

UNO FOCUS:

Petroleum Research Fund (PRF)
American Chemical Society (ACS)

Proposals must focus on fundamental petroleum research, including research related to petroleum-derived materials in one of ten specified subject matter areas. It is important to note that while the PRF Trust imposes restrictions, PRF currently funds various topics of interest in sustainability and green chemistry. These topics include new catalysts and the upgrading/utilization of methane and carbon dioxide.

The next proposal submission window for the ACS Petroleum Research Fund (PRF) opens on Monday, February 12, 2024 and closes on Friday, March 8, 2024 (5:00 PM EST).

LINKS: [ACS.org](https://www.acs.org)

Gulf Research Program (GRP)
National Academies of Sciences, Engineering, & Medicine

The Gulf Research Program (GRP) is currently accepting applications for three fellowship opportunities.

The Science Policy Fellows (SPF) gain first-hand experience at the interface of science and policy as they spend one year alongside decision-makers at agencies across Alabama, Florida, Louisiana, Mississippi, and Texas. Applications are due by February 7th, 2024. Audience: Graduate Students (Master's and PhD).

The Early-Career Research Fellowship (ECRF) supports emerging scientific leaders as they take risks on research ideas not yet tested, pursue unique collaborations, and build a network of colleagues who share their interest in improving the well-being of coastal communities and ecosystems. Applications are due by March 6, 2024. Audience: Early-Career Researchers/Faculty who completed their PhD in the last 10 years working on research topics relevant to the track goals listed below.

LINKS: [SPF](#); [ECRF](#)

Supervised Undergraduate Research Experience (SURE)
Louisiana EPSCoR

A goal of the Louisiana Established Program to Stimulate Competitive Research (LAEPSCoR) project, funded by the National Science Foundation (NSF), is to increase the participation of women and other underrepresented minorities and in STEM (Science, Technology, Engineering, and Mathematics) fields. The Supervised Undergraduate Research Experiences (SURE) program seeks to further this goal by fostering opportunities for such students to conduct supervised research with a faculty mentor.

Deadline for proposals is Wednesday, February 28, 2023.

LINKS: [SURE](#)

Student Airborne Research Program (SARP)
NASA

NASA ECR's Student Airborne Research Program (SARP) is a unique opportunity for undergraduate students to engage in all aspects of a scientific campaign, including airborne science, and to work closely with NASA Earth scientists to create a thriving world driven by trusted, actionable Earth science.

The application is open now through January 31, 2024.

LINKS: [SARP](#)

Future Investigators in NASA Earth and Space Science and Technology (FINESST)
NASA

Another exiting opportunity is the Future Investigators in NASA Earth and Space Science and Technology (FINESST) for graduate students. The Future Investigator, with support and empowerment from their mentor (who serves as the Principal Investigator), designs and conducts research using NASA data to help answer some of the biggest challenges facing our planet.

The FINESST deadline is February 6, 2024.

LINKS: [FINESST](#)

ARTS, HUMANITIES, and INTERNATIONAL

U.S. Embassy Kigali Public Diplomacy Annual Program Statement
State

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and Rwanda through cultural and exchange programming that highlights shared values and promotes bilateral cooperation.

Proposals are due May 31, 2024. The maximum amount for awards is \$25,000.

LINKS: [Grants.gov](#)

U.S. Embassy Ottawa, Public Diplomacy Section, Annual Program Statement
State

Notice seeking proposals for projects that strengthen ties between Canada and the United States through programming that promotes bilateral cooperation and mutual understanding.

Required Statements of Interest are due March 15, 2024. The maximum amount for awards is \$250,000.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Equipment Grants Program
U.S. Department of Agriculture

Notice seeking proposals to increase access to shared-use special purpose equipment/instruments for fundamental and applied research for use in the food and agricultural sciences programs at institutions of higher education, including State Cooperative Extension Systems.

Proposals are due May 3, 2024. Estimated \$4.8 million is available to fund 15 awards.

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

Higher Education Challenge Grants Program
U.S. Department of Agriculture

Notice seeking proposals to strengthen institutional capacities, including curriculum, faculty, scientific instrumentation, instruction delivery systems, and student recruitment and retention, to respond to identified

state, regional, national, or international educational needs in the food and agricultural sciences, or in rural economic, community, and business development.

Proposals are due March 5, 2024. An estimated 18 awards with a ceiling of \$750,000.

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

OVW Fiscal Year 2024 Training and Technical Assistance Initiative
Justice

Notice seeking proposals to provide direct training and technical assistance to current and potential OVW recipients and subrecipients to enhance their efforts to successfully implement projects supported by OVW grant funds.

Proposals are due March 7, 2024. Estimated \$43 million is available to fund 62 awards.

LINKS: [Grants.gov](#)

Rural Health and Safety Education Competitive Grants Program
U.S. Department of Agriculture

Notice seeking proposals for community-based outreach education programs, such as those conducted through Human Science extension outreach that provide individuals and families with: information as to the value of good health at any age; information to increase individual or family's motivation to take more responsibility for their own health; information regarding rural environmental health issues that directly impact human health; information about and access to health promotion and educational activities; and training for volunteers and health services providers concerning health promotion and health care services for individuals and families in cooperation with state, local, and community partners.

Proposals are due March 14, 2024. Estimated \$5 million is available to fund up to 12 awards.

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

Beginning Farmer and Rancher Development Program
U.S. Department of Agriculture

Notice seeking proposals to support the delivery of education, outreach, and technical assistance for beginning farmers and ranchers in the United States and its territories that are entering, establishing, building, and managing successful farm and ranch enterprises.

Proposals are due April 4, 2024. Estimated \$24 million is available to fund multiple awards. Cost sharing is required.

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

Centers of Excellence for Stormwater Control Infrastructure Technologies Grant Program
Environmental Protection Agency

Notice seeking applications to establish and maintain regional Centers of Excellence for new and emerging stormwater control infrastructure technologies, with the goal of improving the effectiveness, cost efficiency, and protection of public safety and water quality.

Applications are due March 18, 2024. Questions are due March 1, 2024. Estimated \$3 million is available to fund up to five awards.

LINKS: [Grants.gov](#)

NIJ FY24 Research on the Abuse, Neglect, and Financial Exploitation of Older Adults
Justice

Notice seeking applications for funding rigorous research and evaluation projects in four topical areas: (1) evaluation of programs that seek to prevent, intervene in, or respond to the abuse, neglect, and financial exploitation of older adults; (2) evaluation of prevention and education programs related to financial fraud and exploitation of older adults (including the efficacy of scam prevention messaging campaigns); (3) research on individuals who abuse (either financially, physically, sexually, and/or emotionally) or neglect older adults; and (4) forensic research involving the development of radiographic evidence and bioinformatic approaches relevant to the physical abuse of older adults.

Applications are due April 1, 2024. Estimated \$1.5 million is available.

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

HEALTH and MENTAL HEALTH

Transplantation of Human Eye Allografts (THEA)
U.S. Department of Health and Human Services, National Institutes of Health

Notice announcing a proposers' day for Transplantation of Human Eye Allografts (THEA). The THEA program aims to make whole eye transplantation a reality for the recovery of vision loss in patients with total blindness from retinal and optic nerve disease.

The proposers' day will be held February 15, 2024, from 9:00 a.m. to 5:00 p.m. ET. Advanced registration is required. Registrations are due by February 5, 2024.

LINKS: [Contract Opportunities](#)

High Priority HIV and Substance Use Research (RM1 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking applications to support high priority research at the intersection of HIV and substance use. This NOFO invites research projects with the potential to open new areas of basic and clinical HIV/AIDS research and/or lead to new avenues for prevention, treatment and cure of HIV among people who use addictive substances.

Applications are due annually on August 15 and February 11. Program expires February 12, 2027. Estimated \$3 million is available.

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

Transplantation of Human Eye Allografts (THEA)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to make whole eye transplantation a reality for the recovery of vision loss in patients with total blindness from retinal and optic nerve disease.

Required abstracts are due March 1, 2024. Proposals are due April 15, 2024. Multiple awards are anticipated.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Algorithms for Threat Detection
National Science Foundation

Notice seeking proposals for research projects to develop the next generation of mathematical and statistical algorithms for analysis of large spatiotemporal datasets with application to quantitative models of human dynamics.

Proposals are due April 10, 2024. Estimated \$3 million is available to fund 20 awards.

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

Creating Hardened and Durable Fusion First Wall Incorporating Centralized Knowledge (CHADWICK)
Energy

Notice seeking proposals to pursue discovery and testing of novel, first-wall materials that will maintain design performance over the target 40-year design lifetime of a fusion power plant.

Required concept papers are due February 13, 2024. Estimated \$30 million is available to fund seven to eight awards. Cost sharing is required.

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

Data Reduction for Science
Energy

Notice seeking proposals to support applied mathematics and computer science approaches addressing one or more of the following priorities: effective algorithms and tools that can be trusted by scientists for accuracy and efficiency; progressive reduction algorithms that enable data to be prioritized for efficient streaming; algorithms which can preserve information in features and quantities of interest with quantified uncertainty; and mapping techniques to new architectures and use cases.

Required pre-applications are due April 2, 2024. Estimated \$15 million is available to fund multiple awards.

LINKS: [Grants.gov](#)

Fiscal Year 2024 Science, Technology, Engineering and Mathematics (STEM) Program
Defense

Notice seeking proposals to provide solutions that establish, build, and/or maintain STEM educational pathways and workforce opportunities for diverse U.S. citizens directly relevant to AFOSR science and technology areas. This announcement explicitly encourages projects that improve the capacity of education systems and communities to create impactful STEM educational experiences for students of all ages and the air and space-related workforce.

Proposals are due April 12, 2024. Questions are due March 29, 2024. Estimated \$1.8 million is available to fund multiple awards.

LINKS: [Grants.gov](#)

Marine Energy University Foundational R&D
Energy

Notice seeking proposals to support foundational research at domestic institutions of higher education, including Minority Serving Institutions (MSI), to address challenges faced by marine energy industries and spur innovation and development. It will provide funding for foundational R&D activities to advance marine energy and offshore wind technologies, enabling broader utilization of ocean renewable energy sources.

Required concept papers are due February 20, 2024. Estimated \$14.5 million is available to fund up to 33 awards.

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

Systems, Technologies, and Emerging Capabilities Broad Agency Announcement Defense

Notice seeking proposals for novel architecture concepts, systems, technologies, and capabilities that enable leap-ahead improvements for future Proliferated Warfighter Space Architecture (PWSA) tranches, capability layers, or, enable new capability layers to address other emerging or evolving warfighter needs.

Proposals are due January 15, 2025. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)