

UNO FOCUS:

2025 Ernest Orlando Lawrence Award
U.S. Department of Energy (DOE)

The Lawrence Award honors mid-career U.S. scientists and engineers for exceptional technical contributions and achievements in research and development supporting DOE's mission and its programs to advance the national, economic, and energy security of the United States. Awards will be considered in each of the following nine categories: Atomic, Molecular, and Chemical Sciences; Biological and Environmental Sciences; Computer, Information, and Knowledge Sciences; Condensed Matter and Materials Sciences; Energy Science and Innovation; Fusion and Plasma Sciences; High Energy Physics; National Security and Nonproliferation; and Nuclear Physics.

The deadline to submit nominations is 5:00 p.m. Eastern Time, Thursday, May 9, 2024. Nominations must include statements summarizing the candidate's achievements and connection to DOE support, three to six letters of support, a curriculum vitae, and a short bibliography.

LINKS: [Energy.gov](https://energy.gov)

ARTS, HUMANITIES, and INTERNATIONAL

2024 Title VIII (Research and Training on Eastern Europe and Eurasia)
State

Notice seeking proposals with interest and expertise in conducting research and training to implement programs concerning the countries of Eastern Europe and the independent states of the former Soviet Union.

Proposals are due May 21, 2024. Questions are accepted between April 18-24, 2004. Estimated \$1.976 million is available to fund up to 10 awards.

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

U.S. and Foreign Commercial Service Pilot Fellowship Program
Commerce

Notice seeking proposals to provide an opportunity for Master's degree students in the fields of International Affairs, International Relations, International Studies, Economics, Business, Trade, Public Administration, or Public Policy, to increase their level of knowledge and awareness of the Foreign Commercial Service (FCS) and its vital role in promoting American exports and facilitating trade and commerce around the world.

Proposals are due April 12, 2024. Estimated \$1 million is available to fund multiple award.

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

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

Notice seeking proposals that provides funding for well-conceived projects that support U.S. Embassy Santiago's strategic priorities in Chile. All proposed projects should strengthen bilateral ties between the United States and Chile and include a clear U.S. element that will promote increased understanding of the United States among the Chilean public.

Required statements of interest are due May 15, 2024. Estimated \$500,000 is available to fund up to eight awards.

LINKS: [Grants.gov](#)

U.S. Embassy Buenos Aires PAS Annual Grants Fund
State

Notice seeking proposals in carrying out programs, providing new opportunities for citizen engagement, sharing best practices, and promoting and advancing issues of public importance.

Proposals are due August 15, 2024. The maximum amount for awards is \$50,000.

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

U.S. Embassy Niamey PDS Annual Program Statement
State

Notice seeking proposals to use the award as seed money to generate buy-in from other stakeholders. We will be looking for partnerships and cost-sharing with host country civil society organizations and the business community that can extend the impact of your proposals. Competitive proposals will also address the issue of sustainability.

Proposals are due July 1, 2024. Estimated \$60,000 is available to fund up to 10 awards.

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

BJA FY24 Strengthening the Medical Examiner-Coroner System Program
Justice

Notice seeking proposals to fund applications to strengthen the ME/C system by increasing the number of qualified forensic pathologists and enhance the quality of medicolegal death investigations nationwide.

Proposals are due April 10, 2024. Estimated \$2.05 million is available to fund up to 13 awards.

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

Emergency Citrus Disease Research and Extension Program - Pre-Applications
U.S. Department of Agriculture

Notice seeking pre-applications to develop effective tactics and strategies to control HLB and its disease complex for financially sustainable citrus production in the United States. All projects funded by the ECDRE program will incorporate collaborative approaches that integrate available knowledge to develop new solutions that can be deployed by growers to manage and prevent HLB infection in the near term.

Pre-applications are due March 28, 2024. Estimated \$21,487,790 is available to fund multiple awards.

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

FY2024 Implementation of the Quagga and Zebra Mussel Action Plan (QZAP) in the Western United States
Interior

Notice seeking proposals that will reduce or minimize the threat of quagga and zebra mussels to Western U.S. waters.

Proposals are due April 15, 2024. Estimated \$2.2 million is available to fund 10 awards.

LINKS: [Grants.gov](#)

Model Demonstration Projects to Develop Equitable Family Engagement with Underserved Families of Children with Disabilities, Assistance Listing Number 84.326M
Education

Notice seeking proposals for evidence-based practices, including interventions and implementation strategies (i.e., core model components), that research suggests will improve outcomes for children, families, personnel, administrators, or systems, when implemented with fidelity.

Proposals are due April 24, 2024. Estimated \$1.6 million is available to fund four awards.

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

NIJ FY24 Research and Evaluation on 911, Alternative Hotlines, and Alternative Responder Models
Justice

Notice seeking proposals for research and evaluation proposals on the ability of 911 and alternative, three-digit service numbers (e.g., 311, 211, 988) to assess public service and safety needs and respond to them safely, efficiently, effectively, and equitably.

Proposals are due April 30, 2024. Estimated \$3 million is available to fund three to six awards.

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

OVW Fiscal Year 2024 Rural Domestic Violence, Dating Violence, Sexual Assault, and Stalking Program
Justice

Notice seeking proposals to support efforts to enhance the safety of rural victims of domestic violence, dating violence, sexual assault, and stalking and supports projects uniquely designed to address and prevent these crimes in rural areas.

Proposals are due April 12, 2024. Estimated \$36.4 million is available to fund up to 55 awards.

LINKS: [Grants.gov](#)

The Gus Schumacher Nutrition Incentive Program Competitive Grants Program
U.S. Department of Agriculture

Notice seeking proposals designed to support growth through three incremental program areas. These program areas nurture eligible organizations to initiate pilot projects, then increase their capacity and scale to propose projects with greater reach, scope, and complexity to standard projects and large-scale projects.

Proposals are due May 14, 2024. Estimated \$36.3 million is available.

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

Federal TRIO Programs: Training Program for Federal TRIO Programs, Assistance Listing Number 84.103A

Education

Notice seeking proposals to provide grants to train staff and leadership personnel employed in, participating in, or preparing for employment in, projects funded under the Federal TRIO Programs, to improve project operation.

Proposals are due April 16, 2024. Estimated \$4.38 million is available to fund up to 13 awards.

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

NIJ FY24 Measurement of Community Perceptions Justice

Notice seeking proposals for research on, and demonstration projects of, improved approaches to measuring community perceptions of policing and public safety.

Proposals are due May 2, 2024. Estimated \$1 million is available to fund multiple awards.

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

Special Research Grants for Aquaculture Research Program U.S. Department of Agriculture

Notice seeking proposals to support the development of an environmentally and economically sustainable aquaculture industry in the U.S. and generate new science-based information and innovation to address industry constraints.

Proposals are due April 15, 2024. An estimated six awards with a ceiling of \$300,000 are anticipated.

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

HEALTH and MENTAL HEALTH

Behavioral Risk Factor Surveillance System (BRFSS): Impact on Population Health U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals to monitor health risk behaviors at various administrative levels using a standardized telephone questionnaire under the BRFSS surveillance system.

Proposals are due April 15, 2024. An estimated 57 awards with a ceiling of \$600,000 are anticipated.

LINKS: [Grants.gov](#)

NIA Career Transition Award (K22 Independent Clinical Trial Not Allowed)

FON: PAR-24-120

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

Notice seeking proposals to facilitate the transition of mentored researchers to tenure-track faculty conducting research that advances the mission of the National Institute on Aging.

Proposals are due June 12, 2024. Multiple awards are anticipated.

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

NINDS Research Education Programs for Residents and Fellows in Neurological Disorders and Stroke (UE5 - Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

Proposals are due April 15, 2024. The number and amount of awards may vary.

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

Advancing Health Equity in Asthma Control through EXHALE Strategies
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals to support progress toward: reducing asthma-related emergency department visits, hospitalizations, mortality, and disparities; implementing EXHALE strategies for populations with high asthma prevalence; and improving organizational infrastructure to advance health equity and sustainability.

Proposals are due April 19, 2024. Estimated \$16 million is available to fund up to 28 awards.

LINKS: [Grants.gov](#)

BRAIN Initiative: Research on the Ethical Implications of Advancements in Neurotechnology and Brain Science (R01 and R21 Clinical Trial Optional)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative. [R01](#) and [R21](#) project types are being accepted.

Proposals are due October 11, 2024. Estimated \$3 million is available to fund up to eight awards.

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

Development and Validation of Human Cellular Models for Alzheimer's Disease-Related Dementias (ADRD) (R01 - Clinical Trial Not Allowed)
U.S. Department of Health and Human Services, National Institutes of Health

Notice seeking proposals to support the development and validation of novel, complex, and pathophysiologically relevant human cellular models of Alzheimer's Disease Related Dementias (ADRD). The cellular model system needs to reflect multiple aspects of the human condition as much as possible, such as capturing the multiple pathologies and brain cell types observed in ADRD.

Proposals are due June 20, 2024 and October 21, 2024. Estimated \$4.5 million is available to fund up to six awards.

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

Drug-Free Communities (DFC) Support Program - NEW (Year 1)
U.S. Department of Health and Human Services, Centers for Disease Control and Prevention

Notice seeking proposals to establish and strengthen collaboration to support the efforts of community coalitions working to prevent youth substance use. By statute, the DFC Support Program has two goals: Establish and strengthen collaboration among communities, public and private non-profit agencies, as well as federal, state, local, and tribal governments to support the efforts of community coalitions

working to prevent and reduce substance abuse among youth (individuals 18 years of age and younger); and Reduce substance abuse among youth and, over time, reduce substance abuse among adults by addressing the factors in a community that increase the risk of substance abuse and promoting the factors that minimize the risk of substance abuse.

Proposals are due April 17, 2024. Estimated \$62.5 million is available to fund up to 100 awards.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

ACED: Accelerating Computing-Enabled Scientific Discovery
National Science Foundation

Notice seeking proposals to harness computing to accelerate scientific discovery, while driving new computing advancements. The intent is to catalyze advancements on both sides of a virtuous cycle that: (a) benefit scientific disciplines through computational technologies and (b) foster novel computing technologies that will enable advances beyond the specific use cases or domains originally targeted. The program seeks continuous collaborations between at least two groups of researchers.

Proposals are due May 13, 2024 for Emerging Ideas Proposals. Proposals are due January 14, 2025 for Discovery Proposals. Estimated \$15 million is available to fund 42 awards.

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

Adaptive Capabilities Office (ACO) and Aerospace Projects Office (APO) Office-Wide Broad Agency Announcement

FON: HR001124S0017

Defense

Notice seeking proposals for revolutionary research ideas for topics of interest for the Adaptive Capabilities Office (ACO) and Aerospace Projects Office (APO).

Required abstracts are due on a rolling basis until November 30, 2024. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

Advancements in Artificial Intelligence for Science
Energy

Notice seeking proposals for basic computer science and applied mathematics research in the fundamentals of Artificial Intelligence (AI) for science.

Required pre-applications are due March 19, 2024. Estimated \$36 million is available to fund six to eight awards.

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

BioLogical Undersea Energy (BLUE)
Defense

Notice seeking proposals to develop technologies to continuously provide electrical power that will expand the capabilities of remote, ocean-deployed sensor systems. Such systems hold great potential for national security, understanding dynamics of marine environments, and monitoring marine climate change.

Proposals are due April 30, 2024. Abstracts are encouraged and due March 14, 2024. Multiple awards are anticipated.

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

Carbon Negative Shot Pilots Energy

Notice seeking proposals that aim to capture carbon from the atmosphere, with the resultant carbon stored or utilized for carbon removal.

Proposals are due April 16, 2024. Estimated \$100,000 is available to fund up to 20 awards. The cost share must be at least 20 percent.

LINKS: [Grants.gov](#)

Changing Hydrodynamics and Aerodynamics On Structures (CHAOS) Defense

Notice seeking proposals on understanding and quantifying the unsteady pressure and shear stress fluctuations that act on the surface. It will characterize these fluctuating quantities as a function of space and time, or equivalent definition in the wavenumber-frequency domain. This is a Disruption Opportunity.

Proposals are due March 27, 2024. Multiple awards are anticipated. The total value for both Phase 1 and Phase 2 is \$2 million.

LINKS: [Contract Opportunities](#)

Division of Molecular and Cellular Biosciences Core Programs National Science Foundation

Notice seeking proposals to support research that promises to uncover the fundamental properties of living systems across atomic, molecular, sub-cellular, and cellular scales. The program gives high priority to projects that advance mechanistic understanding of the structure, function, and evolution of molecular, sub-cellular, and cellular systems, especially research that aims at quantitative and predictive knowledge of complex behavior and emergent properties.

Proposals are accepted anytime. Estimated \$110 million is available to fund 120 awards.

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

Established Program to Stimulate Competitive Research (EPSCoR): Workshop Opportunities National Science Foundation

Notice seeking proposals that facilitates the establishment of partnerships among academic institutions, government, industry, and non-profit sectors that are designed to promote sustainable improvements in an EPSCoR-eligible jurisdiction's research infrastructure, Research and Development (R&D) capacity, and R&D competitiveness.

Proposals are accepted anytime. Estimated \$1.5 million is available to fund up to 20 awards.

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

Energy

Notice seeking proposals to address outreach, education, technical assistance, workforce training, and other innovative demonstration or deployment projects that advance the mission of an affordable, equitable, and decarbonized transportation system.

Concept papers are due March 12, 2024. Estimated \$15 million is available to fund 12 to 18 awards.

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

Flexible and Innovative Transformer Technologies (FITT) Energy

Notice seeking proposals for innovative designs, prototypes, and field demonstration exercises of advanced distribution and/or power transformers (e.g., flexible, modular, scalable, hybrid, and solid-state transformers) that can be readily utilized across a range of distribution to transmission scale applications.

Proposals are due April 12, 2024. Estimated \$18 million is available to fund five to nine awards.

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

FY25 Young Investigator Program Defense

Notice seeking proposals to identify and support academic scientists and engineers who are in their first or second full-time tenure-track or tenure-track-equivalent academic appointment, who have received their PhD or equivalent degree on or after 01 January 2017, and who show exceptional promise for doing creative research.

Proposals are due April 30, 2024. Questions are due April 16, 2024. Estimated \$18.75 million is available to fund up to 25 awards.

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

Multi-Messenger Coordination for Windows on the Universe National Science Foundation

Notice seeking proposals to support the development of pathways or networks to increase the coordination and optimization of follow-up observations for Multi-Messenger Astrophysics (MMA) campaigns.

Proposals are due May 13, 2024. Estimated \$7.5 million is available to fund three to five awards.

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

Networking the Fight Defense

Notice seeking research proposals aimed at enhancing information sharing flexibility at the tactical edge. The focus of this research is to enable secure movement of information across security domains, and across "red-black" boundaries, spanning heterogeneous networks. This research will develop a capability to transmit and manage information flows seamlessly across various physical domains, including air, space, and ground.

Required white papers are due February 28, 2024. Estimated \$4 million is available to fund multiple awards in FY 24.

LINKS: [Contract Opportunities](#)

ROSES 2024: Research Opportunities in Space and Earth Science
National Aeronautics and Space Administration

Notice seeking proposals for basic and applied research in support of NASA's Science Mission Directorate (SMD).

Proposals are due May 14, 2024. The number and amount of awards may vary.

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

Developmental Sciences
National Science Foundation

Notice seeking proposals for research that addresses developmental processes within the domains of perceptual, cognitive, social, emotional, language, and motor development across the lifespan by working with any appropriate populations for the topics of interest including infants, children, adolescents, adults (including aging populations), and non-human animals.

Proposals are due July 30, 2024. Estimated \$6.5 million is available to fund up to 12 awards.

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

Division of Environmental Biology
National Science Foundation

Notice seeking proposals for research and training on evolutionary and ecological processes acting at the level of populations, species, communities, ecosystems, macrosystems, and biogeographic extents.

Proposals are accepted at any time. Estimated \$100 million is available to fund up to 120 awards.

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

Division of Integrative Organismal Systems Core Programs
National Science Foundation

Notice seeking proposals to support research to understand why organisms are structured the way they are and function as they do. Proposals are welcomed in all of the core scientific program areas supported by the Division of Integrative Organismal Systems (IOS).

Proposals are accepted anytime. Estimated \$70 million is available to fund up to 150 awards.

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

Plant Genome Research Program
National Science Foundation

Notice seeking proposals to support genome-scale research that addresses challenging questions of biological, societal and economic importance. The program encourages the development of innovative tools, technologies, and resources that empower a broad plant research community to answer scientific questions on a genome-wide scale.

Proposals are accepted anytime. Estimated \$30 million is available to fund 15 to 20 awards.

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

U.S. Nuclear Regulatory Commission Notice of Funding Opportunity (NOFO), Research and Development Grant, Fiscal (FY) 2024
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.

Proposals are due April 1, 2024. Estimated \$9 million to \$10 million is available to fund 20 awards.

LINKS: [Grants.gov](#)