are due September 30, 2025. An estimated \$500 million is available to fund 200 to 350 awards.

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

FY25 Long Range Broad Agency Announcement (BAA) for Navy and Marine Corps Science and Technology
Defense

Notice seeking proposals for Long-Range S&T Projects that offer potential for advancement and improvement of Navy and Marine Corps operations.

Proposals are accepted at any time until September 30, 2025.

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

Nuclear Reactor Safety Training and Workforce Development Program
Energy

Notice seeking proposals to provide funding to support the development of nuclear reactor safety training and workforce development programs. To meet the needs of an expanding nuclear reactor fleet, the nuclear energy workforce is estimated to require 375,000 additional trained workers to research, design, build, maintain, and operate new reactors, while maintaining the current nuclear reactor fleet.

Proposals are due January 14, 2025. An estimated \$100 million is available to fund multiple awards. 50 percent cost share is required.

LINKS: [Grants.gov](#)

Safe and Assured Foundation Robots for Open Environments (SAFRON)
Defense

Notice seeking proposals for investigations into innovative methods and approaches that will lead to assurances about the behavior of robots that use foundational models (FMs), with particular emphasis on robots (of any type) that receive commands in natural language; operate in unstructured, open-world environments; and/or incorporate the FM in closed-loop decision making. Methods and approaches may consider all phases and components of the design and training of the FM and the FM-enabled robot as a system. This is an ARC opportunity.

Abstracts are due January 13, 2025. The maximum award amount \$300,000. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

Seeding Critical Advances for Leading Energy Technologies with Untapped PotentialL (SCALEUP) Ready Energy

Notice seeking proposals to support the scaling of high-risk and potentially disruptive new technologies across the full spectrum of energy applications. This program focuses only on scaling and pre-pilot projects of promising technologies that ARPA-E has previously funded.

Proposals are accepted at any time. An estimated \$50 million is available to fund multiple awards.

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

Signals Intelligence Focused Technologies for Exploitation and Reporting (SIFTER)
Defense

Notice seeking proposals innovative research to investigate algorithms, methodologies, and techniques for the demonstration and evaluation of enhanced signal information exploitation, dissemination, and analytics of existing and emerging adversarial systems.

Required white papers are due October 21, 2024. An estimated \$19 million is available to fund multiple awards.

LINKS: [Contract Opportunities](#)

Advisory Committee for STEM Education
National Science Foundation

Notice announcing a meeting of the Advisory Committee for STEM Education. The purpose is to provide advice with respect to the Foundation's science, technology, engineering, and mathematics (STEM) education and workforce development programming.

The meeting will be held November 13-14, 2024 from 9 a.m. to 5:10 p.m. at Louisiana Tech University, Davison Athletic Complex (DAC), 1454 West Alabama, Avenue, Ruston, LA.

LINKS: [Federal Register](#)

Advisory Committee for Technology, Innovation and Partnerships; Notice of Meeting
National Science Foundation

Notice announcing a meeting to provide advice to the National Science Foundation concerning implementation of the provisions of the CHIPS and Science Act of 2022 pertaining to the Directorate for Technology, Innovation and Partnerships (TIP), along with other related policies and activities of the Foundation.

The meeting will be held on October 30, 2024; 12p.m. -4 p.m. ET at NSF, 2415 Eisenhower Avenue, Alexandria, VA 22314. To request a virtual link, email afenzel@nsf.gov

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

Large-Area Photocathodes (LAP) Proposers Day
Defense

Notice announcing a proposers' day in support of Large-Area Photocathodes. The objective of the Large-Area Photocathodes (LAP) program is to develop large-area photocathodes suitable for high-power microwave (HPM) transmission systems. Photocathodes can be found in photomultiplier tubes, image intensifiers, and even free electron lasers.

The proposers' day will be held October 18, 2024, at 4121 Wilson Boulevard, Arlington, VA, and via Microsoft Teams Meeting from 9:00 a.m. to 5:00 p.m. Registrations are due by October 11, 2024.

LINKS: [Contract Opportunities](#)

NASA Biological and Physical Sciences Advisory Committee
National Aeronautics and Space Administration

Notice announcing a meeting of the Biological and Physical Sciences Advisory Committee. The agenda for the meeting includes the following topics: Decadal Survey Update and Updates on Space Biology, Physical Sciences, and Fundamental Physics.

The meeting will be held Friday, November 22, 2024, 10 a.m.-5 p.m. ET. Public attendance will be virtual only.

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

Artificial Intelligence-Powered Autonomous Experimentation for Sustainable Semiconductor Materials
Commerce

Notice announcing an open competition for industry-informed, university-based collaborations demonstrating artificial intelligence-powered autonomous experimentation (AI/AE) into sustainable materials and processes relevant to semiconductor manufacturing.

The envisioned application process consists of a mandatory concept paper and a required full application. CHIPS R&D anticipates a due date for concept papers of approximately 60 days after the date of NOFO publication.

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