

## UNO FOCUS:

Master's-level Coastal Science Assistantship (CSAP)  
LA SeaGrant

The Undergraduate Research Opportunities Program (UROP) was established in 1992 by the Louisiana Sea Grant College Program. It provides talented undergraduate students interested in pursuing advanced studies in coastal-related disciplines with hands-on research experience which can: increase competitiveness as a graduate student; help with career-related decisions; and establish a working relationship with a faculty mentor.

Application deadline for the year 2023 funding is December 9, 2022 at 4pm CST.

LINKS: [LASEAGrant.org](http://LASEAGrant.org)

## ARTS, HUMANITIES, and INTERNATIONAL

AFCP 2023 Grants Program  
Department of State (State), U.S. Mission to Indonesia

Notice seeking proposals for funding through the U.S. Ambassadors Fund for Cultural Preservation (AFCP) to carry out an individual project to preserve cultural heritage in Indonesia. AFCP aims to preserve archaeological sites, historic buildings and monuments, museum collections, and forms of traditional cultural expression, such as indigenous languages and crafts.

Required concept notes are due December 31, 2022. Proposals are due March 31, 2023. Approximately \$6 million per year is available to fund 20 to 30 awards.

LINKS: [Grants.gov](http://Grants.gov)

---

Feed the Future Ethiopia Community Nutrition Activity  
United States Agency for International Development (USAID)

Notice seeking proposals to improve the nutritional status of women and children through improving appropriate nutritional practices and utilization of nutrition services in the communities.

Applications are due January 31, 2023. Approximately \$69.5 million is available over five years. Cost share of at least five percent is required.

LINKS: [Grants.gov](http://Grants.gov)

---

Major Collaborative Archival Initiatives  
National Archives and Records Administration (NARA)

Notice seeking proposals that will significantly improve public discovery and use of major historical records collections. Major Collaborative Archival Initiatives must be collaborations among multiple institutions. Cost-sharing is required.

Required drafts are due February 15, 2023. An estimated five grants with a ceiling of \$350,000 are anticipated.

LINKS: [Grants.gov](http://Grants.gov), [Solicitation](#)

---

Publishing Historical Records in Collaborative Digital Editions  
National Archives and Records Administration (NARA)

Notice seeking proposals to publish online editions of historical records. Cost-sharing is required.

Applications are due May 3, 2023. An estimated 32 grants with a ceiling of \$125,000 per year are anticipated.

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

---

State Board Programming Grants  
National Archives and Records Administration (NARA)

Notice seeking proposals that support the work of state historical records advisory boards through projects that engage the public, expand civic education, and promote understanding of the nation's history, democracy, and culture. IHEs may partner. Cost sharing is required.

Required drafts are due February 15, 2023. An estimated 30 grants are anticipated.

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

---

U.S. Embassy Brussels PAS Annual Program Statement  
Department of State (State)

Notice seeking proposals for projects that strengthen ties between the United States and Belgium by highlighting shared values and promoting bilateral cooperation.

Applications are due August 13, 2023. The maximum of each award is up to \$100,000.

LINKS: [Grants.gov](#)

## **EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT**

Safe and Supportive Schools: Mental Health Service Professional (MHSP) Demonstration Grant Program,  
Assistance Listing Number 84.184X  
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to support and demonstrate innovative partnerships to train school-based mental health services providers for employment in schools and local educational agencies (LEAs). The goal of this program is to increase the number and diversity of high-quality, trained providers available to address the shortages of mental health service professionals in schools served by high-need LEAs.

Applications are due January 27, 2023. Approximately \$99.57 million is available to fund 125 awards. Colleges and universities are eligible to partner.

LINKS: [Grants.gov](#), [Federal Register](#)

---

YouthBuild  
Department of Labor (Labor)

Notice seeking proposals from organizations providing pre-apprenticeship services that support education, occupational skills training, and employment services to opportunity youth, ages 16 to 24, while performing meaningful work and service to their communities.

Applications are due February 7, 2023. An estimated 75 awards with a ceiling of \$1.5 million are anticipated.

LINKS: [Grants.gov](#)

## HEALTH and MENTAL HEALTH

Multisite Clinical Research: Leveraging Network Infrastructure to Advance Research for Women, Children, Pregnant and Lactating Individuals, and Persons with Disabilities (U01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking applications for multisite clinical trials and observational studies developed in conjunction with NICHD Networks that will be conducted using NICHD-supported Network infrastructure. It is the intent of this initiative to utilize the NICHD Clinical Research Network infrastructure in a manner that will promote the funding and support of the best science in a timely, transparent, equitable and cost-effective manner.

Applications are due annually on June 5, October 5, and February 5. Program expires May 8, 2026.

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

---

NIA Multi-site Clinical Trial Implementation Grant (R01 Clinical Trial Required)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications for implementation of investigator-initiated multi-site interventional clinical trials (all phases). The trials should be hypothesis-driven, milestone-defined, and related to NIA's research mission.

Applications are due March 7, 2023 and then annually on June 5, October 5 and February 5. Program expires January 8, 2026.

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

---

NIH Research Evaluation and Commercialization Hubs (REACH) Awards (U01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications to facilitate and accelerate the translation of academic biomedical discoveries into products that improve patient care and public health. Through this program, NIH will provide the qualifying institutions with the funds to seed the creation of academic entrepreneurship Hubs.

Applications are due February 9, 2023. Approximately \$20 million is available to fund up to five awards over four years.

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

---

Opportunities for Advancing Limb Regeneration Research (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to promote transformative basic research on limb regeneration using animal models. The primary focus is on gaining insight into the body's own growth regulatory networks and processes that can be manipulated to promote limb regeneration in vertebrates including in mammals that might otherwise lack the capacity for regeneration.

Applications are due July 27, 2023. Optional letters of intent are due 30 days prior to the application due date. Approximately \$3.2 million is available to fund four to six awards in FY 2024.

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

---

Secondary Analysis of Existing Datasets in Heart, Lung, and Blood Diseases and Sleep Disorders (R21 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking applications to stimulate the use of existing human datasets to investigate novel scientific ideas, and/or generate new models, systems, tools, or technologies that have the potential for significant impact on biomedical or biobehavioral research.

Applications are due annually on February 28 and October 28. Program expires January 8, 2026. An estimated \$2.187 million is available to fund 18 awards per year.

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

---

Strengthening Training, Evaluation, and Partnerships in the Prevention and Control of Vector-Borne Diseases  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to improve our nation's capacity to address the growing health threat of vector-borne diseases by building the vector-borne disease prevention and control workforce and its capacity, improving adoption and evaluation of vector-borne disease prevention control programs, tools, and technologies, and facilitating partnerships between academic institutions and federal, local, state, territorial, tribal public health agencies and/or other interested parties.

Applications are due February 3, 2023. Approximately \$43.75 million is available to fund ten awards.

LINKS: [Grants.gov](#)

---

2023 Broad Agency Announcement: Development and Demonstration of Mine Safety and Health Technology  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking concept papers to conduct research, exploratory development, testing, or evaluations of new technologies to improve mine safety, or to adapt technologies from other industries for application in mining environments.

Required concept papers are due January 13, 2023. Up to \$5 million is available to fund 6 to 10 awards.

LINKS: [Contract Opportunities](#)

---

Advanced Development and Validation of Emerging Biospecimen Science Technologies for Basic and Clinical Cancer Research (R33 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications proposing exploratory research projects focused on further development and validation of emerging technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of

targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

Applications are due March 1, 2023 and September 1, 2023. Optional letters of intent are due 30 days prior to the application due date. Approximately \$900,000 is available in FY 2024.

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

---

Advanced Development and Validation of Emerging Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R33 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications proposing exploratory research projects focused on further development and validation of emerging technologies offering novel capabilities for targeting, probing, or assessing molecular and cellular features of cancer biology for basic, clinical, or epidemiological cancer research.

Applications are due March 1, 2023 and September 1, 2023. Optional letters of intent are due 30 days prior to the application due date. Approximately \$4.3 million is available to fund 10 awards in FY 2024.

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

---

Innovative Biospecimen Science Technologies for Basic and Clinical Cancer Research (R61 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies that improve the quality of the samples used for cancer research or clinical care. This includes new capabilities to address issues related to pre-analytical degradation of targeted analytes during the collection, processing, handling, and/or storage of cancer-relevant biospecimens.

Applications are due March 1, 2023 and September 1, 2023. Optional letters of intent are due 30 days prior to the application due date. Approximately \$1 million is available to fund four awards.

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

---

Innovative Molecular and Cellular Analysis Technologies for Basic and Clinical Cancer Research (R61 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications proposing exploratory research projects focused on the early-stage development of highly innovative technologies offering novel molecular or cellular analysis capabilities for basic, clinical, or epidemiological cancer research. The emphasis of this FOA is on supporting the development of novel capabilities involving a high degree of technical innovation for targeting, probing, or assessing molecular and cellular features of cancer biology.

Applications are due March 1, 2023 and September 1, 2023. Optional letters of intent are due 30 days prior to the application due date. Approximately \$4.2 million is available to fund up to 17 awards.

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

---

NIH Research Evaluation and Commercialization Hubs (REACH) Awards (U01 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications to facilitate and accelerate the translation of academic biomedical discoveries into products that improve patient care and public health. Through this program, NIH will provide the qualifying institutions with the funds to seed the creation of academic entrepreneurship Hubs.

Applications are due February 9, 2023. Approximately \$20 million is available to fund five awards over four years.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2022 Funding Opportunity Announcement for Energy Improvements at Public K-12 School Facilities - Bipartisan Infrastructure Law (BIL) - Renew America's Schools  
Department of Energy (Energy)

Notice seeking applications to support projects that enable replicable and scalable impacts, create innovative, sustaining partnerships, leverage funding and economies of scale, focus on disadvantaged communities, improve student, teacher, and occupant health, enrich learning and growth, assist schools that serve as community assets (e.g., neighborhood cooling centers or disaster recovery shelters), and are crafted thoughtfully within the context of public school facilities (e.g., procurement restraints, construction windows, etc.).

Required concept papers are due January 26, 2023. Applications are due April 21, 2023. Approximately \$80 million is available to fund 20 to 100 awards. Cost share of at least five percent is required.

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

---

Fiscal Year (FY) 2023 Create the Future Independent Research Effort  
Department of Defense (Defense), Air Force Office of Scientific Research (AFOSR)

Notice seeking proposals to ensure the future technological superiority of the DOD by cultivating emerging areas of research at institutions of higher education today.

Proposals are due March 17, 2023. White papers are requested and due January 20, 2023. The maximum award amount is \$1.5 million per year.

LINKS: [Grants.gov](#)

---

Fiscal Year 2023 NMFS-Sea Grant Fellowship in Population and Ecosystem Dynamics and Marine Resource Economics  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals to award a limited number of fellowships each year to students who are interested in careers related to population and ecosystem dynamics and marine resource economics with applications to living marine resources to achieve climate-ready fisheries using an ecosystem-based fishery management approach.

Student applications are due January 25, 2023. Requested letters of intent are due February 8, 2023. Applications are due February 24, 2023. Five awards are anticipated. Cost share of at least 20 percent is required.

LINKS: [Grants.gov](#)

---

ROSES 2022: Commercial Smallsat Data Scientific Analysis  
National Aeronautics and Space Administration (NASA), Science Mission Directorate (SMD)

Notice seeking proposals to identify, evaluate, and acquire data from commercial sources that support NASA's Earth science research and application goals. Earth Science Division (ESD) recognizes the potential impact that commercial small-satellite constellations may have in encouraging/enabling efficient approaches to advancing Earth System Science and applications development for societal benefit.

Required Step-1 proposals are due January 18, 2023. Step-2 proposals are due March 23, 2023. Approximately \$3.2 million is available to fund 17 to 22 awards.

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

---

ROSES 2022: Future Investigators in NASA Earth and Space Science and Technology  
National Aeronautics and Space Administration (NASA), Science Mission Directorate (SMD)

Notice seeking proposals for graduate student-designed and performed research projects that contribute to SMD's science, technology, and exploration goals. The Future Investigator (FI) i.e., the student participant, shall have the primary initiative to define the proposed FINESST research project and must be the primary author, with input or supervision from the proposal's Principal Investigator (PI), as appropriate.

Proposals are due February 7, 2023. Up to 60 awards by division.

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

---

ROSES 2022: Plankton, Aerosol, Cloud, ocean Ecosystem (PACE) Mission Validation Program  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals that will deliver climate-quality global ocean color and atmospheric measurements that are essential to advancing our understanding of the Earth System and to address pressing questions related to ecosystem change.

Required Step-1 proposals are due March 7, 2023. Step-2 proposals are due May 5, 2023.

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

---

NASA Advisory Council; Technology, Innovation and Engineering Committee; Meeting  
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Technology, Innovation, and Engineering Committee of the NASA Advisory Council with the following agenda: Space Technology Mission Directorate (STMD) Update; NASA Nuclear Systems Update; Technology Demonstration Missions: Cryogenic Fluid Management and Low-Earth Orbit Flight Test of an Inflatable Decelerator (LOFTID) Updates; Early Career Initiative Overview and Researcher Presentation; Office of the Chief Engineer Update; and Moon-to-Mars Planetary Autonomous Construction Technology (MMPACT) and Advanced Manufacturing Update.

The meeting will be held virtually on December 15, 2022 from 8:30 a.m. to 4:45 p.m. CT.

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

---

2023 Human Exploration Research Opportunities (HERO) Overview  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to provide human health and performance countermeasures, knowledge, technologies, and tools to enable safe, reliable, and productive human space exploration.

Applications are due November 29, 2023. Multiple awards with a ceiling of \$1 million are anticipated.

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

---

AdvaNced airCRAFT Infrastructure-Less Launch And RecoverY (ANCILLARY)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Tactical Technology Office (TTO)

Notice seeking proposals to develop and flight demonstrate an X-plane with the critical technologies required for a leap-ahead in long endurance, vertical takeoff and landing (VTOL) unmanned air system (UAS) performance. The UAS should be able to launch and recover from small ship flight decks and austere land locations in adverse weather without additional infrastructure equipment, thus enabling expeditionary deployments.

Abstracts are due January 6, 2023. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

---

Campus Cyberinfrastructure  
National Science Foundation (NSF)

Notice seeking proposals for coordinated campus-level cyberinfrastructure improvements, innovation, integration, and engineering for science applications and distributed research projects.

Applications are due March 1, 2023. Approximately \$15 to \$20 million is available to fund approximately 30 to 53 awards.

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

---

Climate Resilience Centers  
Department of Energy (Energy), Office of Science (SC)

Notice seeking applications that that will improve the availability and utility of Biological and Environmental Research (BER) research, data, models, and capabilities to address climate resiliency, particularly by underrepresented or vulnerable communities. BER seeks to establish CRCs at HBCUs, non-R1 MSIs, and emerging research institutions to address critical research questions in support of the needs of stakeholders and communities in the pursuit of equitable climate solutions.

Required pre-applications are due January 19, 2023. Approximately \$5 million is available to fund five to seven awards.

LINKS: [Grants.gov](#)

---

Integrative Computational Tools for Systems Biology Research  
Department of Energy (Energy)

Notice seeking proposals for basic research to understand the fundamental nature of biological processes relevant to DOE energy and environmental mission goals.

Required pre-applications are due January 10, 2023. Multiple awards with a ceiling of \$350,000 are anticipated.



LINKS: [Grants.gov](#)

---

Oceanographic Facilities and Equipment Support  
National Science Foundation (NSF)

Notice seeking proposals for the procurement, conversion and/or upgrade, enhancement, or annual operation of platforms in the ocean, coastal and near-shore waters, and Great Lakes.

Applications are due February 23, 2023. Approximately \$47.5 million is available to fund approximately 25-50 awards.

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

---

Refuge Enhancement Non-Infrastructure  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking proposals for educational, stewardship, and other projects to promote wildlife and fish population and habitat health.

Applications are due September 10, 2023. An estimated 20 awards are anticipated.

LINKS: [Grants.gov](#)

---

ROSES 2022: High Priority Open-Source Science  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for the development of innovative open-source tools, software, frameworks, data formats, and libraries that will have a significant impact to the Science Mission Directorate science community.

Applications are due March 29, 2023. An estimated three to five awards with a ceiling of \$300,000 are anticipated.

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

---

S2MARTS Request for Solutions (RFS) in support of Microelectronics Commons (The Commons) Project No. 22-16  
Department of Defense (Defense), Naval Sea Systems Command (NSSC)

Notice seeking proposals for domestic prototyping capability, including infrastructure, to accelerate technology demonstration by enabling materials, processes, devices, and architectural designs to be developed and quickly ported and re-characterized as they are transitioned from university or other R&D laboratory facilities to small-volume prototyping and then scaled up for large-scale prototyping, fabrication and production.

Applications are due February 28, 2023. Approximately \$350 million is available to fund nine awards in FY 2023.

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

---

Transport Phenomena Research at the International Space Station to Benefit Life on Earth  
National Science Foundation (NSF)

Notice seeking proposals in the general field of fluid dynamics, particulate and multiphase processes, combustion and fire systems, thermal transport processes, and nanoscale interactions that can utilize the International Space Station (ISS) National Lab to conduct research that will benefit life on Earth.

Required feasibility review forms are due January 12, 2023. Approximately \$3.6 million is available to fund nine awards.

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