

UNO FOCUS:

2025 Coastal Management and Digital Coast Fellowship Program
NOAA Office for Coastal Management

The NOAA Office for Coastal Management is recruiting candidates for the 2025 Coastal Management and Digital Coast Fellowship Program. This program's mission is to provide on-the-job education and training opportunities in coastal resource management and policy for postgraduate students and to provide project assistance to state coastal zone management agencies and other key NOAA partners. The six fellowship positions start in August 2025. This two-year opportunity offers a competitive salary, medical benefits, and travel and relocation expense reimbursement.

Application packages must be submitted to Louisiana Sea Grant office by Friday, Jan. 24, 2025, via LSG's online eSeaGrant system. Applicants must complete a master's or other advanced degree at an accredited U.S. university between Aug. 1, 2023, and July 31, 2025, to be eligible. A broad range of degrees are applicable to the fellowship because the projects are varied among the host organizations.

LINKS: [NOAA Fellowship](#)

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](#)

Travel Award Program (TAP)
Louisiana NASA EPSCoR RID

The Travel Award Program (TAP) offers travel support for Louisiana researchers to interact with NASA counterparts and investigate possible collaborative efforts OR to present NASA-relevant research at professional meeting or conference OR to attend a NASA-run workshop or event. Eligible members of the university research ecosystem in Louisiana who are working with NASA or in areas of high relevance to NASA may apply for up to \$2,500 in travel support funds. Awards will support the travel of a Louisiana researcher to interact with potential collaborators or program managers at NASA centers, NASA HQ or scientific conferences or workshops.

Applicants must be faculty or research staff members, administrators, post-doctoral associates, or graduate students at one of Louisiana's colleges and universities. Proposals will be accepted while funds are available.

LINKS: [LA NASA EPSCoR TAP](#)

ARTS, HUMANITIES, and INTERNATIONAL

Archival Projects
NARA

Notice seeking proposals for archival projects that will significantly improve online public discovery and use of historical records collections. We welcome projects that engage the public, expand civic education, and

promote understanding of the nation's history, democracy, and culture from the founding era to the present day. The Commission encourages projects focused on collections of America's early legal records, such as the records of colonial, territorial, county, and early statehood and tribal proceedings that document the evolution of the nation's legal history. Collections that center the voices and document the history of Black, Indigenous, and People of Color are especially welcome.

Proposals are due May 7, 2025 or November 5, 2025. An estimated \$1.4 million is available to fund 14 awards.

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

Archives Collaboratives NARA

Notice seeking proposals for Archives Collaboratives of three or more repositories working together to make their collections more readily available for public discovery and use. The Commission welcomes collaborations that target institutional advancement for small and underserved local archives and repositories, especially those with collections that focus on the voices and perspectives of Black, Indigenous, and People of Color.

Proposals are due May 7, 2025. An estimated \$750,000 is available to fund 10 awards.

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

Awards for Faculty National Endowment for the Humanities

Notice seeking proposals that strengthens the humanities at Historically Black Colleges and Universities, Hispanic-Serving Institutions, and Tribal Colleges and Universities by encouraging and expanding humanities research opportunities for individual faculty and staff members. Awards support individuals pursuing scholarly research that is of value to humanities scholars, students, and/or general audiences.

Proposals are due April 9, 2025. An estimated \$1.2 million is available.

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

Promoting Economic Prosperity and Human Development - Malabo Public Diplomacy Small Grants State

Notice promoting proposals for economic diversification, capacity-building, entrepreneurship, and professional development through inclusive economic growth through working with individuals, non-profits, social enterprises, and other eligible applicants based in Equatorial Guinea and the United States. All programming must highlight shared values and promote bilateral cooperation and include a U.S. cultural element, or connection with U.S. expert(s), organization(s), or institution(s) in a specific field that will promote increased understanding of U.S. policy and perspectives.

Proposals are due February 5, 2025, and April 30, 2025. Awards are up to \$50,000.

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

FY25 Cultural Property Agreement Implementation Grants State

Notice seeking proposals to supporting the implementation of cultural property agreements or emergency import restrictions. Projects should be designed to protect cultural property from looting, theft, and

trafficking in addition to addressing clear needs in the country or region and supporting U.S. foreign policy objectives.

Deadlines vary by participating U.S. embassy. An estimated \$500,000 is available to fund 5 to 10 awards.

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

Institutes for Advanced Topics in the Digital Humanities
National Endowment for the Humanities

Notice seeking proposals that supports national or regional (multistate) training programs for scholars, humanities professionals, and advanced graduate students to broaden and extend their knowledge of digital humanities. Through this program, NEH seeks to increase the number of humanities scholars and practitioners using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities.

Proposals are due February 13, 2025. An estimated \$850,000 is available to fund up to five awards.

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

U.S. Embassy Burkina Faso PDS Annual Program Statement
State

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and BURKINA FASO through cultural and exchange programming that highlights shared values and promotes bilateral cooperation. All programs must include an American cultural element, or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives.

Proposals are due June 27, 2025. An estimated \$300,000 is available to fund 15 awards.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

FY 2025 Competitive Technology Transfer (T2) Program
U.S. Department of Transportation

Notice seeking proposals to facilitate the deployment of promising innovative research solutions resulting from FTA's research investments. A strategic aim for this work includes strengthening U.S. manufacturing by encouraging technology transfer and, as appropriate, supporting small businesses and nonprofit organizations' retention of intellectual property and helping commercialize their federally funded innovations.

Proposals are due February 11, 2025. An estimated \$5 million is available. Cost sharing is required.

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

2025 Pacific Islands Marine Education and Training Mini Grant
Commerce

Notice seeking proposals that will increase the sustainability, communication, education, and training on fishing and marine resource issues and increase education for marine-related professions in the Pacific Islands Region (PIR). Projects should prepare communities for employment in marine related professions;

increase seafood and fishing safety, marketing, or management; or increase the sustainability of fishing practices through technology improvements or data collection.

Proposals are due February 28, 2025. An estimated \$150,000 is available to fund 10 to 15 awards.

LINKS: [Grants.gov](#)

Community Wildfire Defense Grant 2024 (FY25) South, West, and Tribes
U.S. Department of Agriculture

Notices seeking proposals to assist at-risk local communities and Indian Tribes with planning and mitigating against the risk created by wildfire.

Applications are due February 28, 2025. An estimated \$200 million is available to fund up to 100 awards.

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

Presidential Advisory Commission on Advancing Educational Equity, Excellence, and Economic Opportunity for Black Americans; Notice of Meeting
Education

Notice seeking participation in a virtual public meeting. The purpose of the committee is to advise on all matters pertaining to advancing educational equity, excellence, and economic opportunity for Black Americans and communities, including: i) what is needed for the development, implementation, and coordination of educational programs and initiatives at the Department and other agencies to improve educational opportunities and outcomes for Black Americans; (ii) how to promote career pathways for in-demand jobs for Black students, including registered apprenticeships, internships, fellowships, mentorships, and work-based learning initiatives; (iii) how to increase public awareness of and generate solutions for the educational and training challenges and equity disparities that Black Americans face and the causes of these challenges; and (iv) approaches to establish local and national partnerships with public, private, philanthropic, and nonprofit stakeholders.

The meeting will be held December 11, 2024. Participants must RSVP at the agency site by December 9, 2024, and submit any written comments by the same deadline.

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

HEALTH and MENTAL HEALTH

Academic Research Enhancement Award (AREA) for Undergraduate-Focused Institutions (R15 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support small scale research grants at institutions that do not receive substantial funding from the NIH, with an emphasis on providing biomedical research experiences primarily for undergraduate students, and enhancing the research environment at applicant institutions.

Proposals are due February 25, June 25, and October 25, annually through January 8, 2028.

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

Alzheimer's Drug-Development Program (U01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications proposing pre-clinical and early stage clinical (Phase I) development of novel small-molecule and biologic drug candidates that aim to prevent Alzheimer's disease (AD), slow its progression, or treat its cognitive and behavioral symptoms.

Proposals are due February 5, June 5, and October 5 annually through November 6, 2027.

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

Artificial Intelligence in Pre-clinical Drug Development for AD-ADRD (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that propose to apply existing or newly developed artificial intelligence (AI) and machine learning (ML) methods to various aspects of drug discovery and preclinical drug development to accelerate the identification, optimization, and selection of preclinical drug candidates for the treatment and prevention of Alzheimer's disease (AD) and AD-related dementias (ADRD) and increase their likelihood of success during clinical drug development.

Proposals are due February 13, 2025. An estimated \$6 million is available to fund three to four awards.

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

Autism Secondary Data Analysis Research (Autism SDAR)
U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice seeking proposals to support applied research through analysis of existing databases or administrative records to improve health outcomes, and the quality, efficiency, and accessibility of health care services for children and adolescents with autism and other developmental disabilities (DD) across the lifespan.

Proposals are due February 25, 2025. An estimated \$480,000 is available to fund eight awards.

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

First in Human and Early Stage Clinical Trials of Novel Investigational Drugs or Neuromodulatory Device-based Interventions for Psychiatric Disorders (U01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeks proposals supporting early-stage clinical trials of a novel mechanism-of-action investigational drugs or novel neuromodulatory devices for the treatment of psychiatric disorders in areas of unmet medical need. The NOFO will support milestone-driven early stage trials, including First-in-human (FIH), Phase Ib, Phase II/PoC and early feasibility studies (EFS), in pediatric and adult populations.

Optional letters of intent are due 30 days before application due dates. Applications are due mid-February, June, and October annually until October 16, 2027.

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

Innovative Screening Approaches and Therapies for Screenable Disorders in Newborns (R01 - Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for research relevant to the development of novel screening approaches and/or therapeutic interventions for conditions for which newborn screening has already been implemented, as well as for potentially fatal or disabling genetic conditions that could benefit in the near future from the early detection made possible by newborn screening. Award mechanisms included [R01](#) and [R21](#).

R01 proposals are due February 5, June 5, and October 5 annually through November 17, 2027. R21 proposals are due February 16, June 16, and October 16 annually through November 17, 2026.

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

Maternal and Child Health Secondary Data Analysis Research (MCH SDAR)
U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice seeking proposals to support research that analyzes existing national data sets or administrative records to answer questions that can improve the health and well-being of MCH populations, including children and adolescents with Autism/DD.

Proposals are due February 25, 2025. An estimated \$600,000 is available to fund 10 awards.

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

Mental Health Intervention Programs R33 Programs
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for pilot research developing and testing innovative psychosocial intervention approaches; and early-stage testing of pharmacologic interventions with novel mechanisms of action or neuromodulatory device-based interventions.

Optional letters of intent are due 30 days before application due dates. Applications are due mid-February, June, and October annually until October 16, 2027.

LINKS: [Grants.gov \(PAR-25-181\)](#); [Grants.gov \(PAR-25-183\)](#)

Mental Health Intervention R61-R33 Programs
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking clinical trial proposals through a series of notice of funding opportunities (NOFOs) that cover the intervention development pipeline, from first-in-human, early testing of interventions, confirmatory efficacy trials, through to effectiveness trials.

Optional letters of intent are due 30 days before application due dates. Applications are due mid-February, June, and October annually until October 16, 2027.

LINKS: [Grants.gov \(PAR-25-182\)](#); [Grants.gov \(PAR-25-184\)](#); [Grants.gov \(PAR-25-285\)](#)

Mental Health Interventions R01 Programs
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for clinical trial applications through a series of notice of funding opportunities (NOFOs) that cover the intervention development pipeline, from first-in-human, early testing of interventions, confirmatory efficacy trials, through to effectiveness trials.

Optional letters of intent are due 30 days before application due dates. Proposals are due mid-February, June and October annually until October 16, 2027.

LINKS: [Grants.gov \(PAR-25-177\)](#); [Grants.gov \(PAR-25-178\)](#); [Grants.gov \(PAR-25-179\)](#)

Mobile Health: Technology and Outcomes in Low and Middle Income Countries (R21-R33 - Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that propose to study the development, validation, feasibility, and effectiveness of innovative mobile health (mHealth) interventions or tools specifically suited for low- and middle-income countries (LMICs) that utilize new or emerging technology, platforms, systems, and/or analytics. The overall goal of the program is to catalyze innovation through multidisciplinary research that addresses global health problems, develop an evidence base for the use of mHealth technology to improve clinical and public health outcomes, and strengthen mHealth research capacity in LMICs.

Proposals are due March 21, 2025 and March 20, 2026.

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

NCCIH Natural Product Early Phase Clinical Trial Award (Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for investigator-initiated, early phase, clinical trials of natural products (i.e., botanicals, dietary supplements, and probiotics), which have a strong scientific premise to justify further clinical testing. For this NOFO, natural products include promising nutritional regimens that standardize the amount of a specific naturally occurring nutritional compound (e.g., omega-3 fatty acids, anthocyanidins, or polyphenols) and have compelling preliminary evidence. [R33](#) and [R61/R33](#) are included mechanisms.

Proposals are due June 23, 2025, February 23, 2026, and October 20, 2026.

LINKS: [Grants.gov \(R33\)](#); [Grants.gov \(R61/R33 Phased Innovation\)](#)

NCCIH Natural Product Mid Phase Clinical Trial (R01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for investigator-initiated mid-phase clinical trials of natural products (i.e., botanicals, dietary supplements, and probiotics), which have a strong scientific premise to justify further clinical testing. For this NOFO, natural products include promising nutritional regimens that standardize the amount of a specific naturally occurring nutritional compound (e.g., omega-3 fatty acids, anthocyanidins, or polyphenols) and have compelling preliminary evidence.

Proposals are due June 23, 2025, February 23, 2026, and October 20, 2026.

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

Nurse Faculty Loan Program (NFLP)
U.S. Department of Health and Human Services, Health Resources and Services Administration

Notice seeking proposals to increase the number of qualified nursing faculty nationwide by providing low interest loans for individuals studying to be nurse faculty and loan cancellation for those who then go on to work as faculty. Successful applicants must establish, operate, and maintain a student loan program that provides loans to students enrolled in advanced nursing education degree programs.

Proposals are due February 24, 2025. An estimated \$25.6 million is available.

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

Research to Address Systemic and Structural Barriers and Facilitators to Improve the HIV Pre-Exposure Prophylaxis (PrEP) Care Continuum for People Who Use Substances (R01 Clinical Trials Required)

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

Notice seeking proposals for research to address systemic and structural factors that impede or facilitate the pre-exposure prophylaxis (PrEP) uptake and persistence among people who use substances in the U.S. and worldwide. Research projects supported by this NOFO will develop, implement, and evaluate system/structural-directed strategies that meet the needs of people who use substances to improve the PrEP uptake and persistence. Mechanisms included are [R01](#) and [R34](#).

Proposals are due March 12, 2025. An estimated \$5 million is available to fund up to 10 awards.

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

Targeting Cell Surface HIV Envelope for Cell Elimination (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support the investigation of HIV-1 Envelope (Env) cell surface expression, the structural mechanism of biologic-mediated cell killing, and the development of novel approaches to enhance the recognition and elimination of Env-expressing, HIV-1 infected cells. These studies are expected to inform the development of immunotherapies and targeted vaccines for HIV-1 prevention and cure.

Proposals are due May 7, September 7, and January 7, annually through January 8, 2028.

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

Academic Research Enhancement Award (AREA) for Undergraduate-Focused Institutions (R15 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support small scale research grants at institutions that do not receive substantial funding from the NIH, with an emphasis on providing biomedical research experiences primarily for undergraduate students and enhancing the research environment at applicant institutions.

Proposals are due February 25, June 25, and October 25 annually until January 8, 2028. Eligible institutions must award baccalaureate science degrees and have received no more than \$6 million dollars per year of NIH support (in both direct and F&A/indirect costs) in 4 of the last 7 fiscal years.

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

Advancing Learning Health Care Research in Outpatient Mental Health Treatment Settings (R34 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking exploratory/developmental research proposals within the learning health care framework to support adoption, implementation, sustainability, and continuous improvement of evidence-based practices in outpatient mental health and substance use treatment systems.

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

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

Advancing Translation of Long-Acting Strategies for HIV and HIV-Associated Co-infections (AT LAST) (R61 and R33 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support preclinical activities for the development of safe and effective long-acting/sustained release (LA/SR) technologies for prevention and treatment of HIV and HIV-associated tuberculosis (TB), hepatitis B (HBV) and hepatitis C (HCV), and to ultimately advance these products toward submission of an Investigational New Drug application to the U.S. Food and Drug Administration. Solicited LA/SR products will have demonstrated strong rationale, competitive advantage, and effectiveness in appropriate non-clinical or animal models at intermittent dosing from either a single administration (injection, topical, oral administration) or continuous dosing regimen (implant, transdermal patch, etc.).

Proposals are due March 15, 2025. Award amounts up to \$700,000 per year during the R61 phase, and up to \$1,000,000 per year during the R33 phase. Applicants may request up to two years of support for the R61 phase, and up to three years of support for the R33 phase.

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

BRAIN Initiative: Promoting Equity Through BRAIN Technology Partnerships (R34 - Clinical Trials Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support investigators at institutions that have not previously been major recipients of NIH funding (resource limited institutions). The goal is for these investigators to adopt and integrate BRAIN Initiative resources into their line of research.

Applications are due June 17, 2025 and June 17, 2026. An estimated \$1.8 million is available to fund up to four awards to support projects lasting up to three years.

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

Building in vivo Preclinical Assays of Circuit Engagement for Application in Therapeutic Development (Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notices seeking proposals to identify neurophysiological measures as potential assays for treatment development research (UG/UH3 Clinical Trial Optional) and to identify, in animals, in vivo neurophysiological and behavioral measures for use as assays in the early screening phase of treatment development (R01 Clinical Trial Not Allowed).

R01 applications are due February 5, 2025 and June 5, 2025. UG3/UH3 applications are due February 21, 2025 and June 20, 2025.

LINKS: [Grants.gov \(R01\)](#); [Grants.gov \(UG3/UH3\)](#); [Solicitation](#)

Cancer Epidemiology Cohorts: Building the Next Generation of Research Cohorts (U01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support initiating and building the next generation of population-based cancer epidemiology cohorts to address specific knowledge gaps in cancer etiology and survivorship.

Proposals are due February 28, 2025.

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

Cancer Tissue Engineering Collaborative: Enabling Biomimetic Tissue-Engineered Technologies for Cancer Research (R01 Clinical Trial Optional)

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

Notice seeking proposals for the development and characterization of state-of-the-art biomimetic tissue-engineered technologies for cancer research. Collaborative, multidisciplinary projects that engage the fields of regenerative medicine, tissue engineering, biomaterials, and bioengineering with cancer biology will be essential for generating novel experimental models that mimic cancer pathophysiology in the context of a testable cancer research hypothesis. The projects supported will collectively participate in the Cancer Tissue Engineering Collaborative (TEC) Research Program. The Cancer TEC Program will (1) catalyze the advancement of innovative, well characterized in vitro and ex vivo systems available for cancer research, (2) expand the breadth of these systems to several cancer types, and (3) promote the exploration of cancer phenomena with biomimetic tissue-engineered systems.

Proposals are due February 25, 2025 and award amounts vary up to \$400,000 per year, for up to five years.

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

Catalyze Product Definition Medical Device prototype design, testing and disease target identification and assay development (R61 and R33 - Clinical Trial Not Allowed)

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

Notice seeking proposals for early stage translational research projects, that are needed to develop and test device prototype designs, identify diagnostic disease targets and develop associated assays, and develop research tools for use in the treatment of heart, lung, blood and sleep diseases and disorders.

Proposals are due February 11, 2025; June 18, 2025; and October 21, 2025, with the same deadlines through October 21, 2027. Award amounts up to \$300,000 annually during R61 and R33 phases.

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

Catalyze: Product Definition for Small Molecules, Biologics, and Combination Products - Target Identification and Validation (R61, R33) and Combination Product Prototype (R33)

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

Notice seeking proposals for projects or the activities required to identify and characterize potential therapeutic candidates and combination products to treat HLBS diseases and disorders. The companion initiative supports development of devices and diagnostics, and both are part of a suite of innovation grants to advance projects to the point where they can meet the entry criteria for the Catalyze Preclinical Program.

Proposals are due February 11, 2025; June 18, 2025; October 21, 2025, with the same deadlines through October 21, 2027. An estimated eight new awards anticipated annually, for up to \$400,000 per year. A cost match of 0.25:1 is expected.

LINKS: [Grants.gov](#); [Solicitation \(R61/R33\)](#); [Solicitation \(R33\)](#)

Catalyze: Product Definition Medical Device Prototype Optimization (R33 - Clinical Trial Not Allowed)

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

Notices seeking proposals for early stage translational research projects for prototype testing/design modification, assay development for diagnostic disease targets, and development of research tools for use in the treatment of heart, lung, blood, and sleep diseases and disorders.

Proposals are due February 11, 2025; June 18, 2025; and October 21, 2025, with the same deadlines through October 21, 2027. Eight new awards are anticipated annually, for up to \$300,000. A cost match of 0.25:1 is expected.

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

Co-infection and Cancer (R01 or R21 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to enhance mechanistic and epidemiologic investigations addressing the roles of co-infection and cancer to shed light on presently unestablished pathways in carcinogenesis that may inform prevention and treatment strategies for infection-related cancers.

R01 proposals are due February 5, 2025; June 5, 2025; and October 5, 2025. R21 proposals are due February 16, 2025; June 16, 2025; and October 16, 2025.

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

Development of Animal Models and Related Biological Materials for Down Syndrome Research (R21 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to develop, characterize, or improve animal models and related biological materials for Down syndrome (DS) related research and to improve access to information about or from the use of animal models for DS research. The animal models and related biological materials developed must have utility in targeted or basic science studies in areas highly relevant to DS.

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

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

HIV Prevention and Alcohol (R01 and R34 Clinical Trials Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to expand the HIV/AIDS prevention toolkit among alcohol impacted populations with a range of patterns of episodic and long-term use and associated behavioral and biological risks for HIV acquisition. This includes integration of effective prevention and treatment interventions with an understanding of the overarching framework for reducing the incidence of new infections by facilitating cross-cutting informative research. [R01](#) and [R34](#) mechanisms included.

Proposals are due May 7, 2025, September 7, 2025, January 7, 2026, and May 7, 2026. An estimated \$2 million is available to fund two to four awards.

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

Innovative Approaches to Studying Cancer Communication in the New Information Ecosystem (R01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notices seeking proposals to support research projects in three distinct domains related to cancer communication: 1) the utility and application of new cancer communication surveillance approaches; 2) the development and testing of rapid cancer communication interventions using innovative methods and designs; and 3) the development and testing of multilevel cancer communication models emphasizing bidirectional influence between levels.

R01 applications are due February 5 and June 5, 2025. R21 applications are due February 16 and June 16, 2025.

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

Innovative Research in Cancer Nanotechnology (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals promoting transformative discoveries in cancer biology and/or oncology through the use of nanotechnology. Proposed projects should address overcoming major barriers in cancer biology and/or oncology using nanotechnology and should focus on mechanistic studies to expand the fundamental understanding of nanomaterial and/or nano-device interactions with biological systems.

Proposals are due May 5, 2025; November 3, 2025; and May 4, 2026.

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

Investigator Initiated Clinical Trials of Complementary and Integrative Interventions Delivered Remotely or via mHealth (R01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notices seeking proposals to support clinical trials and feasibility clinical trials of complementary and integrative health approaches with physical and/or psychological therapeutic inputs (often called mind and body interventions) for conditions that have been identified by NCCIH as high-priority research topics.

Proposals are due February 20, June 20, and October 20, 2025; and February 20, June 22, and October 20, 2026.

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

Medical Devices for Pediatric Population Affected by Substance Use and Addiction (R43 - Clinical Trials Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notices seeking proposals proposing research and development of medical devices specifically indicated for pediatric population (i.e., 0–21 years old, as defined by the Center for Devices and Radiological Health) affected by substance use and addiction.

Applications are due February 26, 2025. Applicants must be small businesses, but colleges and universities may collaborate.

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

Microbial-based Cancer Imaging and Therapy - Bugs as Drugs (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to utilize bacteria, archaeobacteria, bacteriophages, or other non-oncolytic viruses and their natural products to study the underlying mechanisms of the complex interactions between microorganisms, tumors, and the immune system, and to explore their clinical potential for cancer imaging, therapeutics or diagnostics.

Applications are due February 5, 2025.

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

Mood and Psychosis Symptoms during the Menopause Transition (R01 and R21 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to advance translational research to better understand the emergence and worsening of mood and psychotic disorders (e.g., perimenopausal depression, generalized anxiety disorder, bipolar disorder and schizophrenia) during the menopause transition (MT) in an effort to identify targets for future development of novel treatment interventions. This funding opportunity aims to advance novel and innovative translational research to better comprehend the underlying neurobiological and behavioral mechanisms of mood and psychosis disorders and related symptoms during MT. See the R21 companion funding opportunity for projects proposing high risk/high reward projects, projects that lack preliminary data, or studies that utilize existing data.

R1 proposals are due February 5, June 5, and October 5, annually through October 5, 2027. Award amounts vary, with a maximum project period of five years. R21 proposals are due February 16, June 16, and October 16, annually through October 16, 2027. Award amounts up to \$275,000 for up to two years.

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

National Institute of Allergy and Infectious Diseases 2026 Division of Microbiology & Infectious Diseases Omnibus Broad Agency Announcement (BAA): Development of Medical Countermeasures for Biodefense and Emerging Infectious Diseases

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

Notice seeking proposals to advance the research and development of promising candidate therapeutics, vaccines, and diagnostics for biodefense and emerging infectious diseases. This opportunity supports two distinct research areas to understand, treat, and ultimately prevent infectious, immunologic, and allergic disease that threaten millions of lives. One research area is the development of candidate therapeutics, vaccines, and in vitro diagnostics for antimicrobial-resistant bacterial or fungal pathogens; and the second is the development of direct acting antivirals for viral families of pandemic potential. Each research area has a separate deadline. If proposing to address multiple topics, a separate technical and business proposal must be submitted for each topic.

For research area one, proposals are due February 21, 2025. For research area two, proposals are due January 21, 2025.

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

Navigator Emergency Department Diversion Models for Non-Urgent Mental Health Concerns (R34 Clinical Trial Required)

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

Notice seeking proposals that pilot test patient navigation Emergency Department (ED) diversion models for non-urgent mental health problems. A non-urgent ED visit is that for which a delay of several hours would not increase the potential for an adverse outcome to occur. [R34](#) and [R01](#) mechanisms included.

Proposals are due February 16, June 16, and October 16, annually through January 8, 2028.

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

NEI Postbaccalaureate Opportunities in Vision Science (POVS) Research Education Program (R25 Clinical Trial Not Allowed)

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

Notice seeking proposals for research education programs that will significantly advance the mission of NEI. The proposed research education programs should focus on intensive hands-on research experiences to prepare recent college graduates from diverse backgrounds, including those from underrepresented groups, for biomedical doctoral degree programs. In addition to encouraging participants to pursue careers

in biomedical research, NEI also seeks to recruit individuals without prior opportunities to participate in research in the visual sciences.

Applications are due January 25 in 2025, 2026, and 2027.

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

Neuromodulation Neurostimulation Device Development for Mental Health Applications (R01 and R21 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notices seeking proposals to develop the next generation of brain stimulation devices for treating mental health disorders. Applications are sought that will either 1) develop novel brain stimulation devices or 2) significantly enhance, by means of hardware/software improvements, the effectiveness of brain stimulation devices that are currently U.S. Food and Drug Administration-approved or cleared.

R01 applications are due February 5, June 5, and October 5 annually until January 8, 2028. R21 applications are due February 16, June 16, and October 16 annually until January 8, 2028.

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

New Approaches for Measuring Brain Changes Across Longer Timespans (R01 and R21 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to encourage multidisciplinary investigators to develop new approaches or apply existing approaches in novel ways to measure brain activity, connectivity, genomics, or other aspects across the age spectrum of neurodevelopment. The overarching goal is to extend our understanding of brain development and aging, including studies of the neurodevelopmental origins of later health and disease. [R01](#) and [R21](#) mechanisms are included.

R01 proposals are due February 5, June 5, and October 5, annually through May 8, 2027. R21 proposals are due February 16, June 16, and October 16, annually through May 8, 2027.

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

NIDA Avant-Garde Program for HIV and Substance Use Disorder Research (DP1 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support exceptionally creative scientists, who propose high-impact studies that open new areas of HIV research in the context of substance use and Substance Use Disorders (SUD) and/or lead to new avenues for prevention and treatment of HIV in people with SUD.

Proposals are due August 15, 2025.

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

NINR Resources and Related Research Projects in Firearm Injury Prevention (R24 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals from multidisciplinary teams of experts in firearm injury prevention research across departments and institutions to develop and provide research resources and support to build capacity among U.S. nurse researchers for rigorous, high-impact research in firearm injury prevention aligned with the NINR mission and scientific framework.

Applications are due January 28, 2025. An estimated \$2 million is available to fund up to four awards to support projects lasting up to five years.

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

NLM Research Grants in Biomedical Informatics and Data Science (R01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that focuses on biomedical discovery and data-powered health, integrating streams of complex and interconnected research outputs that can be translated into scientific insights, clinical care, public health practices, and personal wellness.

Proposals are due February 5, 2025, June 5, 2025, and October 5, 2025.

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

Occupational Safety and Health Training Project Grants (T03)
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals focused on occupational safety and health training. The National Institute for Occupational Safety and Health is mandated to provide an adequate supply of qualified personnel to carry out the purposes of the Occupational Safety and Health Act, and the training program grants (TPGs) are one of the principal means for meeting this mandate. The majority of TPGs are in academic institutions that provide high quality undergraduate, graduate, and post graduate academic training in a variety of occupational safety and health (OSH) and allied disciplines.

Proposals are due January 21, 2025; October 30, 2025; October 29, 2026; October 28, 2027; October 24, 2028. An estimated 29 awards are anticipated, for \$50,000 to \$550,000.

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

Personal Health Informatics for Delivering Actionable Insights to Individuals (R01 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to advance the development of novel informatics and data science approaches that can help individuals understand and improve their health through actionable insights.

Proposals are due February 5, 2025; June 5, 2025; October 5, 2025; June 5, 2026; and October 5, 2026.

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

Prevention and Intervention Approaches for Fetal Alcohol Spectrum Disorders (R34 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals that focuses on prevention and intervention strategies for fetal alcohol spectrum disorders (FASD) throughout the lifespan. The intent of this NOFO is to support research that advances (1) prevention approaches to reduce prenatal alcohol exposure and incidence of FASD and (2) interventions for FASD. [R34](#) and [R61/R33](#) are included.

R34 proposals are due February 16, June 16, and October 16, annually through January 8, 2027. R61/R33 proposals are due February 19, 2025, June 17, 2025, and October 17, 2025.

LINKS: [Grants.gov \(R34\)](#); [Grants.gov \(R61/R33\)](#)

Research Opportunities for New and At-Risk Investigators to Promote Workforce Diversity (R01 Clinical Trial Optional)

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

Notice seeking proposals for funding that would support independent research projects within the scientific mission areas of the participating NIH Institutes or Centers from a diverse cohort of New Investigators and At-Risk Investigators.

Proposals are due February 5, June 5, and October 5 annually until November 6, 2027. Number and amounts of awards vary by NIH Institute.

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

Role of T-Cells in HIV CNS Reservoir Seeding, Persistence, and Neuropathogenesis (Clinical Trial Not Allowed)

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

Notice seeking proposals for research to define the mechanisms and roles of T-cells in HIV/CNS (central nervous system) reservoir seeding, persistence and neuropathogenesis.

Proposals are due March 18, 2025. Award number and amounts vary by NIH Institute.

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

Scholarships for Disadvantaged Students (SDS)

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

Notice seeking proposals from eligible health professions schools for funding to use in awarding scholarships to students from disadvantaged backgrounds who have financial need with the overall goal of increasing diversity in the health professions and the nursing workforce. Only one application per health professions degree program and only three applications per institution.

Proposals are due February 19, 2025. See the solicitation for a full list of eligible institution types. An estimated \$51.47 million is available to fund up to 85 awards.

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

Screening, Brief Intervention and Referral to Treatment or Prevention (SBIRT P) for alcohol, tobacco, and other drugs (ATOD) use and misuse in adult populations that experience health disparities (R01, Clinical Trial Required)

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

Notice seeking proposals to test innovative approaches to implementing SBIRT/P for alcohol, tobacco, and other drugs (ATOD) use and misuse in adult populations that experience health disparities.

Applications are due February 5, June 5, and October 5 annually until May 8, 2027.

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

Seamless Early-Stage Clinical Drug Development (Phase 1 to 2a) for Novel therapeutic Agents for the Spectrum of Alzheimer's Disease (AD) and AD-related Dementias (ADRD) (UG3 UH3 Clinical Trial Required)

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

Notice seeking proposals for projects that bundle independent protocols for phase 1 clinical trials with phase 1b/phase 2a clinical trials to streamline the early-stage evaluation of promising pharmacological interventions for Alzheimer's disease and Alzheimer's disease-related Dementias. Candidate interventions evaluated through this program, which can include small molecules or biologics for example, must engage non-amyloid/non-tau mechanisms and aim to address cognitive and/or neuropsychiatric symptoms in individuals across the spectrum from pre-symptomatic to more severe stages of disease. Proposals must include prespecified, go/no-go safety and tolerability milestones that gate the advance from phase 1 to latter stages of clinical development.

Proposals are due February 21, 2025; June 23, 2025; October 20, 2025; February 20, 2026; June 22, 2026; or October 19, 2026. Award amounts vary.

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

The Role of Work in Health Disparities in the U.S. (R01 Clinical Trials Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support innovative population-based research that can contribute to identifying and characterizing pathways and mechanisms through which work or occupation influences health outcomes and health status among populations with health and/or health care disparities.

Proposals are due February 5, June 5, and October 5, annually through January 8, 2028.

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

Understanding Expectancies in Cancer Symptom Management (R01 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking mechanistic research proposals that aims to understand how and why expectancy effects occur in a cancer context, elucidate their role in cancer symptom management, and identify patients, symptoms, cancer sites, and contexts in which expectancy effects can be leveraged to improve cancer outcomes.

Proposals are due February 5, June 5, and October 5, 2025, and February 5, 2026.

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

Utilizing Invasive Recording and Stimulating Opportunities in Humans to Advance Neural Circuitry Understanding of Mental Health Disorders (R01 and R21 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to pursue invasive neural recording studies focused on mental health-relevant questions. Invasive neural recordings provide an unparalleled window into the human brain to explore the neural circuitry and neural dynamics underlying complex moods, emotions, cognitive functions, and behaviors with high spatial and temporal resolution. Additionally, the ability to stimulate, via the same electrodes, allows for direct causal tests by modulating network dynamics. This funding opportunity aims to target a gap in the scientific knowledge of neural circuit function related to mental health disorders. Researchers should target specific questions suited to invasive recording modalities that have high translational potential. See also the companion R21 funding opportunity for shorter-term, higher risk applications.

R01 applications are due February 5, June 5, and October 5, annually through October 5, 2027. Award amounts vary, and maximum project period is five years. R21 applications are due February 16, June 16, and October 16, annually through October 16, 2027. Award amounts up to \$275,000 for up to two years.

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

Utilizing the PLCO Biospecimens Resource to Bridge Gaps in Cancer Etiology and Early Detection Research (U01 Clinical Trial Not Allowed)

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

Notice seeking proposals that propose to advance research in cancer etiology and early detection biomarkers, utilizing the advantages of the unique biorepository resources of the NCI-sponsored Prostate, Lung, Colorectal, and Ovarian Cancer (PLCO) Screening Trial.

Applications are due February 10; June 10; and October 10 annually (except October 9, 2027 and October 8, 2027) until October 9, 2027.

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

AIDS Research Advisory Committee, NIAID

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

Notice announcing participation in a virtual public meeting. The meeting will include reports from the division director and staff.

The meeting will be held January 27, 2025. To participate in oral public comments, requests must be made at least ten days prior to the meeting.

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

National Institute of Neurological Disorders and Stroke; Notice of Meeting

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

Notice announcing participation in virtual public portion of the advisory committee meeting. The open portion of the meeting agenda includes: Report by the Director, National Institute of Neurological Disorders and Stroke (NINDS); Report by the Director, Division of Extramural Activities; and Administrative and Program Developments; and Overview of the NINDS Intramural Program.

The meeting will be held February 12, 2025. Link to participate is provided in the Federal Register announcement.

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

Inclusion of Terrain Factors in the Definition of Rural Area for Federal Office of Rural Health Policy Grants (FORHP)

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

Notice modifying the definition of "rural area" for the purposes of determining geographic eligibility to apply for or receive services funded by FORHP's rural health grants.

Changes will go into effect November 21, 2024 and apply to FORHP notices of funding opportunity released in FY25 and future years.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Indian Head NEEC BAA FY 25

Defense

Notice seeking proposals to develop biomarker-based tools for predicting disease contagiousness before or after symptom onset. Proposers should create novel assays or adapt existing technologies to target host- or pathogen-derived biomarkers, with a focus on minimally- or non-invasive clinical samples such as saliva, sweat, or blood.

Proposals are due January 6, 2025. An estimated \$300,000 to \$400,000 is available.

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

NSF Boosting Research Ideas for Transformative and Equitable Advances in Engineering (BRITE) National Science Foundation

Notice seeking proposals that enable experienced researchers with active research programs to take risks not typically associated with proposals submitted to core programs by pivoting to research areas where they have no proven track record or gaining knowledge from a different discipline and using it to forge new directions in their research field, or enter a new field; or experienced researchers with a hiatus in research activity to reestablish a foundation for sustained research productivity and broader impacts.

Proposals are due March 3, 2025. An estimated \$7 million is available to fund multiple awards.

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

NSF Scholarships in Science, Technology, Engineering, and Mathematics Program National Science Foundation

Notice seeking proposals to enable academically talented, low-income students to pursue successful careers in promising STEM fields. Ultimately, the S-STEM program seeks to increase the number of academically promising low-income students who graduate with an S-STEM eligible degree and contribute to the American innovation economy with their STEM knowledge.

Proposals are due March 4, 2025. An estimated \$80 million to \$120 million is available to fund 40 to 60 awards.

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

FY 2025 Bureau of Land Management National Conservation Lands - Management Studies Support Program Interior

Notice seeking proposals for studies aimed at increasing understanding of the resources present on Bureau of Land Management (BLM) lands, the values these areas protect, and the effectiveness of BLM's resource management decisions. The program seeks to develop and maintain strong partnerships with state, local, university, tribal, and non-profit stakeholders in shared conservation stewardship. Results from these studies on National Conservation Lands will inform management strategies utilized throughout BLM as well as other land management entities.

Proposals are due January 31, 2025. An estimated nine awards are anticipated ranging from \$5,000 - \$40,000.

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

Realize Energy-rich Compound Opportunities Valorizing Extraction from Refuse waters (RECOVER and RECOVER SBIR STTR)

Energy

Notices seeking proposals for transformative research and development to develop technologies to concentrate and recover high value energy materials (ammonia and critical metals) from aqueous waste streams.

Required concept papers are due December 31, 2024. An estimated \$36 million is available to fund up to 16 awards. Colleges and universities must partner with a small business applicant for the SBIR/STTR competition.

LINKS: [Grants.gov \(RECOVER\)](#); [Grants.gov \(RECOVER SBIR STTR\)](#); [Solicitation](#)

ROSES 2024: A.63 Ecohydrology National Aeronautics and Space Administration

Notice seeking proposals that focuses on interactions between water and ecosystems through the lens of the coupled water, energy, and carbon cycles. The program element is motivated by the hypothesis that periods of strong land-atmosphere coupling, which may be initiated by environmental pulse events, are limited in frequency and duration, but constitute untapped sources of hydroclimate predictability.

Proposals are due March 19, 2025. Notices of Intent are requested by January 16, 2025. An estimated \$1.3 million is available to fund three to five awards.

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

ROSES 2024: F.11 Payloads and Research Investigations on the Surface of the Moon: Stand-Alone Landing Site-Agnostic National Aeronautics and Space Administration

Notice seeking proposals to join FarmFlux teams that accelerate research at the agriculture – atmosphere interface through intensive airborne in-situ observations. members are sought to take part in three teams: instrument teams that deploy instrumentation; modeling teams that operate models to address FarmFluc objectives; and forecasting teams that support flight planning and decision-making for small and large aircraft.

Optional notices of intent are due January 17, 2025. Proposals are due March 7, 2025. An estimated \$5.5 million is available for up to 12 Instruments awards and \$1.1 million for up to four Model/Forecasting awards.

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

Sea Grant Programs Only - FY2025 Aquaculture Legal, Regulatory, and Policy Grants Commerce

Notice seeking proposals to support broad, non-proprietary research projects for a period of up to three years with the goal of addressing legal, regulatory, and policy topics relevant to U.S. coastal, marine, and Great Lakes aquaculture communities.

Proposals are due February 26, 2025. An estimated \$500,000 is available for multiple awards. Eligibility is limited to Sea Grant College Programs, Sea Grant Institutional Programs, and Sea Grant Coherent Area Programs but other colleges and universities may collaborate.

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

U.S. Nuclear Regulatory Commission Notice of Funding Opportunity (NOFO), Research and Development Grant, Fiscal (FY) 2025
Nuclear Regulatory Commission

Notice seeking proposals to support research and development (R&D) for nuclear science, engineering, technology, and related disciplines to develop a workforce capable of supporting the design, construction, operation, and regulation of nuclear facilities and the safe handling of nuclear materials. University R&D activities provide an opportunity to complement current, ongoing NRC-led research.

Proposals are due January 31, 2025. An estimated \$9 - \$10 million is available to fund multiple awards.

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

Marine and Coastal Area-Based Management Advisory Committee Meeting
Commerce

Notice announcing participation in a virtual public meeting. The purpose of the committee is to advise on science-based approaches to area-based protection, conservation, restoration, and management in coastal and marine areas, including the Great Lakes.

The meeting will be held December 9, 2024. Written comments should be received by December 4, 2024.

LINKS: [Federal Register](https://www.federalregister.gov); [Agency Site](#)