

ARTS, HUMANITIES, and INTERNATIONAL

U.S. Embassy Tokyo PAS Annual Program Statement
Department of State (State)

Notice seeking proposals for projects that strengthen ties between Japan and the United States through programming that promotes bilateral cooperation. All programs must include an American cultural element or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policies and perspectives in Japan.

Applications are due December 31, 2021. Multiple awards of up to \$100,000 are anticipated.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

FY 2021 Training and Technical Assistance to Improve Water Quality and Enable Small Public Water Systems to Provide Safe Drinking Water
Environmental Protection Agency (EPA), Office of Water (OW); Office of Ground Water and Drinking Water (OGWDW)

Notice seeking proposals to provide training and technical assistance for small public water systems, small publicly owned wastewater systems, communities served by onsite/decentralized wastewater systems, and private drinking water well owners.

Applications are due December 3, 2021. An estimated three to nine awards are anticipated.

LINKS: [Grants.gov](#)

HEALTH and MENTAL HEALTH

Clinical Relevance of the Linkage between Environmental Toxicant Exposures and Alzheimer's Disease and Related Dementias (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS); National Institute on Aging (NIA)

Notice seeking applications to support mechanistic and early translational research focused on a more rigorous in-depth examination of the potential interactions of environmental toxins with genetic and non-genetic molecular targets known to influence Alzheimer's Disease and Alzheimer's Disease Related Dementias (AD/ADRD). It is expected that these studies will address the clinical relevance of these exposures on disease initiation, progression, or modification.

Applications are due March 11, 2022. Optional letters of intent are due 30 days prior to the application due date. Approximately \$3.75 million per year is available to support five awards.

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

Diabetes Research Centers (P30 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications designed to support and enhance the national research effort in diabetes, its complications, and related endocrine and metabolic diseases. Diabetes Research Centers support two primary research-related activities: Research Core services and a Pilot and Feasibility (P and F) program.

Applications are due March 8, 2022. Optional letters of intent are due February 8, 2022. Approximately \$11 million is available to support seven awards.

Limited Submission: Only one application per institution is allowed.

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

Exploratory Grants in Cancer Control (R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking exploratory/developmental proposals that focus on different aspects of cancer control by modifying behavior, screening, and understanding etiologic factors contributing to the development of cancer, and developing ways to control cancer.

The next due date for applications is June 7, 2022. Multiple awards of up to \$275,000 are anticipated.

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

Neuromodulation Neurostimulation Device Development for Mental Health Applications (R21 or R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking proposals to develop the next generation of brain stimulation devices for treating mental health disorders, either by developing new devices or improving existing ones. Mechanisms are available for R21 Clinical Trial Not Allowed and R01 Clinical Trial Not Allowed projects.

The next due date for R01 projects is February 5, 2022. The next due date for R21 projects is February 16, 2022. Multiple awards are anticipated.

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

Pelvic Floor Disorders Network (U24 UG1 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to participate with the NICHD as the Data Coordinating Center in an ongoing multicenter clinical program, the Pelvic Floor Disorders Network, designed to study clinical and health aspects of pelvic floor disorders in women.

Applications are due December 6, 2021. Optional letters of intent are due November 6, 2021. Approximately \$3.2 million is available to support one U24 award. Approximately \$1.8 million is available to support six to eight UG1 awards.

LINKS: [Grants.gov \(U24\)](#), [Grants.gov \(UG1\)](#), [Solicitation](#)

Mine Safety and Health Research Advisory Committee (MSHRAC)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Mine Safety and Health Research Advisory Committee. The agenda will include discussions on NIOSH mining safety and health research organizational structure, capabilities, projects, and outcomes; updates on MINER Act extramural research; and the Mining Program Strategic Plan.

The meeting will be held on December 8, 2021, from 10:30 a.m. to 3:30 p.m., ET, and December 9, 2021, from 10:30 a.m. to 2:30 p.m., ET. This is a Zoom meeting. If you wish to attend, please contact Ms. Berni Metzger by email at M.Metzger@cdc.hhs.gov or by telephone at (412) 386-4541 at least 5 business days in advance of the meeting.

LINKS: [Federal Register](#)

Advancing Group A Streptococcus Vaccine Discovery (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 proposals for discovery and design of novel Group A Streptococcus (GAS) vaccine candidates and their advancement into preclinical evaluation for broad protection against GAS infections.

Applications are due February 18, 2022. An estimated three to five awards of up to \$500,000 are anticipated.

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

NIH Health Care Systems Research Collaboratory - Pragmatic and Implementation Trials of Embedded Interventions (UG3 UH3, Clinical Trials Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking cooperative research applications to conduct efficient, large-scale pragmatic trials or implementation studies that focus on improving health outcomes for underserved US patient populations. Institutes with various research directives are interested in funding these projects.

The next due date for applications is December 15, 2021. An estimated six to eight awards are anticipated.

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

Nurse Faculty Loan Program (NFLP)
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Bureau of Health Workforce (BHW)

Notice seeking proposals from accredited schools of nursing to establish and operate a student loan fund and provide loans to students enrolled in advanced education nursing degree programs who are committed to becoming nurse faculty. In exchange for completion of up to four years of post-graduation full-time nurse faculty employment in an accredited school of nursing, the program authorizes cancellation of up to 85 percent of the original student loan amount (plus interest thereon).

Applications are due January 13, 2022. Approximately \$26.5 million is available to fund up to 80 awards.

LINKS: [Grants.gov](#)

Rural Communities Opioid Response Program-Implementation
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking proposals from broad, multi-sectoral consortia to strengthen and expand substance use disorder and opioid use disorder prevention, treatment, and recovery services to enhance rural residents' ability to access treatment and move towards recovery.

Applications are due January 13, 2022. Approximately 50 awards of up to \$1 million are anticipated.

LINKS: [Grants.gov](#)

Vector-Borne Disease Regional Centers of Excellence
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to address the growing problem of vector-borne diseases by creating regional Centers of Excellence for vector-borne diseases. The project objectives are threefold: conduct applied research on approaches to prevent vector bites or suppress the populations of regionally important arthropod vectors and their associated human disease agents in the environment; train a new generation of public health entomologists to serve as subject matter experts for arthropod pathogen vectors at state/local levels by involving graduate students and postdoctoral fellows in applied research; and strengthen linkages and collaborative relationships between the academic community and state/territorial/tribal/local public health organizations, vector management programs and other potentially relevant stakeholder groups, as needed, to develop, evaluate and implement vector and vector-borne pathogen suppression strategies.

Letters of intent are due December 17, 2021. An estimated ten awards of up to \$2 million per year are anticipated.

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

Meeting of the COVID-19 Health Equity Task Force
Department of Health and Human Services (HHS)

Notice announcing a meeting of the COVID-19 Health Equity Task Force to present and vote on the Task Force Final Report with recommended Implementation Plan and Accountability Plan for mitigating inequities caused or exacerbated by the COVID-19 pandemic and for preventing such inequities in the future.

The meeting will be held virtually on October 28, 2021 from 1:00 to 4:00 p.m. ET.

LINKS: [Federal Register](https://www.federalregister.gov), [Agency Site](https://www.hhs.gov)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Fiscal Year 2022 NMFS-Sea Grant Fellowship in Population and Ecosystem Dynamics and Marine Resource Economics
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals interested in careers related to marine ecosystem and population dynamics, with a focus on modeling and managing systems of living marine resources and the development and implementation of quantitative methods for assessing the economics of the conservation and management of living marine resources.

Applications from students are due January 27, 2022. Applications are due February 24, 2022. Requested letters of intent are due February 10, 2022. Cost sharing of at least 20 percent is required.

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

Human Networks and Data Science
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals to support research that enhances understanding of human behavior by leveraging data and network science research across a broad range of topics. HNDS research will identify ways in which dynamic, distributed, and heterogeneous data can provide novel answers to fundamental questions about individual and group behavior. HNDS has two track: Human Networks and Data Science – Infrastructure (HNDS-I) and Human Networks and Data Science – Core Research (HNDS-R).

Proposals are due January 13, 2022 for HNDS-R and February 3, 2022 for HNDS-I. Approximately \$8 million is available to support 5 to 25 awards.

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

Heliophysics Advisory Committee; Meeting
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the NASA Heliophysics Advisory Committee for the purpose of soliciting, from the science community and other persons, scientific and technical information relevant to program planning.

The meeting will be held virtually on October 27, 2021 from 2:00 to 6:30 p.m. ET.

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

High Energy Physics Advisory Panel
Department of Energy (Energy)

Notice announcing a meeting of the High Energy Physics Advisory Panel with the following agenda: Discussion of Department of Energy High Energy Physics Program; Discussion of National Science Foundation Elementary Particle Physics Program; Reports on and Discussions of Topics of General Interest in High Energy Physics; and Public Comments.

The meeting will be held virtually on November 1, 2021 from 9:00 a.m. to 6:00 p.m. ET and November 2, 2021 from 8:30 a.m. to 4:00 p.m. ET.

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

Biodiversity on a Changing Planet
National Science Foundation (NSF)

Notice seeking proposals to improve modeling and forecasting of the consequences of functional change in biodiversity in response to environmental change, testing hypotheses about functional biodiversity on a changing planet by integrating cellular, organismal, ecological, evolutionary, geological, and/or paleontological perspectives in either a design or implementation track.

Applications are due March 25, 2022. An estimated 8 to 12 awards of up to \$500,000 for the design track and \$2.5 million for the implementation track are anticipated.

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

CISE Community Research Infrastructure
National Science Foundation (NSF)

Notice seeking proposals for the creation and enhancement of world-class research infrastructure promoting research agendas in computer and information science and engineering. Award mechanisms are available for: Planning Community Infrastructure; Medium Community Infrastructure; and Grand Community Infrastructure.

Applications are due January 11, 2022. An estimated 10 to 25 awards of all types are anticipated, with funding levels determined by award type.

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

Environmental System Science (ESS)
Department of Energy (Energy)

Notice seeking proposals for research in Environmental System Science focusing on measurements, experiments, field data, and modeling to provide improved understanding and representation of ecosystems and watersheds in ways that advance the sophistication and capabilities of models that span from individual processes to Earth system scales.

Required pre-applications are due November 17, 2021. Approximately \$10 million is available to fund 10 to 15 awards.

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