

ARTS, HUMANITIES, and INTERNATIONAL

2023 International Marine Turtle Management and Conservation Program
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals supports conservation, protection, or management actions supporting recovery of Endangered Species Act (ESA) listed sea turtle species occurring within the Pacific Islands Region (PIR) or of aggregations (or species) with international linkages to the PIR.

Proposals are due January 31, 2023. Approximately \$450,000 is available to fund four to five awards in FY 2023.

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

U.S. Mission in Morocco - APS
Department of State (State)

Notice seeking proposals to promote positive relations between Morocco and the United States; to reinforce shared values; and to connect Morocco's emerging leaders to the American people.

Applications are due March 15, 2023. The maximum award amount is \$25,000.

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

U.S. Ambassadors Fund for Cultural Preservation (AFCP)
Department of State (State)

Notice seeking proposals to support the preservation of archaeological sites, historic buildings and monuments, museum collections, and forms of traditional cultural expression, such as indigenous languages and crafts.

Concept papers are due December 26, 2022 to ktmgrants@state.gov. The maximum award amount per project is \$500,000.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Affordable Connectivity Outreach Grant Program
Federal Communications Commission (FCC)

Notice seeking proposals to increase awareness of and participation in the ACP among those households most in need of affordable connectivity.

Applications are due January 9, 2023. An estimated 300 awards with a ceiling of \$1 million are anticipated.

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

Consumer Recycling Education and Outreach (REO) Grant Program
Environmental Protection Agency (EPA)

Notice seeking applications proposing projects that inform the public about new or existing residential or community recycling programs; provide information about the recycled materials that are accepted as part of a residential or community recycling program that provides for the separate collection of residential solid

waste from recycled material; and increases collection rates and decreases contamination in residential and community recycling programs.

Applications are due January 16, 2023. Notices of intent are requested by December 15, 2022. Approximately \$30 million is available to fund 25 awards. The first information sessions will be held November 30, 2022 and December 6, 2022. The second information sessions will be held December 15 and December 20, 2022.

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

Solid Waste Infrastructure for Recycling (SWIFR) Grant Program for Political Subdivisions of States and Territories
Environmental Protection Agency (EPA)

Notice seeking applications for a wide variety of projects that are designed to build and transform solid waste infrastructure in the United States to equitably reduce waste and manage materials to achieve a circular economy, reduce greenhouse gas emissions, and create cleaner, resilient, and healthier communities.

Applications are due January 16, 2023. Notices of intent are requested by December 15, 2022. Approximately \$40 million is available to fund 25 awards. The first information sessions will be held December 5 and 7, 2022. The second information sessions will be held December 13 and 19, 2022.

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

National Academic Affiliations Council
Department of Veterans Affairs (VA)

Notice announcing a meeting of the National Academic Affiliations Council. The purpose of the Council is to advise the Secretary on matters affecting partnerships between VA and its academic affiliates. The Council will receive project updates and have discussions on actions affecting the educational mission of VA.

The meeting will be held on December 5, 2022, from 1 p.m. to 3 p.m. ET via conference call.

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

HEALTH and MENTAL HEALTH

Engineering Next-Generation Human Nervous System Microphysiological Systems (R01 and R21 Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals directed toward developing next-generation human cell-derived microphysiological systems (MPS) and related assays that replicate complex nervous system architectures and physiology with improved fidelity over current capabilities. Mechanisms available include R01 Clinical Trials Not Allowed and R21 Clinical Trials Not Allowed.

R01 proposals are due February 5, 2023. R21 proposals are due February 16, 2023. Multiple awards of both types are anticipated.

LINKS: [Grants.gov \(R01 Clinical Trials Not Allowed\)](https://www.grants.gov), [Grants.gov \(R21 Clinical Trials Not Allowed\)](https://www.grants.gov)

Pathway to Independence Award in Tobacco Regulatory Research (K99 R00 - Independent Clinical Trial Not Allowed and Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals to increase and maintain a strong cohort of new and talented independent investigators conducting research that will inform the development and evaluation of regulations on tobacco product manufacturing, distribution, and marketing. Mechanisms are available with clinical trials and without clinical trials.

Applications are due February 21, 2023. Multiple awards are anticipated.

LINKS: [Grants.gov \(K99/R00 - Independent Clinical Trial Not Allowed\)](#), [Grants.gov \(K99/R00 - Independent Clinical Trial Required\)](#)

Autism Secondary Data Analysis Research (Autism SDAR)
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to support applied research through analysis of existing databases and/or administrative records to determine the evidence-based practices for interventions to improve the physical and behavioral health of children and adolescents with Autism Spectrum Disorder (ASD) and other Developmental Disabilities (DD) across the lifespan, with a focus on addressing the needs of underserved populations for whom there is limited evidence of the effectiveness of interventions, and limited access to screening, diagnosis, and treatment for ASD/DD.

Applications are due February 13, 2023. Approximately \$480,000 is available to fund up to four awards.

LINKS: [Grants.gov](#)

Cooperative Centers on Human Immunology (U19 Clinical Trial Optional)
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 mechanistic and hypothesis-testing studies to discover novel molecules, mechanisms, or regulatory pathways governing function of the human immune system in both healthy and vulnerable populations (i.e., across lifespan, organ/tissue transplant recipients, pregnant women).

Applications are due April 7, 2023. Approximately \$13.7 million is available to fund four to five awards.

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

Exploratory studies to investigate mechanisms of HIV infection, replication, latency, and or pathogenesis in the context of substance use disorders (R61 R33 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking proposals for exploratory studies addressing mechanistic questions in HIV infection, replication, latency, and/or pathogenesis (including HAND) in the context of substance use disorders.

Applications are due March 23, 2023. An estimated six awards with a ceiling of \$500,000 are anticipated.

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

Maternal and Child Health Secondary Data Analysis Research (MCH SDAR)
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications that supports applied research through analysis of existing databases and/or

administrative records to improve the quality, efficiency, and accessibility of health care services and health outcomes for MCH populations.

Applications are due February 13, 2023. Approximately \$600,000 is available to fund five awards.

LINKS: [Grants.gov](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Research and Mentoring for Postbaccalaureates in Biological Sciences
National Science Foundation (NSF)

Notice seeking proposals to establish networks to support full-time research, mentoring, and training for recent college graduates who have had few or no research or training opportunities during college in research fields typically supported by the Directorate of Biological Sciences (BIO). A strategic focus of the National Science Foundation is to foster the growth of a globally-competitive and diverse research workforce.

Proposals are due February 16, 2023. Approximately \$30 million is available to fund 10 to 12 awards.

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

BAA: Power Optimization Techniques and System Integrity Standardization in Position Navigation and Timing for Dismounted Soldiers
Department of Defense (Defense)

Notice seeking proposals to allow Dismounted Soldiers to continue to operate in challenging Position Navigation and Timing (PNT) conditions. Power Optimization and System Integrity Scoring Software technologies should be developed to increase power efficiencies of next generation Dismounted PNT Systems.

Proposals are due December 15, 2022. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

BIPARTISAN INFRASTRUCTURE LAW: Long-Duration Energy Storage Demonstrations Funding
Opportunity Announcement
Department of Energy (Energy)

Notice seeking proposals for emerging Long-Duration Energy Storage (LDES) demonstration projects capable of delivering electricity for 10-24 hours or longer to support a low-cost, reliable, carbon-free electric grid.

Letters of intent are due December 15, 2022. An estimated eleven projects with a ceiling of \$70 million are anticipated.

LINKS: [Grants.gov](#)

Carderock Research Projects
Navy (Navy), Department of Defense (Defense)

Notice seeking proposals especially, but not solely, for research projects dealing with Machine Learning, Data Analytics & Modeling, Data Visualizations, Cyber Security, Complex Systems & Organizational Dynamics, Operations Analysis and Military Utility/Impact Analysis, Knowledge Management & Retention,

and Web Presence with Tool Implementation strategies (both for Business Operations and Technical applications).

Applications are due November 14, 2023. Multiple awards with a ceiling of \$200,000 are anticipated.

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

D.2 – Transformational Tools and Technologies Project (TTT)
National Aeronautics and Space Administration (NASA)

Notice seeking proposals that advances state-of-the-art computational and experimental tools and technologies that are vital to aviation applications supporting the six NASA Aeronautics strategic thrusts. The project enables fast, efficient design and analysis of advanced aviation systems from first principles by developing physics-based tools/methods and cross-cutting technologies.

Proposals are due January 13, 2023. Notices of intent are due December 9, 2022. Up to \$2 million is annually is available.

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

Early Career Research Program
Department of Energy (Energy), Office of Science (SC)

Notice seeking applications to support the development of individual research programs of outstanding scientists early in their careers and to stimulate research careers in the areas supported by SC.

Required pre-applications are due January 5, 2023. Applications are due March 23, 2023. 84 awards are anticipated.

LINKS: [Grants.gov](#)

MUREP Precollege Summer Institute (MUREP PSI)
National Aeronautics and Space Administration (NASA)

Notice seeking proposals from Historically Black Colleges and Universities (HBCUs) and Predominantly Black Institutions (PBIs) to establish a MUREP Precollege Summer Institute (PSI) that will increase participation and retention of historically underserved and underrepresented high school students in STEM areas and prepare them for success in college STEM degree programs and STEM careers.

Proposals are due January 17, 2023. HBCUs and PBIs are eligible. Colleges and Universities are eligible to partner. Up to 15 awards are anticipated.

Limited Submission: One proposal per institution

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

ROSES 2022: Earth Science Applications: Ecological Conservation
National Aeronautics and Space Administration (NASA)

Notice seeking proposals that support decision-making activities to combat the spread of invasive species, advance the use of ecosystem service assessment for decision-making, and inform management, protection, and establishment of protected areas.

Proposals are due April 14, 2023. Notices of intent are requested by March 14, 2023. Approximately \$3 million per year is available to fund 10 to 20 awards.

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

Strengthening Resilient Emotions and Nimble Cognition Through Engineering Neuroplasticity (STRENGTHEN)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals in the area of neurobehavioral protective factors and wellbeing to prevent and mitigate the effects of traumatic stress leading to suicidality and behavioral health disorders in warfighters.

Applications are due January 23, 2022. Multiple awards are anticipated.

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

Basic Energy Sciences Advisory Committee
Department of Energy (Energy)

Notice announcing a meeting of the Basic Energy Sciences Advisory Committee with the following agenda: Welcome from the Office of Science; News from the Office of Basic Energy Sciences; News on the Roundtable Reports for Foundational Science for Biopreparedness and Response & Fundamental Science to Accelerate Nuclear Energy Innovation; News on the 2023 BESAC Charge; Panel Discussion: Computational Infrastructure Panel; and Public Comment.

The meeting will be held virtually on December 7, 2022 from 11:00 a.m. to 5:00 p.m. ET.

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

Technologies for Heat Removal in Electronics at the Device Scale (THREADS) Proposers Day
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

Notice announcing a proposer's day for the Technologies for Heat Removal in Electronics at the Device Scale (THREADS) program. THREADS program is to develop technologies to overcome the thermal limits and realize robust, high-power density transistors that operate near their fundamental electronic limit of RF output power.

The meeting will be held via webcast on November 30, 2022 from 9:00 a.m. to 5:00 p.m. Registrations are due by November 22, 2022.

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