

UNO FOCUS:

FY2025 LA NASA EPSCoR Request for Pre-Proposals (RFP)
Organization

This Pre-Proposal solicitation seeks proposals from Louisiana researchers, which will be reviewed by an external panel. The panel will recommend the most meritorious pre-proposal and one runner-up in case the top proposal falls through for any reason. The top ranked proposal will be further developed in collaboration with the LaSPACE/EPSCoR Management team at LSU and then submitted to NASA by the LA Board of Regents with the Louisiana Space Grant / NASA EPSCoR Director, Colleen H. Fava, as Principal Investigator. The Pre-Proposal Principal Investigator will, in turn, be the Science Investigator (Science-I) on the LA BOR submission to NASA. NASA EPSCoR proposals are expected to establish research activities that will make significant contributions to NASA's strategic research and technology development priorities and contribute to the overall research infrastructure, science and technology capabilities of higher education, as well as the economic development of the jurisdiction receiving funding.

Applicants must include support for undergraduate students, graduate students, and/or postdoctoral fellows as active members of the research team. Early career faculty members are encouraged to apply. A mandatory notice of intent is due September 19, and pre-proposals are due October 17.

LINKS: [LA NASA EPSCoR](#)

ARTS, HUMANITIES, and INTERNATIONAL

Collaborative Research
National Endowment for the Humanities

Notice seeking proposals to advance humanistic knowledge by supporting teams of scholars working on a joint endeavor leading to a manuscript for print publication or to a digital product. Teams may propose research in a single field of study or interdisciplinary work.

Proposals are due November 20, 2024. Optional drafts are due September 18, 2024. An estimated \$2.5 million is available to fund up to 15 awards.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Transitioning Gang-Involved Youth to Higher Education Program
Education

Notice seeking proposals to fund projects that work directly with gang-involved youth to help them pursue higher education opportunities, while also working to increasing postsecondary access, affordability, completion, and success.

Applications are due September 30, 2024. Approximately three awards of up to \$990,000 each are anticipated to support projects lasting up to 36 months.

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

John H. Prescott Marine Mammal Rescue Assistance Grant
Commerce

Notice seeking proposals to provide for: (A) the recovery, care, or treatment of sick, injured, or entangled marine mammals; (B) responses to marine mammal stranding events that require emergency assistance;

(C) the collection of data and samples from living or dead stranded marine mammals for scientific research or assessments regarding marine mammal health; (D) facility operating costs that are directly related to activities described in (A), (B), or (C); and (E) development of stranding network capacity, including training for emergency response, where facilities do not exist or are sparse.

Proposals are due October 30, 2024. The maximum award amount is \$125,000 for one year. All applicants must submit a Prescott Letter of Eligibility with the application in order to be considered for an award.

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

Trash Free Waters Art and Slogan Competition Environmental Protection Agency

Notice seeking proposals to investigate how environmental messages impact public behaviors or actions through demonstrated litter prevention and reduction assessments. Successful recipients will create and manage a state-wide high school art/slogan competition focused on reducing plastic/trash in freshwater and/or marine systems in one of the five Gulf states. The artwork and slogans will be used to educate the public on benefits of reducing trash in waterways.

Proposals are due October 8, 2024. An estimated \$3 million is available to fund up to five awards.

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

HEALTH and MENTAL HEALTH

High Priority HIV and Substance Use Research U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for high priority research at the intersection of HIV and substance use. Especially encouraged are projects with the potential to open new areas of HIV/AIDS research and/or lead to new avenues for prevention, treatment, and cure of HIV among people who use drugs. Clinical trial is optional.

Applications due February 11, 2025. Award amounts vary.

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

Identify and Evaluate Potential Risk Factors for Amyotrophic Lateral Sclerosis (ALS) U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals to support research that will identify and evaluate potential risk factors contributing to Amyotrophic Lateral Sclerosis (ALS), with preferred focus on research proposals that will examine factors related to military service, contact sports, traumatic brain injury, neuroinflammation, and infectious agents. Research proposals on preferred topics can be funded under one of three funding options: Option A supports ALS risk factor research investigations that have an existing, well substantiated evidence base and would benefit from strengthened rigorous evaluation; Option B supports novel ALS risk factor research investigations that may or may not have an existing evidence base, may be supported by limited and insufficient preliminary research, and are exploratory and developmental in nature; and Option C supports research and better understanding of ALS risk including prevalence and incidence in communities such as racial and ethnic minority populations and military veterans.

Applications are due November 4, 2024. Optional letters of intent are due October 1, 2024. Awards vary by funding option.

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

Modern Equipment for Shared-use Biomedical Research Facilities: Advancing Research-Related Operations

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

Notice seeking proposals to modernize biomedical research facility operations. This opportunity supports projects to purchase the latest scientific equipment, to enhance and modernize research-supporting operations. Priorities include laboratory research core facilities, animal research facilities, and other shared research spaces. This opportunity is not supporting scientific research instruments, components, or building level infrastructure. Only one submission per institution.

Proposals are due September 25, 2024. Award amounts are up to \$350,000.

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

National Institutes of Health (NIH) and The Centers for Disease Control and Prevention (CDC) for Small Business Innovation Research (SBIR) Contract Proposals

U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals for innovative research and solutions related to NIH and CDC topics broadly across the agency. Projects should address program goals, including (a) stimulate technological innovation; (b) strengthen the role of small business in meeting Federal research/research & development (R/R&D) needs; (c) foster and encourage participation by socially and economically disadvantaged small business concerns and women-owned business concerns; and (d) increase private sector commercialization of innovations derived from Federal R/R&D.

Proposals are due October 18, 2024. Eligibility is limited to small businesses, but partnership opportunities exist for colleges and universities.

LINKS: [Contract Opportunities](#)

Promoting Innovative Research in Treponema Pallidum Pathogenesis

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

Notice seeking proposals for basic research and exploratory research project to advance understanding of Treponema pallidum pathogenesis.

Proposals due November 4, 2024. Award amounts vary.

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

National Cancer Institute; Notice of Meeting

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

Notice announcing a public meeting scheduled to discuss the following agenda: Developing and Retaining a Robust and Diverse Cancer Workforce: and Challenges and Opportunities Across the National Cancer Program.

The meeting will be held September 12, 2024, from 11:00 a.m. to 4:30 p.m. (ET) via [webcast](#); and September 13, 2024, from 11:00 a.m. to 5:30 p.m. (ET) via [webcast](#).

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

POSEIDON (Platform Optimizing SynBio for Early Intervention and Detection in ONcology)

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

Notice announcing a proposer's day for the upcoming ARPA-H program, POSEIDON, which aims to develop first-in-class, at-home, over the counter, synthetic-sensor-based Multi-Cancer Early Detection tests for Stage I detection of 30+ solid tumors using breath or urine samples. A solicitation is expected in mid-August.

The proposer's day will be held September 4, 2024, from 9:00 a.m. to 4:00 p.m., ET in Baltimore, Md. Register to attend [here](#) by August 27, 2024.

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

Scientific Advisory Committee on Alternative Toxicological Methods (SACATM)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking participation in upcoming advisory meeting. SACATM will provide input to Interagency Coordinating Committee on the Validation of Alternative Methods (ICCVAM), Interagency Center for the Evaluation of Alternative Toxicological Methods (NICEATM), and NIEHS on programmatic activities and issues. Preliminary agenda items for the upcoming meeting include: (1) a review of the 2022-2023 ICCVAM Biennial Progress Report with a focus on activity gaps and future directions; (2) updates on validation and consideration of the new approach methodologies pipeline; (3) ICCVAM agency activities in the area of developmental neurotoxicity; and (4) update on NICEATM computational resources.

The meeting will be held September 17, 2024. Registration is required by September 11 for both in-person attendance and any oral statements, and by September 18 for virtual participation.

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

Functional Validation and-or Characterization of Genes or Variants Implicated in Substance Use Disorders (R21-R33 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support projects that functionally validate and/or characterize genes or variants involved in substance use disorder-relevant phenotypes.

Proposals are due March 3, 2025 and July 28, 2025. Optional letters of intent are due 30 days prior to proposal due dates. Awards are no more than \$125,000 per year.

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

Advisory Committee on Breast Cancer in Young Women
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice announcing a meeting of the Advisory Committee on Breast Cancer in Young Women. The purpose is to provide advice and guidance to the Secretary, HHS; the Assistant Secretary for Health; and the Director, CDC, regarding the formative research, development, implementation, and evaluation of evidence-based activities designed to prevent breast cancer (particularly among those at heightened risk) and promote the early detection and support of young women who develop the disease.

The meeting will be held on September 13, 2024, from 8:30 a.m. to 4 p.m., ET at 4770 Buford Highway, Atlanta, Georgia 30341, Building 106, Room 1B.

LINKS: [Federal Register](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2025 Sea Scallop Research Set Aside Program

Commerce

Notice seeking projects that enhance the knowledge of the scallop fishery resource or contribute to the body of information on which scallop management decisions are made. Priority will be given to proposals that investigate research priorities developed by the New England Fishery Management Council, which are detailed under the Program Priorities section of the announcement.

Proposals are due September 30, 2024. Successful applicants will be awarded scallop RSA quota. No federal funds are provided for research under this notification. Rather, proceeds generated from the sale of RSA quota will be used to fund approved activities and compensate scallop vessel owners.

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

Bipartisan Infrastructure Law (BIL) Smart Manufacturing and Recycling Tactics for States (SMART)
Energy

Notice seeking proposals to support access to smart manufacturing technologies and high-performance computing resources for small- and medium-sized manufacturers by states and the recycling of batteries and battery-containing devices by states and units of local government.

Proposals are due September 16, 2024. An estimated \$63 million is available for multiple awards among two award types. Colleges and universities are eligible for subawards when collaborating with eligible lead applicants (states and units of local government).

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

CHEERS MAA Open Period 1 and 2- All Technical Areas, Broad Agency Announcement (BAA)
Defense

Notices seeking white paper proposals for the Continuing Human Enabling, Enhancing, Restoring, and Sustaining (CHEERS) program, which is intended to provide a comprehensive strategy for Air Force Research Laboratory, Human Effectiveness Directorate, and the United States Air Force School of Medicine's range of S&T, allowing for progression from basic research to technology maturation and transition.

White papers are accepted anytime through September 30, 2027. Multiple awards are anticipated.

LINKS: [Contract Opportunities - CHEERS MAA Open Period 1](#); [Contract Opportunities - CHEERS MAA Open Period 2](#); [Contract Opportunities - CHEERS Main](#)

Department of Defense Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU MSI)
Defense

Notice seeking proposals from eligible HBCUs and MSIs to enhance the research and educational capabilities in areas of importance to national defense; increase the number of graduates STEM disciplines; and encourage research and educational collaborations between such institutions and other institutions of higher education, federal government defense organizations, and the defense industry.

White papers are accepted continuously until July 31, 2029. Applicants are encouraged to email the contact to discuss proposed research before submitting a white paper proposal.

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

FY 25-29 Strategic Trends Research Initiative Broad Agency Announcement

Defense

Notice seeking proposals for strategic research on challenges related to weapons of mass destruction (WMD) 5–10 years in the future in support of the mission of the Defense Threat Reduction Agency (DTRA). Within DTRA, the Strategic Integration Directorate (SI), Strategic Trends Office (SI-ST) research explores a range of challenges related to nuclear, chemical, and biological weapons, including the development of materials, methodologies, or technologies with potential to create new or increase the impact of existing WMD threats. SI-ST primarily focuses on future implications for the U.S. and its allies and partners in areas of deterrence, crisis and conflict prevention, risk reduction, arms control, escalation management, strategic competition, and prevailing during conflict with chemical, biological, radiological, and nuclear possessing adversaries.

White papers are accepted on a rolling basis until August 1, 2029. An estimated \$35.88 million is available, past funding has ranged between \$50,000 to \$1.3 million per award.

LINKS: [Contract Opportunities](#)

Machine learning and Optimization-guided Compilers for Heterogeneous Architectures (MOCHA) Defense

Notice seeking proposals to build a new generation of compiler technology that can realize the full potential performance of a system comprising multiple heterogenous computational elements. It will accomplish this goal by 1) using data driven methods, machine learning (ML), and advanced optimization techniques to rapidly adapt compilers to new hardware components with little human effort and 2) developing new internal representations and programming languages that enable compilers to determine how to make optimal use of available hardware, rather than depending on humans to do so.

Proposals are due September 26, 2024. Abstracts are encouraged and due August 22, 2024. Multiple awards are anticipated.

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

MUREP Earth System Science Research (MUREP ESSR) National Aeronautics and Space Administration

Notice seeking proposals to establish MUREP ESSR Institutes led by Minority Serving Institutions that can accelerate discovery and innovation in a broad array of Earth Science research categories aligned with the Earth Science to Action focus areas, outlined in the NASA Earth Science to Action Strategy 2024-2034 plan.

Proposals are due October 30, 2024. Approximately 4-6 awards of up to \$1.2 million are available for projects lasting up to three years. Eligibility is limited to MSIs, while other institutions of higher education may collaborate.

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

National Science Foundation Broad Agency Announcement Webinar National Science Foundation

Notice announcing an online meeting to provide an opportunity for the innovation community as well as NSF staff to learn more about the Foundation's research areas and understand how BAAs are used to work with NSF.

The webinar will be held August 15, 2024, at 1:00 p.m. (ET). Register [here](#) to attend.

LINKS: [Contract Opportunities](#)

Public Meeting of the Advisory Council for Climate Adaptation Science
Interior

Notice seeking participation in public meeting. Agenda topics will cover (a) ACCAS subcommittee progress to date, (b) subcommittee recommendations for full ACCAS consideration and potential action, and (c) next steps and priorities for the subcommittees. Registration will be open no later than two weeks prior to the meeting.

The meeting will be held August 23, 2024. Registration required for attendance and to make public comments.

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

Fisher-Led Aquatic Trash Prevention and Abatement in Urban and Inland Disadvantaged Communities
Environmental Protection Agency

Notice seeking eligible entities to partner with commercial, recreational, and subsistence fishers in each of the five Gulf states. EPA seeks applications that employ fishers' networks and unique expertise on the waterways where they fish. Applicants must work with fishers in disadvantaged communities around inland waters, inclusive of urban, peri-urban, and rural areas, to develop community-engaged initiatives to remove, reduce, and prevent trash in waterways of common or public fishing spots and on surrounding land.

Proposals are due October 8, 2024. An estimated \$3.25 million is available to fund up to five awards.

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

FY 2025 Phase I Release 1
Energy

Notice seeking proposals for increasing private sector commercialization of technology developed through DOE-supported research and development (R&D), stimulating technological innovation in the private sector, encouraging participation by women-owned and minority-owned small businesses, and improving the return on investment from Federally funded research for economic and social benefits to the nation.

Required Letters of Intent are due August 27, 2024. Proposals are due October 8, 2024. An estimated \$24 million is available to fund up to 110 awards.

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

FY2025 Inflation Reduction Act (IRA) - NOAA Fisheries Citizen Science Funding Opportunity
Commerce

Notice seeking proposals to support citizen science projects that can help support federal fisheries stock assessments and climate-ready fisheries management. Funding will prioritize projects that: provide information that can supplement and/or inform stock assessments or increase understanding of current and/or future impacts of climate change on fish stocks and/or fishing communities.

Proposals are due November 4, 2024. An estimated \$600,000 is available to fund three to eight awards.

LINKS: [Grants.gov](#)

Pervasive Research & Evaluation for Complex-solutions In Operational & Urgent Systems (PRECIOUS)
Defense

Notice seeking proposals to transition materials and process (M&P) technology solutions and innovative testing protocols with the goals of improving mission readiness, reducing cost (both production and life cycle sustainment), improving manufacturing, maximizing systems safety, reducing adverse environmental impact, and creating/preventing technological surprise. This program will span across research (foundational, applied, advanced), quick reaction activities, prototyping, demonstration, and transition of technology and process solutions to meet Department of Air Force (DAF) needs.

Required white papers are due September 6, 2024. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

Trash Free Waters - Micro Nanoplastics in the Gulf of Mexico
Environmental Protection Agency

Notice seeking proposals for innovative projects focused on preventing micro/nanoplastics from reaching waterways and removing microplastics from waterways as well as to make information on microplastics more accessible.

Proposals are due October 8, 2024. An estimated \$5 million is available to fund up to 12 awards.

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

Understanding Water Quality through Monitoring Activities
Environmental Protection Agency

Notice seeking proposals to support water quality studies that are useful to stakeholders in decision-making for their community. This funding opportunity is intended to generate applications for water quality monitoring projects in eligible Gulf Coast counties that improve understanding of water quality issues.

Proposals are due October 8, 2024. An estimated \$3.75 million is available to fund up to six awards.

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

National Geospatial Advisory Committee
Interior

Notice announcing a meeting of the National Geospatial Advisory Committee. The purpose of the meeting is to review and comment on geospatial policy and management issues and provides a forum to convey views representative of non-federal stakeholders in the geospatial community. The NGAC is one of the primary ways that the FGDC collaborates with its broad network of partners.

The meeting will be held on October 16, 2024, from 9 a.m. to 5 p.m.; and October 17, 2024, from 9 a.m. to 4 p.m. ET in the South Penthouse Conference Room of the Department of the Interior Building, 1849 C Street NW, Washington, DC.

LINKS: [Grants.gov](#)