

ARTS, HUMANITIES, and INTERNATIONAL

Women and Youth Creating Our Future Activity
United States Agency for International Development (USAID)

Notice seeking proposals to advance two objectives: 1) build one or more Timorese enterprises operating a sustainable business model capable of implementing development assistance activities, particularly in the areas of increasing formal employment, promoting the establishment and growth of job-creating enterprises, and increasing incomes of young men, young women, and adult women in Timor-Leste; and 2) increase formal employment, promote the establishment and growth of job-creating enterprises, and increase incomes of young men, young women and adult women in Timor-Leste.

Concept papers are due August 25, 2021. Questions are due July 26, 2021. Up to \$8 million is available.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Animal Health Systems Facilitating Trade within the African Union
United States Department of Agriculture (USDA)

Notice seeking applications that supports and coordinates the improved utilization of animals (livestock, fisheries and wildlife) as a resource for human wellbeing in the AU Member States (MS) and the Regional Economic Communities (RECs) to which they belong. AU-IBAR represents continental Africa at the World Organisation for Animal Health (OIE).

Applications are due August 13, 2021. Up to \$1 million is available.

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

Effective Educator Development (EED) Division: Teacher and School Leader (TSL) Incentive Program
Assistance Listing Number 84.374A
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to assist States, local educational agencies (LEAs), and nonprofit organizations to develop, implement, improve, or expand comprehensive Performance-Based Compensation Systems (PBCS) or Human Capital Management Systems (HCMS) for teachers, principals, and other School Leaders (educators) (especially for educators in High-Need Schools who raise student growth and academic achievement and close the achievement gap between high- and low-performing students).

Applications are due August 13, 2021. Optional notices of intent are due July 30, 2021. Approximately \$88.06 million is available to support 20 to 25 awards. Colleges and universities are eligible to partner.

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

Innovative Approaches to Literacy (IAL) Program Assistance Listing CFDA Number 84.215G
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to supports high-quality programs designed to develop and improve literacy skills for children and students from birth through 12th grade in high- need local educational agencies (LEAs) and schools.

Applications are due August 11, 2021. Notices of intent are encouraged and due July 22, 2021. Approximately \$25 million is available to support 40 to 60 awards. Colleges and universities are eligible to partner.

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

Fiscal Year 2021 Broad Agency Announcement: Minority Colleges and Universities
Department of Commerce (Commerce), Minority Business Development Agency (MBDA)

Notice seeking applications to support entrepreneurship for undergraduate students at Historically Black Colleges and Universities (HBCUs), Hispanic Serving Institutions (HSIs), Tribal Colleges and Universities (TCUs), Native Hawaiian Serving Institutions (NHSIs), and Alaska Native Serving Institutions (ANSIs) to develop curricula, pilot courses, seminars, and replicable products and tools that address inclusive innovation and general economic development.

Applications are due August 16, 2021. Approximately five awards are anticipated at \$300,000 each. MSIs are eligible.

LINKS: [Grants.gov](#)

Fiscal Year 2021 Homeland Security National Training Program (HSNTP) - Continuing Training Grants (CTG)
Federal Emergency Management Agency (FEMA), Department of Homeland Security (Homeland Security)

Notice seeking proposals for the development and delivery of training to achieve the National Preparedness Goal, which is "a secure and resilient Nation with the capabilities required across the whole community to prevent, protect against, mitigate, respond to, and recover from the threats and hazards that pose the greatest risk".

Applications are due August 16, 2021. Approximately three to five awards of up to \$3 million are anticipated.

LINKS: [Grants.gov](#)

HEALTH and MENTAL HEALTH

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

Notice seeking applications intended to support efforts addressing core ethical issues associated with research focused on the human brain and resulting from emerging technologies and advancements supported by the BRAIN Initiative. This FOA encourages research project grant applications from multi-disciplinary teams focused on key ethical issues associated with BRAIN Initiative supported research areas.

Applications are due October 13, 2021, October 11, 2022, and October 11, 2023. Optional letters of intent are due 30 days prior to the application due date. Approximately \$3 million is available to support up to eight awards.

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

Cancer Target Discovery and Development (CTD2) (U01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications focused on efforts that advance cancer research by bridging the knowledge

gap between the large volumes of comprehensive molecular characterizations of many cancer types and studies of the underlying etiology of cancer development, progression, and/or metastasis.

Applications are due October 6, 2021, February 8, 2022, and October 6, 2022. Optional letters of intent are due 30 days prior to the application due date.

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

Continuation of The Collaborative Islet Transplantation Registry (U01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications that compiled and analyzed islet transplantation data with the intent to capture all clinical activity in North America as well as additional sites in other countries. Currently, data on both allo- and autotransplantation are collected.

Applications are due October 20, 2021. Optional letters of intent are due September 20, 2021. Approximately \$800,000 is available.

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

Elucidating the Roles of Transposable Elements in AD-ADRD and 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 applications to support hypothesis-driven research to gain an understanding of the dysregulation of transposable elements (TE) and their contributions to Alzheimer's disease (AD) and Alzheimer's disease-related dementias (ADRD) and aging.

Applications are due November 2, 2021. Optional letters of intent are due October 2, 2021. Approximately \$9.5 million is available to support 13 to 18 awards.

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

NIH Faculty Institutional Recruitment for Sustainable Transformation (FIRST) Program: FIRST Cohort (U54 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to transform culture at NIH-funded extramural institutions by building a self-reinforcing community of scientists committed to diversity and inclusive excellence. Implementing and sustaining cultures of inclusive excellence within the program has the potential to be transformational for biomedical research at the awardee institutions and beyond.

Applications are due September 24, 2021. Optional letters of intent are due 30 days prior to the application due date. Approximately \$70.5 million is available over five years to support up to four awards.

Limited Submission: Only one application per institution

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

Teaching Health Center Planning and Development Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Bureau of Health Workforce

Notice seeking applications to make awards to establish new accredited or expanded community-based primary care residency programs in family medicine, internal medicine, pediatrics, internal medicine-

pediatrics, psychiatry, obstetrics and gynecology, general dentistry, pediatric dentistry, or geriatrics to support the expansion of the primary care physician and dental workforce in underserved communities.

Applications are due August 30, 2021. Approximately \$25 million is available to support 50 awards.

LINKS: [Grants.gov](#)

Technology Development for Single-Molecule Protein Sequencing (R43-R44 Clinical Trial not allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to catalyze major advances in single-molecule protein sequencing through technology development. The goal of this initiative is to achieve technological advances over the next five years that enable generation of protein sequencing data at sufficient scale, speed, cost and accuracy to use routinely in studies of genome biology and function, and in biomedical and clinical research in general.

Applications are due October 1, 2021; June 15, 2022; June 15, 2023. Optional letters of intent are due 30 days prior to the application due date.

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

Understanding and Targeting the Pathophysiology of Youth-onset Type 2 Diabetes Biostatistics Research Center and Clinical Center (U01 Clinical Trial Not Allowed)
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 to participate in a clinical consortium to better understand youth-onset type 2 diabetes. A separate FOA (RFA-DK-21-002) invites Clinical Centers to recruit a cohort of early pubertal youth at risk for developing type 2 diabetes and study them through puberty.

Applications are due March 3, 2022. Optional letters of intent are due February 3, 2022. Approximately \$15 million is available.

LINKS: [Grants.gov \(Biostatistics Research Center\)](#), [Grants.gov \(Clinical Centers\)](#), [Solicitation](#)

Approaches to Effective Therapeutic Management of Pain for People With Sickle Cell Disease
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a workshop on Sickle Cell Disease Pain aims to explore critical gaps and research challenges, as well as to brainstorm potential solutions for this understudied pain condition in a highly underserved population. This fits into the NIH mission of seeking fundamental knowledge to enhance health.

The meeting will be held on July 21-22, 2021, from 11:30 a.m. to 5:30 p.m. (ET) via videocast. You can register for this meeting at <https://www.eventbrite.com/e/trans-nih-workshop-on-sickle-cell-disease-pain-tickets-154427600109>.

LINKS: [Federal Register](#)

Meeting of the COVID-19 Health Equity Task Force
Department of Health and Human Services (HHS), Office of the Assistant Secretary for Health (OASH)

Notice announcing a meeting of the COVID-19 Health Equity Task Force. The purpose of the meeting is to consider interim recommendations addressing future pandemic preparedness, mitigation, and resilience needed to ensure equitable response and recovery in communities of color and other underserved populations. This meeting is open to the public and will be live-streamed at www.hhs.gov/live.

The meeting will be held on July 30, 2021, from 2 p.m. to approximately 6 p.m. ET (date and time are tentative and subject to change).

LINKS: [Federal Register](#)

Aging Research in Animals (ARIA): Promoting Rigorous Research on Behavioral and Social Processes (R61 R33 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals to develop and strengthen animal models for behavioral and social research in the interest of furthering the mechanistic understanding of how social and physical environmental factors contribute to aging processes and the etiology and progression of age-related conditions and diseases.

Applications are due October 20, 2021. Approximately five to seven awards are anticipated, with funding levels determined by project type.

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

Combat Readiness - Rapid Development and Translational Research Award
Army (Army), Department of Defense (Defense)

Notice seeking proposals to support research that will accelerate the movement of promising ideas into clinical applications, including healthcare products, technologies, and/or practice guidelines. Research under this award mechanism should represent a rapid advancement or innovative "leap ahead" and have the potential for broadly applicable, cross-cutting advances benefiting military health and medicine as well as the general public.

Required pre-applications are due August 31, 2021. Applications are due December 1, 2021. Approximately \$7.2 million is available to support four awards.

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

Health and Public Safety Workforce Resiliency Training Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to plan, develop, operate or participate in health professions and nursing training activities using evidence-based or evidence-informed strategies, to reduce and address burnout, suicide, mental health conditions and substance use disorders and promote resiliency among health care professionals, including health care students, residents, professionals, paraprofessionals, trainees, public safety officers, and employers of such individuals, collectively known as the "Health Workforce," in rural and medically underserved communities.

Applications are due August 30, 2021. Approximately \$68.42 million is available to support up to 30 awards over three years.

LINKS: [Grants.gov](#)

Limited Competition Emergency Awards: Shared Personal Protective Equipment Resources for COVID-19 Related Vaccine and Treatment Clinical Trials and Clinical Studies (S10 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 ensure that adequate protective equipment is available to directly assist in

safely carrying out the clinical activities and direct interactions with the patients participating in the trial. Eligibility is limited to recipients conducting COVID-related clinical research and clinical studies supported by NIAID's emergency appropriation provided by "The Coronavirus Preparedness and Response Supplemental Appropriations Act, 2020", "The Coronavirus Aid, Relief and Economic Security (CARES) Act", "The Coronavirus Response and Relief Supplemental Appropriations Act, 2021" and "The American Rescue Plan Act of 2021".

Applications will be accepted on a rolling basis. Program expires July 16, 2022.

Limited Submission: Only one application per institution

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

NIAID Research Education Program Advancing the Careers of a Diverse Research Workforce (R25 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 educational activities that encourage individuals from diverse backgrounds, including those from groups underrepresented in the biomedical and behavioral sciences, to pursue further studies or careers in research

Applications are due September 10, 2021; January 25, 2022; May 25, 2022; January 25, 2023; and May 25, 2023.

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

NINDS Exploratory Clinical Trials for Small Business (R41-R42 Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking applications to provide a vehicle for Small Business Concerns (SBCs) submitting Small Business Innovation Research (SBIR) grant applications for investigator-initiated exploratory clinical trials to the National Institute of Neurological Disorders and Stroke (NINDS).

Applications are due September 7, 2021 and then annually on September 5, January 5, and April 5. Program expires April 6, 2024. Optional letters of intent are due 30 days prior to the application due date.

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

Primary Care-Based Screening and Intervention Development for Prevention of Abuse in Older and Vulnerable Adults in the Context of Alzheimer's Disease and Related Dementias (R61 R33 Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals for research that can lead to the development of evidence-based primary care screening tools and behavioral interventions to prevent abuse in at-risk older and vulnerable adults with mild cognitive impairment and Alzheimer's disease and Alzheimer's disease-related dementias and their families.

Applications are due October 20, 2021. Approximately 10 to 14 awards are anticipated with funding levels determined by project type.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Advancing Informal STEM Learning
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF)

Notice seeking proposals to: advance new approaches to and evidence-based understanding of the design and development of STEM learning opportunities for the public in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and engage the public of all ages in learning STEM in informal environments. Multiple project types are sought: Pilots and Feasibility Studies; Research in Service to Practice; Innovations in Development; Broad Implementation; Literature Reviews, Syntheses, or Meta-analyses; and Conferences.

Applications are due January 18, 2022. Multiple awards of each type are anticipated, with funding levels determined by project type.

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

Environmental Microbes as a BioEngineering Resource (EMBER)
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals to develop novel, bio-based technologies to overcome key challenges facing domestic supply of Rare Earth Elements critical to the U.S. and Department of Defense.

Applications are due September 27, 2021. Multiple awards are anticipated.

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

Advanced Scientific Computing Advisory Committee
Department of Energy (Energy)

Notice announcing a meeting of the Advanced Scientific Computing Advisory Committee including an update on the budget, accomplishments, and planned activities of the Advanced Scientific Computing Research program and the exascale computing project; an update from the Office of Science; technical presentations from funded researchers; and updates from subcommittees.

The meeting will be held virtually on July 29, 2021 from 1:00 to 6:00 p.m. ET.

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

2021 Army Geospatial Center (AGC) Broad Agency Announcement (BAA)
Department of Defense (Defense), U.S. Army Corps of Engineers (USACE)

Notice seeking white papers of basic and applied research, advanced technology development, and advanced component development and prototypes for areas relating to the advancement of a wide variety of geospatial topics.

White papers are required and will be accepted until July 16, 2022. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)

Division of Materials Research: Topical Materials Research Programs
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals advancing the fundamental understanding of materials, materials discovery, design, synthesis, characterization, properties, and materials-related phenomena.

Applications will be accepted any time after October 15, 2021. Approximately \$66 million is available to fund an anticipated 250 awards.

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

ROSES 2021: Decadal Survey Incubation
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to promote (1) innovation in the research, development, and demonstration of new measurement technologies in preparation for future integrated observing system architectures, and (2) science activities that support maturation of measurement concepts, retrieval algorithms, models, data assimilation, and/or integrated observing system approaches.

Proposals are due October 14, 2021. Requested notices of intent are due August 17, 2021. Approximately \$12.9 million is available

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

Science and Technology New Initiatives BAA
Department of Defense (Defense), Defense Threat Reduction Agency (DTRA)

Notice seeking proposals accelerating innovations contributing to the mission of the Defense Threat Reduction Agency in terms of identifying and neutralizing weapons of mass destruction in three broad areas: analytic investigations; innovative capability research and development; and mission-oriented experiments.

White papers will be accepted until December 31, 2021. Multiple awards are anticipated.

LINKS: [Contract Opportunities](#)