

UNO FOCUS:

2024 NMFS-Sea Grant Fellowships Opportunity
NOAA Fisheries & Sea Grant

The NMFS-Sea Grant Joint Fellowship Program in Population and Ecosystem Dynamics and Marine Resource Economics is designed to help Sea Grant fulfill its broad educational responsibilities and to strengthen the collaboration between Sea Grant and the National Marine Fisheries Service (NMFS).

Applications due to your state's Sea Grant program on January 25, 2024 for the 2024 Fellowship.

LINKS: [NOAA.gov](https://www.noaa.gov)

Coastal Science Assistantship Program (CSAP)
Louisiana Coastal Protection and Restoration Authority (CPRA)

This program provides graduate assistant stipends for up to three years to Master of Science students both enrolled full-time at Louisiana colleges/universities and involved in research relevant to Louisiana coastal protection and restoration efforts. The annual student stipend is \$30,000 for up to three years; however, CSAP funds may only be used to cover graduate assistantships and any associated tuition and fringe benefits in accordance with the applicant institution's normal policies.

Applications from faculty must be submitted via LSG's online eSeaGrant system by 4 December 2023; a decision on award of the assistantships will be made by CPRA by the end of January 2024.

LINKS: [LASEAGrant.org](https://www.laseagrant.org)

Undergraduate Research Opportunities Program (UROP)
LA Sea Grant

The Undergraduate Research Opportunities Program (UROP) is soliciting applications from faculty mentors of promising undergraduate students at all Louisiana universities and colleges. UROP, established in 1992 by the Louisiana Sea Grant College Program (LSG), offers the Louisiana undergraduate community funding to support hands-on research experiences in marine and coastal resource issues. Previously funded projects have dealt with topics such as coastal ecology, fisheries, aquaculture, environmental engineering and genetics. Approximately seven projects will be funded depending on funds available for the 2024 project period (March 2024 to December 2024); each faculty member will receive up to \$3,500 to cover student wages, supplies and necessary travel.

Applications will be accepted until Dec. 4, 2023, at 11:59pm CST. Apply via our online [eSeaGrant](https://www.laseagrant.org) system.

LINKS: [LASEAGrant.org](https://www.laseagrant.org)

ARTS, HUMANITIES, and INTERNATIONAL

Asian Elephant Conservation Fund FY24
Interior

Notice seeking applications to perpetuate healthy populations of Asian elephants in their native range by supporting the conservation programs of range states.

Applications are due January 31, 2024. Estimated \$7 million is available to fund 15 awards.

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

U.S. Mission Sweden PDS Annual Program Statement
State

Notice seeking proposals in security, sustainability, and inclusion in areas of Sweden. All programs must include a link to the United States and/or an element that builds understanding of the United States including, but not limited to U.S. policy, people, culture and/or perspectives.

Applications are due December 31, 2023, March 31, 2024, and June 30, 2024. Estimated \$200,000 is available to fund multiple awards.

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

Ukraine Cultural Heritage Response Initiative - Resilience Building Component
State

Notice seeking proposals to support exchanges and other activities that build or strengthen the capacity of Ukraine to protect and preserve its culture and identity.

Concept notes are due February 29, 2024. Estimated \$4.475 million is available to fund 5 to 30 awards.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

2024 NOAA Great Lakes Bay Watershed Education and Training (B-WET) program
Commerce

Notice seeking proposals for education programs to engage youth in meaningful watershed educational experiences (MWEEs) that provide memorable hands-on, experiential learning that are not typically available within traditional classrooms.

Applications are due February 29, 2024. Multiple awards with a ceiling of \$150,000 are anticipated.

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

Youth Engagement, Education, and Employment
Interior

Notice seeking applications to building and retaining diverse and inclusive workforce that reflects the ethic, age, socioeconomic and cultural backgrounds, and language diversity of contemporary America.

Applications are due September 1, 2024. Estimated \$28 million is available. Cost share of 25 percent is required.

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

Agriculture Risk Management Education Partnerships Competitive Grants Program
U.S. Department of Agriculture

Notice seeking applications to educate agricultural producers about the full range of risk management activities. These activities include futures, options, agricultural trade options, crop insurance, cash forward

contracting, debt reduction, production diversification, marketing plans and tactics, farm resources risk reduction, and other appropriate risk management strategies.

Applications are due January 15, 2024. Estimated \$9.05 million is available to fund five awards.

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

FY24 Bureau of Land Management Headquarters (HQ) National Conservation Lands-Management Studies Support Program
Interior

Notice seeking applications to support studies aimed at increasing our understanding of the resources present on BLM lands 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 by engaging partners in conducting management-focused research on the National Conservation Lands.

Applications are due February 1, 2024. Estimated \$350,000 is available to fund up to nine awards.

LINKS: [Grants.gov](#)

FY24 IJJA-IRA Bureau of Land Management Headquarters (HQ) Wildlife Program
Interior

Notice seeking applications that support maintaining functioning wildlife habitats, developing, and implementing restoration projects, and the inventory and monitoring of priority habitats and species to track trends and use on public lands.

Applications are due January 19, 2024. Estimated \$4 million is available to fund 20 awards.

LINKS: [Grants.gov](#)

N2023 Inflation Reduction Act Climate-Ready Workforce for Coastal States and Territories Competition
Commerce

Notice seeking applications designed to meet the emerging and existing skills needs of employers while helping workers enter good jobs, so that together they may enhance climate resilience.

Required Letters of Intent are due November 30, 2023. Applications are due February 13, 2024. Estimated \$50 million is available to fund 10 to 20 awards.

LINKS: [Grants.gov](#)

HEALTH and MENTAL HEALTH

Blueprint Neurotherapeutics Network (BPN): Small Molecule Drug Discovery and Development of Disorders of the Nervous System (UG3 UH3 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals from neuroscience investigators seeking support to advance their small molecule drug discovery and development projects into the clinic.

Applications are due February 9, 2024. Multiple awards are anticipated.

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

NHLBI Clinical Trial Pilot Studies (R34 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals for studies that are both necessary and sufficient to inform the planning of a Phase II-IV clinical trial within NHLBI's mission.

Applications are due February 16, 2024. Multiple awards with a three-year ceiling of \$450,000 are anticipated.

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

NIAID Research Education Program Advancing the Careers of a Diverse Research Workforce (R25 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research.

Applications are due January 25, 2024. Multiple awards are anticipated.

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

Advancing Genomic Medicine Research (R01 and R21 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications that stimulate innovation and advance understanding of when, where, and how best to implement the use and sharing of genomic information and technologies in clinical care provided to all persons irrespective of racial/ethnic background or socioeconomic status. Available mechanisms include [R01 grants](#) and [R21 grants](#).

Applications are due December 1, 2023, July 8, 2024, and February 11, 2025. Estimated \$3.1 million is available to fund up to four R01 awards. Estimated \$1.5 million is available to fund up to four R21 awards.

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

Clinical Observational (CO) Studies in Musculoskeletal, Rheumatic, and Skin Diseases (R01 Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to pursue clinical observational (CO) studies to obtain data necessary for designing clinical studies for musculoskeletal, rheumatic, or skin diseases or conditions.

Applications are due annually on March 4, July 2, and November 1. Program expires November 3, 2026.

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

Exploratory Clinical Trial Grants in Arthritis and Musculoskeletal and Skin Diseases (R61 Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications designed to facilitate clinical trials that can be completed within a limited time frame for the prevention or reduction of symptoms and improve outcomes and function in patients with rheumatic, musculoskeletal, or skin conditions or diseases.

Applications are due March 4, 2024, July 2, 2024, and November 1, 2024. Program expires November 3, 2026.

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

Multi-sectoral preventive interventions that address social determinants of health in populations that experience health disparities (UG3-UH3, Clinical Trial Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support projects to test prospective multi-sectoral preventive interventions that address social determinants of health in populations that experience health disparities.

Applications are due August 5, 2024.

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

NCI Pathway to Independence Award for Early-Stage Postdoctoral Researchers (K99-R00 - Independent Clinical Trial and Independent Basic Experimental Studies with Humans Required)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to increase and maintain a strong cohort of new and talented, NCI-supported, independent investigators. This program is designed for postdoctoral fellows with research and/or clinical doctoral degrees who do not require an extended period of mentored research training beyond their doctoral degrees.

Applications are due February 14, 2024, June 14, 2024, and October 15, 2024. Program expires October 15, 2026.

LINKS: [Grants.gov \(Clinical Trial Required\)](#); [Grants.gov \(Basic Experimental Studies with Humans Required\)](#)

NCI Pathway to Independence Award for Early-Stage Postdoctoral Researchers (K99-R00 - Independent Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to increase and maintain a strong cohort of new and talented, NCI-supported, independent investigators. This program is designed for postdoctoral fellows with research and/or clinical doctoral degrees who do not require an extended period of mentored research training beyond their doctoral degrees.

Applications are due February 14, 2024, June 14, 2024, and October 15, 2024. Program expires October 15, 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 for low interest loans for individuals studying to be nurse faculty and loan cancelation for those who then go on to work as faculty.

Applications are due February 5, 2024. Estimated \$26.5 million is available to fund multiple loans.

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

Phased Research to Support Substance Use Epidemiology, Prevention, and Services Studies (R61 R33 Clinical Trials Optional)

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

Notice seeking proposals for translational research across epidemiology, services, and prevention research to relieve the burden of substance use on public health.

Proposals are due February 14, 2024. Multiple awards are anticipated.

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

The National Drug Abuse Treatment Clinical Trials Network (UG1 Clinical Trial Required)

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

Notice seeking applications to continue to develop and test interventions for addressing the wide spectrum of substance use problems via collaborative partnerships among NIDA, clinical research investigators, community representatives, healthcare providers, and healthcare institutions. Only one application per institution is allowed.

Applications are due March 13, 2024. Estimated \$12 million is available to fund up to 16 awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Designing Synthetic Cells Beyond the Bounds of Evolution

National Science Foundation

Notice seeking proposals for research that: develops cell-like systems to identify the minimal requirements for the processes of life; designs synthetically-modified cells to address fundamental questions in the evolution of life or to explore biological diversity beyond that which currently exists in nature; and leverages basic research in cell design to build novel synthetic cell-like systems and cells for innovative biotechnology applications.

Proposals are due February 1, 2024. Estimated \$6 million is available to fund up to seven awards.

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

Objective Prediction of Team Effectiveness via Models of Performance Outcomes (OP TEMPO)
Defense

Notice seeking proposals to explore whether bio-behavioral signals can be used as valid, objective signatures of team performance in DoD training assessments.

Proposals are due January 31, 2024. Multiple awards are anticipated.

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

Strategic Environmental Research and Development Program (SERDP) Core Broad Agency
Announcement

Defense

Notice seeking proposals responding to Statement of Need (SON) to fund research and development that addresses environmental issues relevant to the management and mission of DoD. SERDP-supported efforts lead to the development and application of innovative environmental technologies or methods that improve the environmental performance of DoD by improving outcomes, managing environmental risks, and/or reducing costs or time required to resolve environmental problems.

Required pre-proposals are due January 9, 2024 to [SEMS](#).

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

Next-Generation Microelectronics Manufacturing (NGMM) Phase 1 and Phase 2 Proposers Day Special Notice Defense

Notice announcing a proposers' day for Next-Generation Microelectronics Manufacturing (NGMM) Phase 1 and Phase 2. The NGMM program will advance the state-of-the-art (SOTA) in three-dimensional heterogeneously-integrated 3DHI microelectronics through the formation of a domestic open-access prototyping and pilot line center accessible to users in academia, Government, and industry.

The meeting will be held November 28, 2023 from 8:30 a.m. to 12:30 p.m. ET at the Booz Allen Hamilton Conference Center, 8283 Greensboro Drive, McLean, VA. Advance registration is required. Registrations are due by November 21, 2023 at <https://cvent.me/4LZeQg>.

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

Buildings Energy Efficiency Frontiers Innovation Technologies (BENEFIT) 2024 Energy

Notice seeking applications to support applied research, development, and demonstration activities in high-priority building technologies, including next-generation HVAC, envelope, and lighting retrofits, as well as technologies that enhance the resilience of buildings and allow them to be assets to the electrical grid.

Concept papers are due December 18, 2023. Estimated \$13 million to \$30 million is available to fund 12 to 26 awards. Twenty percent cost share is required.

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

Incorporating Human Behavior in Epidemiological Models National Science Foundation

Notice seeking proposals to support research that incorporates research on social and behavioral processes in mathematical epidemiological models. The program provides support for projects that involve balanced participation from the mathematical sciences and from the social, behavioral, and economic sciences.

Proposals are due February 14, 2024. Up to \$5.5 million is available to fund 10 to 15 awards.

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

International Research Experiences for Students National Science Foundation

Notice seeking proposals to support international research and research-related activities for U.S. science and engineering students. The IRES program contributes to development of a diverse, globally engaged workforce with world-class skills.

Proposals are due February 5, 2024 and October 28, 2024. Estimated \$12 million is available to fund 20 to 25 awards.

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

ROSES 2023: F.5 Future Investigators in NASA Earth and Space Science and Technology
National Aeronautics and Space Administration

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, 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 6, 2024. Up to 60 awards are anticipated.

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

Young Faculty Award (YFA) 2024
Defense

Notice seeking proposals from rising stars in junior research positions in academia and equivalent positions at non-profit research institutions, particularly those without prior DARPA funding, to expose them to Department of Defense (DoD) needs and DARPA's mission to create and prevent technological surprise.

Applications are due February 22, 2024. Multiple awards are anticipated.

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