

ARTS, HUMANITIES, and INTERNATIONAL

U.S. Ambassadors Fund for Cultural Preservation Grants Program
Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking applications to support the preservation of historic buildings, archaeological and other cultural sites, museum objects and collections, and forms of traditional expression such as indigenous languages and music in less developed countries.

Deadlines vary by country. Approximately 30 to 40 awards per year, ranging from \$10,000 to \$500,000 each, are available to support projects lasting from one to five years.

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

Supporting Greater Socio-Economic Development and Recovery in Cabo Delgado APS
United States Agency for International Development (USAID), Mozambique USAID-Maputo

Notice seeking applications to support greater socio-economic recovery and development in Cabo Delgado through organizations that maintain programs and a presence there.

Concept paper are due November 14, 2020. Questions are due October 22, 2020. Approximately \$9 million is available.

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Centers of Excellence for Veteran Student Success Program
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications to develop model programs to support veteran student success in postsecondary education by coordinating services to address the academic, financial, physical, and social needs of veteran students.

Applications are due November 4, 2020. Approximately \$6.93 million is available to support 16 awards.

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

TAT for Innovative Regional Wastewater Treatment Solutions Grant Pilot Program
United States Department of Agriculture (USDA), Rural Utilities Service (RUS)

Notice seeking applications for the study and design of innovative treatment solutions of regional wastewater systems for historically impoverished communities that have had difficulty installing traditional wastewater treatment systems due to soil conditions.

Applications are due November 4, 2020. Approximately \$5 million is available to support two to three awards.

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

Technical Assistance and Training Grant Program
United States Department of Agriculture (USDA)

Notice seeking applications to pay expenses associated with providing technical assistance and/or training

to: Identify and evaluate solutions to water problems relating to source, storage, treatment, or distribution; identify and evaluate solutions to waste problems relating to collection, treatment, or disposal; assist applicants, that have filed a pre-application with RUS, in the preparation of water and/or waste loan and/or grant applications; and/or provide technical assistance and/or training to water/wastewater system personnel that will improve the management, operation and maintenance of water and waste disposal facilities.

Applications are due on December 31, 2020. Approximately \$30 million is available for 35 awards.

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

The Public Transportation COVID-19 Research Demonstration Grant Program
U.S. Department of Transportation (DOT), Federal Transit Administration (FTA)

Notice seeking applications to support research demonstration grants to public transit agencies to develop, deploy, and demonstrate innovative solutions that improve the operational efficiency of transit agencies, as well as enhance the mobility of transit users affected by the COVID-19 public health emergency.

Applications are due November 2, 2020. Approximately \$10 million is available to support multiple awards. Partnership opportunities may exist for colleges and universities.

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

Water Conservation Services, Lower Colorado Basin Region
Department of the Interior (Interior), Bureau of Reclamation

Notice seeking applications for funding to plan for and implement actions to increase water supply reliability through investments in existing infrastructure and attention to local water conflicts.

Applications are accepted and considered on a rolling basis until December 7, 2020, for FY 21 funding and October 21, 2021, for FY 22 funding. Approximately 8 to 15 awards of up to \$100,000 each are available. A 50 percent non-federal cost share is required. Eligibility is limited to states, tribes, and other organizations with water or power authority, but opportunities may exist for colleges and universities to collaborate.

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

FDIC Advisory Committee on Economic Inclusion (ComE-IN); Notice of Meeting
Federal Deposit Insurance Corporation (FDIC)

Notice announcing a meeting of the FDIC Advisory Committee on Economic Inclusion to discuss updates from the committee members about key challenges facing their communities or organizations, results of the 2019 Household Survey of the Under banked, and other various reports relating to the financial condition of and challenges facing households during the pandemic.

The virtual meeting will be held on October 22, 2020 from 1:00 p.m. to 5:00 p.m. Click here to attend: <http://fdic.windrosemedia.com>.

LINKS: [Federal Register](#)

Interventions and Communication Strategies to Reduce Health Risks of Wildland Fire Smoke Exposures
Environmental Protection Agency (EPA), Office of Research and Development (ORD)

Notice seeking applications proposing research that will address behavioral, technical and practical aspects of interventions and communication strategies to reduce exposures and/or health risks of wildland fire smoke.

Applications are due December 15, 2020. Approximately \$7.2 million is available to support nine awards.

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

HEALTH and MENTAL HEALTH

A Multidisciplinary Approach to Study Vaccine-elicited Immunity and Efficacy against Malaria (U01 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 advance understanding of the underlying immune mechanisms that contribute to malaria vaccine-elicited protection or vaccine hypo-responsiveness in endemic regions by capitalizing on recent research advances in systems vaccinology and systems immunology as well as emerging opportunities in data science and informatics.

Applications are due February 9, 2021. Approximately \$5 million is available for 5 awards to support projects lasting up to five years.

Limited Submission: Only one application per institution

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

Advancing Population-Based Surveillance of Birth Defects

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Center on Birth Defects and Developmental Disabilities (NCBDDD)

Notice seeking applications to strengthen the capacity of birth defects surveillance programs to respond to emerging threats to mothers and babies as a key component of preparedness, identify and address mechanisms contributing to health disparities, and improve health outcomes among affected populations.

Optional letters of intent are due November 6, 2020. Applications are due December 8, 2020. Approximately \$15.5 million is available.

LINKS: [Grants.gov](#)

Behavioral Health Workforce Education and Training (BHWET) Program for Professionals

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to increase the supply of behavioral health professionals while also improving distribution of a quality behavioral health workforce and thereby increasing access to behavioral health services. A special focus is placed on the knowledge and understanding of children, adolescents, and transitional-aged youth at risk for behavioral health disorders.

Applications are due January 21, 2021. Approximately \$44 million is available for 92 awards.

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

Cooperative Research Agreements Related to the World Trade Center Health Program (U01)

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Institute for Occupational Safety and Health (NIOSH)

Notice seeking applications for scientifically rigorous research (Title 42 USC §300mm–51) to help answer critical questions about: Physical and mental health conditions that may be related to the September 11,

2001, terrorist attacks; Diagnosing WTC-related health conditions for which there has been diagnostic uncertainty; and Treating WTC-related health conditions for which there has been treatment uncertainty.

Optional letters of intent are due November 6, 2020; November 1, 2021; November 1, 2022; November 1, 2023; and November 1, 2024.

Applications are due December 8, 2020; December 7, 2021; December 6, 2022; December 5, 2023; and December 10, 2024. Approximately \$75 million is available to support 40 to 50 awards over a five-year period.

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

Meeting of the Tick-Borne Disease Working Group
Department of Health and Human Services (HHS)

Notice announcing a meeting scheduled to review chapters and the template for a 2020 report to the HHS Secretary and Congress on tick-borne disease research, including research related to causes, prevention, treatment, surveillance, diagnosis, diagnostics, and interventions for individuals with tick-borne diseases; advances made pursuant to such research; federal activities related to tick-borne diseases; and gaps in tick-borne disease research.

The meeting will be held October 27, 2020, from 9:00 a.m. to 5:30 p.m., ET, online. Register to attend at the Agency Site.

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

Maternal and Child Health (MCH) Leadership, Education, and Advancement in Undergraduate Pathways (LEAP) Training Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS),
Maternal and Child Health Bureau (MCHB)

Notice seeking applications to promote the development of a diverse and representative public health and health care workforce by recruiting undergraduate students from underserved or underrepresented backgrounds, including trainees from racially and ethnically underrepresented groups, into MCH public health and MCH-related health professions in order to improve levels of representation, reduce health disparities, and increase access to health care for vulnerable and underserved MCH populations, including those from such racially and ethnically diverse groups.

Applications are due January 7, 2021. Approximately \$940,000 is available to support up to six awards.

LINKS: [Grants.gov](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Algebra and Number Theory
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking research and conference proposals in the areas of algebra, algebraic and arithmetic geometry, number theory, and representation theory.

Research proposals are due October 9, 2020 and the second Friday in October, annually thereafter. In FY 21, proposals for conferences or similar projects with budgets of up to \$50,000 are due at least four months in advance of the event.

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

Division of Integrative Organismal Systems Core Programs
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking proposals for research projects aimed at understanding why organisms are structured the way they are and function as they do. Areas of inquiry include, but are not limited to, developmental biology and the evolution of developmental processes, nervous system development, structure, modification, function, and evolution; biomechanics and functional morphology, physiological processes, symbioses and microbial interactions, interactions of organisms with biotic and abiotic environments, plant and animal genomics, and animal behavior.

Proposals are accepted at any time. Approximately \$70 million per year is available for approximately 250 awards.

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

Division of Molecular and Cellular Biosciences: Investigator-initiated research projects
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking applications to support quantitative, mechanistic, predictive, and theory-driven fundamental research designed to promote understanding of complex living systems at the molecular, subcellular, and cellular levels. Proposals are solicited to support research relevant to the four MCB core clusters: Cellular Dynamics and Function, Genetic Mechanisms, Molecular Biophysics, and Systems and Synthetic Biology.

Applications are accepted anytime. Approximately \$100 million is available for 120 awards. High priority given to research projects that use theory, methods, and technologies from life and physical sciences, mathematics, computational sciences, and engineering to address major biological questions that elucidate the rules governing subcellular and cellular processes.

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

Goddard Earth Sciences Technology and Research II (GESTAR II)
National Aeronautics and Space Administration (NASA), Goddard Space Flight Center (GSFC)

Notice seeking proposals to conduct research collaboratively with organizational elements within the Goddard SED (Code 600). Research may involve analysis of data from operating and past missions, and modeling and design of missions planned or under development.

Proposals are due October 12, 2020.

LINKS: [Grants.gov](#)

Mid-scale Research Infrastructure-1
National Science Foundation (NSF)

Notice seeking proposals for the design or implementation of unique and compelling mid-scale research infrastructure (RI) projects that fill a research community-defined scientific need or enable a national research priority to be met. Mid-scale RI-1 implementation projects may include any combination of equipment, instrumentation, cyberinfrastructure, broadly used large-scale datasets, and the commissioning and/or personnel needed to successfully complete the project, or the design efforts intended to lead to eventual implementation of a mid-scale class project.

Required pre-proposals are due January 7, 2021. Invited full proposals are due April 23, 2021. Approximately \$80 million is available to support up to 10 awards ranging from \$6,000 to \$20 million.

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

Partnerships for Research and Education in Materials
National Science Foundation (NSF)

Notice seeking applications to enable, build, and grow partnerships between minority-serving institutions and DMR-supported centers and/or facilities to increase recruitment, retention and degree attainment (which defines the PREM pathway) by members of those groups most underrepresented in materials research, and at the same time support excellent research and education endeavors that strengthen such partnerships.

Applications are due February 5, 2021. Up to \$7 million is available for 8 awards to support projects lasting up to six years.

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

Plant Genome Research Program
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking proposals for the development of innovative tools, technologies and resources that empower a broad plant research community to answer scientific questions on a genome-wide scale. Training, broadening participation, and career development are essential to scientific progress and should be integrated in all funded projects.

Proposals are due any time. Approximately \$30 million is available to support up to 15 awards.

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

Transitions to Excellence in Molecular and Cellular Biosciences Research National Science Foundation
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking applications to effectively adopt empowering technologies that might not be readily accessible in a PI's current research environment or collaboration network. The award is intended to allow mid-career or later-stage researchers (Associate or Full Professor, or equivalent) to expand or make a transition in their research programs via a sabbatical leave or similar mechanism of professional development and then develop that research program in their own lab.

Applications accepted anytime. Approximately \$6 million is available to support 8 awards.

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

National Quantum Initiative Advisory Committee
Department of Energy (Energy), Office of Science

Notice announcing a meeting of the National Quantum Initiative Advisory Committee. The purpose of the meeting is to provide advice and guidance on a continuing basis to the President, the Secretary of Energy, and the National Science and Technology Council Subcommittee on Quantum Information Science (QIS), the National Quantum Initiative (NQI) program, and on trends and developments in quantum information science and technology, in accordance with the National Quantum Initiative Act.

The meeting will be held Tuesday, October 27, 2020; 9:00 a.m. to 3:00 p.m. PT. The meeting will be held virtually.

LINKS: [Federal Register](#)

Army Research Office Broad Agency Announcement for Basic and Applied Scientific Research
Department of Defense (Defense)

Notice seeking proposals for scientific research in mechanical sciences, mathematical sciences, electronics, computing science, physics, chemistry, life sciences, materials science, network science, and environmental sciences. Proposals will be evaluated only for fundamental scientific study and experimentation directed toward advancing the scientific state of the art or increasing basic knowledge and understanding.

Proposals are accepted until March 31, 2022.

LINKS: [Contract Opportunities](#)

Cybersecurity Innovation for Cyberinfrastructure
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF),
Office of Advanced Cyberinfrastructure (OAC)

Notice seeking proposals to develop, deploy and integrate solutions that benefit the broader scientific community by securing science data, workflows, and infrastructure. CICI recognizes the unique nature of modern, rapid collaborative science and the breadth of security expertise, infrastructure and requirements among different practitioners, researchers, and scientific projects.

Proposals are due January 8, 2021. Approximately \$7.5 million is available to support up to 15 awards.

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

Growing Convergence Research
National Science Foundation (NSF)

Notice seeking proposals for solving vexing research problems, in particular, complex problems focusing on societal needs. It entails integrating knowledge, methods, and expertise from different disciplines and forming novel frameworks to catalyze scientific discovery and innovation.

Proposals are due February 3, 2020 and First Monday in February, annually thereafter. Approximately \$12 million is available to support 10 awards.

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

ROSES 2020: Extreme Precision Radial Velocity Foundation Science
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to focus on science and data analysis techniques that were identified as high value by the EPRV Working Group, and which have the prospect of yielding significant advances in EPRV measurement precisions within the context of a focused, two-year effort.

Mandatory Step-1 proposals are due December 17, 2020. Step-2 proposals are due January 28, 2021. Approximately \$1.75 million is available to support four to seven awards.

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