

UNO FOCUS

Graduate Student Research Fellowships
National Wildlife Federation

National Wildlife Federation Graduate Student Fellows help to inform and strengthen NWF Education and Engagement programs through dedicated research projects. Monetary fellowship grants are awarded to graduate students working with NWF staff on research that helps to expand the content and development of a variety of efforts across NWF's Education and Engagement programs. Fellows join a national network of current and alumni fellows, many of whom have gone on to lead new businesses, agencies, and programs for sustainability all across the U.S. They are currently accepting applications for the following six graduate student Fellowship Positions. Click on the link below to access detailed information for the Fellowship opportunity and instructions on how to apply.

The deadline to submit applications is April 22nd, 2022 by midnight EST.

LINKS: [NWF.org](https://www.nwf.org)

ARTS, HUMANITIES, and INTERNATIONAL

Public Diplomacy Small Grants Program
Department of State (State)

Notice seeking proposals that strengthen ties between the U.S. and Iraq through programming that highlights shared values and promotes bilateral cooperation.

Proposals are due September 30, 2022. Approximately \$300,000 is available to fund up to 15 awards.

Limited Submission: Only one proposal per organization

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

FY2021 Historic Preservation Fund - Semiquincentennial Grants
Department of the Interior (Interior)

Notice seeking proposals for the preservation of sites significant for their ability to convey the founding and development of America as a nation ending with the election of 1800.

Applications are due May 3, 2022. An estimated 20 to 30 awards of up to \$500,000 are anticipated.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Apprenticeship Building America (ABA) Grant Program
Department of Labor (Labor), Employment and Training Administration (ETA)

Notice seeking applications to continue efforts to expand, diversify, and strengthen the Registered Apprenticeship system through support for public and private partnerships designed to serve a range of industries and individuals. Registered Apprenticeship Programs (RAPs) are a strategy that allows industry, workforce stakeholders, and the education community to match career seekers with in-demand jobs in diverse industries and occupations.

Applications are due April 25, 2022. Approximately \$113 million is available to fund 20 to 30 awards.

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

Bureau of Land Management National Fisheries and Aquatic Resources Management
Bureau of Land Management (BLM), Department of the Interior (Interior)

Notice seeking applications to support myriad species of plants, fish, and wildlife; provide ecosystem services such as drinking water, pollination, and nutrient cycling; attenuate wildfires, floods, and drought; and are key to the vitality of local economies and communities.

Applications are due April 22, 2022. Approximately \$2.5 million is available to fund six awards.

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

International Foreign Language Education (IFLE): Language Resource Centers Program, Assistance Listing Number (ALN) 84.229A
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications for establishing, strengthening, and operating centers that serve as resources for improving the Nation's capacity for teaching and learning foreign languages through teacher training, research, materials development, assessment, and dissemination projects.

Applications are due April 25, 2022. Approximately \$2.75 million is available to fund 16 awards.

LINKS: [Grants.gov](https://www.grants.gov), [Federal Register](https://www.federalregister.gov)

Organic Agriculture Research and Extension Initiative
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking proposals that will enhance the ability of producers and processors who have already adopted organic standards to grow and market high quality organic agricultural products.

Applications are due March 31, 2022. An estimated 25 awards are anticipated with various funding levels determined by project type.

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

Refuge Enhancement Infrastructure Partnerships Initiative
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking proposals for research/assessments or infrastructure projects at national wildlife refuges that enhance the visitor experience, promote wildlife-dependent outdoor recreation, provide sustainable wildlife habitat, provide career training and mentoring opportunities, and engage the community in special events and other opportunities to participate in wildlife-dependent outdoor recreation on Service lands and waters. 50% matching is required.

Applications are due September 15, 2022. An estimated 20 awards of up to \$250,000 are anticipated.

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

Veterinary Services Grant Program
United States Department of Agriculture (USDA)

Notice seeking proposals for education and extension activities and practice enhancement initiatives that will enable veterinarians, veterinary students, veterinary technicians, and veterinary technician students to

gain specialized skills and provide practices with additional resources (e.g., equipment, personnel) needed to more effectively mitigate veterinary service shortages in the U.S.

Applications are due April 5, 2022. An estimated eight awards of up to \$250,000 are anticipated.

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

Effective Educator Development Programs: Teacher Quality Partnership Grant (TQP) Program, Assistance Listing Number (ALN) 84.336S
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking proposals supporting new pre-baccalaureate and teacher residency models that would emphasize the creation or expansion of high-quality, comprehensive pathways into the classroom.

Applications are due April 26, 2022. An estimated 25 to 30 awards of up to \$2 million are anticipated.

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

Secondary Analyses of Child Care and Early Education Data
Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking proposals for conducting secondary analyses of data to address key questions of relevance to the Child Care and Development Fund, the primary federal funding source for child care subsidies.

Applications are due May 4, 2022. An estimated 15 awards of up to \$100,000 are anticipated.

LINKS: [Grants.gov](#)

Secondary Analyses of Head Start and Early Head Start Data
Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking proposals from researchers conducting secondary analyses of data to address key questions of relevance to Head Start programs and policies.

Applications are due May 2, 2022. An estimated 15 awards of up to \$100,000 are anticipated.

LINKS: [Grants.gov](#)

HEALTH and MENTAL HEALTH

Maximizing the Scientific Value of the NHLBI Biologic Biospecimen Repository: Scientific Opportunities for Exploratory Research (R21)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking applications to support meritorious exploratory research relevant to the NHLBI mission using the existing biospecimen collections that are stored in the NHLBI Biologic Specimen Repository (Biorepository), thereby maximizing the scientific value of the stored collections and providing researchers with an opportunity to generate preliminary data for subsequent research proposals.

Applications are due June 21, 2022, October 19, 2022, June 20, 2023, October 19, 2023, June 20, 2024, and October 21, 2024. Optional letters of intent are 30 days prior to the application due date. Approximately \$1.16 million is available to fund up to 10 awards per year.

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

Mechanisms of Brain Hypoperfusion in AD ADRD (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals for projects designed to understand molecular and cellular mechanisms underlying cerebral blood flow reduction in Alzheimer's disease and Alzheimer's disease-related dementias.

Applications are due July 1, 2022. An estimated \$8 million is available to fund eight to ten awards.

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

Partnerships for Rapid Diagnostics and Phenotypic Antibacterial Susceptibility Testing for Bacteremia or Hospital Acquired Pneumonia (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to support research projects focused on development and/or production of medical diagnostics that permit rapid differential species identification, and corresponding phenotypic antibacterial susceptibility profiles for bacteremia or hospital acquired pneumonia.

Applications are due June 1, 2022. Optional letters of intent are due 30 days prior to the application due date. Approximately \$4.8 million is available to fund five to seven awards.

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

Somatic Mosaicism across Human Tissues (SMAHT) Program: Genome Characterization Centers (UM1 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to enable discovery of new biology and disease mechanisms mediated by genomic variation in somatic tissues. The GCCs will be responsible for generating state of the art, high throughput genomic data characterizing somatic variants in a set of 10-15 human tissues from 150+ donors.

Applications are due July 8, 2022. Optional letters of intent are due June 8, 2022. Approximately \$10 million is available to fund four to six awards in FY 2023.

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

Somatic Mosaicism across Human Tissues (SMAHT) Program: Tool Development Projects (UG3-UH3 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to enable discovery of new biology and disease mechanisms mediated by genomic variation in somatic tissues. Technology and Tool Development Projects will develop the next generation of technologies that will enhance our ability to detect and characterize somatic variants in human tissues.

Applications are due July 8, 2022. Optional letters of intent are due June 8, 2022. Approximately \$6 million is available to fund 10 to 14 awards.

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

Team-Based Design in Biomedical Engineering Education (R25 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Biomedical Imaging and Bioengineering (NIBIB)

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

Applications are due May 30, 2022. Multiple awards are anticipated.

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

Administrative Supplements to Support Cancer Disparity Collaborative Research (Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking proposals for new cancer disparities research among investigators who do not normally conduct it partnering with experienced cancer research investigators.

Applications are due September 6, 2022. An estimated ten awards of up to \$150,000 are anticipated.

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

Inter-Organelle Communication as a Platform to Interrogate the Interactions of Hallmarks of Aging (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals for innovative, mechanistic approaches to identify and characterize interactions of aging hallmarks shaped by inter-organelle communication.

Applications are due October 11, 2022. An estimated five to six awards of up to \$250,000 per year are anticipated.

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

Mapping Interconnectivity Among Hallmarks of Aging under Lifespan Modifications (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications for research projects with the goal of increasing our understanding of the interactions among hallmarks of aging and their regulation. Research supported by this FOA should explore the timing and possible priorities (hierarchy) among the hallmarks in various cells/tissues across the normal lifespan, and whether the interactions between the hallmarks are an adaptive response to maintain health at different stages of life.

Applications are due October 11, 2022. An estimated \$2.4 million is available to fund four to five awards.

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

Strategic Prevention Framework for Prescription Drugs
Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice seeking proposals to help prevent and address prescription drug misuse within a State or locality.

Applications are due April 25, 2022. An estimated six awards of up to \$500,000 per year are anticipated.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Coupling, Energetics, and Dynamics of Atmospheric Regions
Directorate for Geosciences (GEO), National Science Foundation (NSF)

Notice seeking proposals for understanding the behavior of atmospheric regions from the middle atmosphere upward through the thermosphere and ionosphere into the exosphere in terms of coupling, energetics, chemistry, and dynamics on regional and global scales. These processes are related to the sources of perturbations that propagate upward from the lower atmosphere as well as to solar radiation and particle inputs from above.

Proposals are due May 20, 2022, May 5, 2023, and First Friday in May, annually thereafter. Approximately \$3 million is available to fund 10 to 15 awards.

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

Food and Agricultural Sciences National Needs Graduate and Postgraduate Fellowship
United States Department of Agriculture (USDA)

Notice seeking proposals for funds to support traineeship programs that engage outstanding students to pursue and complete their degrees in USDA mission areas.

Applications are due April 26, 2022. An estimated 14 awards of up to \$262,500 are anticipated.

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

Research Development and Partnership Pilot (RDPP)
Department of Energy (Energy), Office of Science (SC)

Notice seeking applications to provide seed funding for institutions to: 1) develop new partnerships with other academic institutions and/or national laboratories to enable future participation in EESSD-relevant research; 2) facilitate participation in planned EESSD research programmatic and user facility outreach and training activities; and 3) foster the development of climate and environmental science research and training capacity at under-represented institutions.

Applications are due April 20, 2022. Approximately \$1.5 million is available to fund 10 to 20 awards.

LINKS: [Grants.gov](#)

Human Interpretable Attribution of Text using Underlying Structure (HIATUS) Program
Intelligence Advanced Research Projects Activity (IARPA), Director of National Intelligence (DNI)

Notice seeking proposals to develop novel human-useable systems for attributing authorship and protecting author privacy through identification and leveraging of explainable linguistic fingerprints.

Applications are due April 18, 2022. Questions are due March 18, 2022. Multiple awards anticipated.

LINKS: [Contract Opportunities](#)

Mining Innovations for Negative Emissions Resource Recovery (MINER)
Department of Energy (Energy)

Notice seeking proposals for the development of commercial-ready technologies that give the United States a net-zero or net negative emissions pathway toward increased domestic supplies of copper, nickel, lithium, cobalt, rare earth elements, and other critical elements required for the transition to clean energy. Regular and SBIR/STTR mechanisms are available.

Concept papers are due April 15, 2022. An estimated 15 awards of both mechanisms are available.

LINKS: [Grants.gov \(MINER\)](#), [Grants.gov \(SBIR/STTR\)](#), [Solicitation](#)