

ARTS, HUMANITIES, and INTERNATIONAL

Capacity Building Program for South Sudan and Ukraine
Department of State (State), Office of Global Criminal Justice (GCJ)

Notice seeking proposals that leverages economies of scale to the extent appropriate in/ for two programs—one in/ for South Sudan and one in/for Ukraine. These programs will build capacity in international human rights, criminal, and humanitarian law (IHL) and training programs in the investigation and prosecution of serious international crimes.

Proposals are due August 2, 2021. Approximately \$2.5 million is available. Partnership opportunities exist for colleges and universities.

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

Dialogues on the Experience of War
National Endowment for the Humanities (NEH), Division of Education Programs

Notice seeking proposals supporting the study and discussion of important humanities sources about war, in the belief that these sources can help U.S. military veterans and others think more deeply about the issues raised by war and military service. Project teams should include humanities scholars, military veterans, and individuals with relevant experience.

Applications are due October 14, 2021. An estimated ten awards of up to \$100,000 are anticipated.

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

Notice To Announce Request for Information To Assist in the Development of the Institute of Museum and Library Services' 2022-2026 Strategic Plan
Institute of Museum and Library Services (IMLS)

Notice requesting public input to assist the Institute of Museum and Library Services (IMLS) in the strategic planning process and to ensure that Agency stakeholders are given an opportunity to comment on the Agency's strategic goals for fiscal years 2022-2026.

Comments are due by August 6, 2021.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

State, Local, Territorial, and Tribal (SLTT) Partnership Programs to Reduce Maternal Deaths due to Violence
Department of Health and Human Services (HHS), Office of the Assistant Secretary for Health (OASH)

Notice seeking applications for state, local, territorial, and tribal (SLTT) partnership projects designed to identify and reduce deaths among pregnant and postpartum women due to violence. For the purposes of this Notice of Funding Opportunity (NOFO), violent maternal deaths are defined as maternal deaths due to homicide and suicide.

Applications are due August 12, 2021. Approximately \$4.3 million is available to support up to 15 awards.

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

Broadband Grant Programs Webinar Series
Department of Commerce (Commerce)

Notice announcing a webinar series in connection with the three new broadband grant programs authorized and funded by the Consolidated Appropriations Act, 2021: The Broadband Infrastructure Program, the Tribal Broadband Connectivity Program, and the Connecting Minority Communities Pilot Program.

The webinars for the Broadband Infrastructure Program will be held on August 4 and 5, 2021. The webinars for the Tribal Broadband Connectivity Program will be held on August 11, 12, 23, and 24, 2021. The webinars for the Connecting Minority Communities Pilot Program will be held on August 18 and 19; September 22 and 23; and October 20 and 21, 2021. All webinars will begin at 2:30 p.m. ET.

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

STEM Education Advisory Panel; Notice of Meeting
National Science Foundation (NSF)

Notice announcing a meeting of the STEM Education Advisory Panel to provide advice to the Committee on Science, Technology, Engineering, and Mathematics Education (CoSTEM) and to assess CoSTEM's progress.

The meeting will be held virtually on August 2, 2021 from 11:00 AM to 5:00 PM ET.

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

HEALTH and MENTAL HEALTH

Computationally-Defined Behaviors in Psychiatry (R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking applications for research projects that will apply computational approaches to develop parametrically detailed behavioral assays across mental-health relevant domains of function. These projects should focus on behavior in humans and test computational models in healthy, trans-diagnostic, unselected, or community samples.

Applications are due annually on November 1. Optional letters of intent are due annually on October 1. Program expires November 2, 2023.

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

Grants for Early Medical Surgical Specialists' Transition to Aging Research (GEMSSTAR) (R03 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking proposals from early-career physician-scientists trained in medical or surgical specialties or early-career dentist-scientists to launch careers as future leaders in aging- or geriatric-focused research. Grantees will conduct transdisciplinary aging research that will yield pilot data and experience for subsequent aging research projects.

Applications are due November 2, 2021. An estimated 15 awards of up to \$100,000 are anticipated.

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

HEAL Initiative: Novel Targets for Opioid Use Disorders and Opioid Overdose (R01 and R21 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals focusing on the identification of druggable new targets and discovery of optimizable probes for development of safe and efficacious medications to prevent and treat opioid use disorders, opioid overdose, and opioid-polysubstance use comorbidities. R01 and R21 mechanisms are available.

Applications are due October 19, 2021. An estimated eight to ten awards between the two mechanisms are expected, with an award ceiling of \$275,000 for R21 grants, and \$400,000 for R01 grants.

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

HIV-associated Non-Communicable Diseases Research at Low- and Middle-Income Country Institutions (R21 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for funds supporting the following activities: to support locally relevant research in critical areas of HIV-associated non-communicable diseases at Low- and Middle-Income Country (LMIC) Institutions; to enhance research capacity; and build a network of researchers both within and across LMICs to address this critical burden.

The next due date for applications is December 8, 2021. Multiple awards of up to \$275,000 are anticipated.

Limited Submission: Must serve a lower-income community or be a minority-serving institution.

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

Identification and Characterization of Bioactive Microbial Metabolites for Advancing Research on Microbe-Diet-Host Interactions (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals to identify and characterize microbial metabolites that will establish causal associations between microbial metabolism and host health and disease.

The next due date for applications is October 20, 2021. Multiple awards are anticipated.

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

Innate Immune Memory Impacting HIV Acquisition and or Control (R21 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID); National Institute on Drug Abuse (NIDA)

Notice seeking applications to investigate innate immune cell effector functions and innate immune memory as a means to prevent HIV infection and/or establishment of disease. Exploratory research from basic molecular mechanisms, translational work, and clinical research examining innate memory are encouraged.

Applications are due December 6, 2021. Optional letters of intent are due 30 days prior to the application due date. Approximately \$2.5 million is available to support seven to eight awards.

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

Large Research Projects for Prevention of Healthcare-Associated Infections (R01)

Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice seeking applications for funding to conduct Large Research Projects (R01) that propose to advance the base of knowledge for detection, prevention, and reduction of Healthcare-Associated Infections (HAIs). This FOA describes the broad areas of HAI research for which funds are available to support Large Research Projects.

Applications are due October 5, 2021 and annually on February 5, June 5, and October 5.

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

Metabolic Dysregulation and Cancer Risk Program, Research Grants: a Transdisciplinary Approach to Obesity-Associated Research (U01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking proposals for transdisciplinary studies that will enhance our knowledge of the dynamics and underlying mechanisms that link obesity, metabolic dysregulation and increased cancer risk.

Applications are due October 6, 2021. An estimated five awards of up to \$850,000 are anticipated.

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

Transformative Artificial Intelligence and Machine Learning Based Strategies to Identify Determinants of Exceptional Health and Life Span (R21 and 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 novel transformative artificial intelligence/machine learning strategies and computer automation to integrate, extract, and interpret multi-omic (i.e., genome, epigenome, transcriptome, proteome, metabolome, microbiome, phenome) data sets from human exceptional longevity cohorts and multiple non-human species that display wide variation in life span and decipher the relationships between DNA, RNA, proteins, metabolites, and other cell variables, as well as links to disease risks and exceptionally healthy aging.

Applications are due October 28, 2021. An estimated \$750,000 is available to fund approximately four awards.

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

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

Notice announcing a meeting of the National Advisory Neurological Disorders and Stroke Council with the following agenda: Report by the Director, NINDS; Report by the Director, Division of Extramural Activities; Administrative and Program Developments; and Overview of the NINDS Intramural Program.

The open portion of the meeting will be held on September 9, 2021 from 1:00 to 5:30 p.m. ET.

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

Request for Nominations for the Science Advisory Board 2021 Scientific and Technological Achievement Awards Panel
Environmental Protection Agency (EPA)

Notice seeking nominations for the Science Advisory Board 2021 Scientific and Technological Achievement Awards Panel from leading scientists in a wide range of environmental science disciplines.

Nominations must be submitted by July 27, 2021.

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

Antiviral Drug Discovery (AViDD) Centers for Pathogens of Pandemic Concern (U19 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 to join the Antiviral Drug Discovery program of multidisciplinary Centers focused on discovery and development of antivirals against coronaviruses and select RNA viruses with pandemic potential. Through this program, NIAID will encourage the development of antivirals that are effective against multiple viruses, technologies that can be widely applied to improve classes of antivirals, and platforms that can reduce the time and cost of creating new antivirals.

Applications are due October 22, 2021. An estimated eight awards of up to \$15 million are anticipated.

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

Dyadic Interpersonal Processes and Biopsychosocial Outcomes (R01 - Basic Experimental Studies with Humans AND Clinical Trials Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for basic and/or methodological research projects that seek to illuminate or measure independent and interdependent health-related effects within dyads. Both R01 Basic Experimental Studies and R01 Clinical Trials Not Allowed mechanisms are available.

Applications are due March 5, 2022. Multiple awards are anticipated.

LINKS: [Grants.gov \(R01 - Basic Experimental Studies with Humans\)](#), [Grants.gov \(R01 Clinical Trials Not Allowed\)](#)

Exploiting in Vivo or in Situ Imaging Approaches to Understand HIV-relevant Processes In The Context of Substance Use Disorders (R61 R33 Clinical Trials Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking proposals that further develop or exploit advances using in situ or in vivo imaging or related technologies to investigate HIV/SIV infection, latent reservoirs, the pathogenic consequences of HIV/SIV infection, or the effects of HIV/SIV or substance use disorder therapies.

Applications will be accepted until August 22, 2022. An estimated \$3 million is available to fund five to eight awards.

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

Framework to Address Health Disparities through Collaborative Policy Efforts: Demonstration Projects
Department of Health and Human Services (HHS)

Notice seeking proposals for the identification of effective approaches for improving health outcomes with

the ultimate goal of promoting dissemination and sustainability of health policies and programs that will help eliminate health disparities among of racial and ethnic minority populations.

Applications are due August 23, 2021. An estimated four awards of up to \$375,000 are anticipated.

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

NIMH Career Transition Award for Tenure-Track Intramural Investigators (K22 No Independent Clinical Trials)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking proposals to provide support for career intramural investigators at the National Institute of Mental Health who aim to transition from the Division of Intramural Research Programs to an independent research faculty position in the extramural community.

The next due date for applications is October 12, 2021. Multiple awards are anticipated.

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

Pediatric Immune System Ontogeny and Development (INTEND) (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking proposals to correlate immune system development patterns between two or more age groups- neonates, infants, and children and adolescents and further understand the impact of infectious diseases, microbiome and environmental factors on ontogeny and development of pediatric immune system, from birth, transitioning into adolescence and adulthood with focus impact during pregnancy and post-natal period.

The next due date for applications is October 5, 2021. Multiple awards of up to \$400,000 per year are anticipated.

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

PHS 2021-2 Omnibus Solicitation of the NIH, CDC and FDA for Small Business Innovation Research Grant Applications

Centers for Disease Control and Prevention (CDC), Food and Drug Administration (FDA), National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals from small businesses and their partners to contribute to the R&D mission of the participating organizations (NIH, CDC, and FDA). Links to requested research topics can be found in the individual solicitations. Institutions of higher education may partner on SBIR proposals and must partner on STTR proposals. Multiple mechanisms exist, including: Solicitation of the NIH, CDC and FDA for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44] Clinical Trial Not Allowed); Solicitation of the NIH and CDC for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44] Clinical Trial Required); Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42] Clinical Trial Required); and Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42] Clinical Trial Not Allowed). (The grants.gov link for PA-21-262 does not fit in the links section below and is included here.)

Applications will be accepted until April 5, 2022. Multiple awards are anticipated.

LINKS: [Grants.gov \(PA-21-261\)](#), [Grants.gov \(PA-21-260\)](#), [Grants.gov \(PA-21-259\)](#)

Promoting Vaccine Confidence in Local Communities through Partnership with Regional Health Offices
Department of Health and Human Services (HHS)

Notice seeking proposals to expand traditional immunization partnerships to plan, implement, and evaluate evidence-based practices and develop novel approaches to increase confidence in vaccines in local communities, particularly partnerships with minority-serving or other advocacy organizations that work with populations with low vaccination rates.

Applications are due August 17, 2021. An estimated six to eight awards of up to \$125,000 are anticipated.

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

Service Area Competition

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

Notice seeking proposals to provide primary health care services to the Nation's medically underserved populations. Proposals must serve zip codes found on the Service Area Announcement Table.

Applications are due September 7, 2021. An estimated 58 awards. Funding is based on the percentage of targeted patients in an area the applicant proposes to serve.

LINKS: [Grants.gov](#)

Technology Development for Single-Molecule Protein Sequencing (R01 and R21 Clinical Trial not allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Human Genome Research Institute (NHGRI); National Cancer Institute (NCI)

Notice seeking proposals 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.

The next due date for applications is October 1, 2021. An estimated eight to ten awards of up to \$500,000 per year are anticipated.

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

Meeting of the Presidential Advisory Council on HIV AIDS
Department of Health and Human Services (HHS)

Notice announcing a meeting of the Presidential Advisory Council on HIV/AIDS with a forthcoming agenda.

The meeting will be held virtually on August 3 and 4, 2021 from 1:00 to 5:00 p.m. ET.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Desalination and Water Purification Research Program for Fiscal Year(FY) 22
Department of the Interior (Interior), Bureau of Reclamation

Notice seeking applications to develop innovative, cost-effective, and technologically efficient ways to desalinate or treat water. DWPR funding plays a critical role in iterating an idea from the lab to a real-world

demonstration, which yields products that serve the water treatment community and attract commercialization interest.

Applications are due September 9, 2021. Approximately \$7.85 million is available to support 10 to 20 awards. 50 percent cost share is required.

LINKS: [Grants.gov](#)

Secure and Trustworthy Cyberspace Frontiers
National Science Foundation (NSF)

Notice seeking proposals that address cybersecurity and privacy, and draw on expertise in one or more of these areas: computing, communication and information sciences; engineering; economics; education; mathematics; statistics; and social and behavioral sciences.

Required letters of intent are due September 7, 2021. Proposals are due November 17, 2021. Approximately \$15 million is available to support two awards.

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

Advanced Technological Education
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF), Division of Undergraduate Education

Notice seeking proposals to support the education of technicians for the high-technology fields that drive our nation's economy. The program involves partnerships between academic institutions (grades 7-12, IHEs), industry, and economic development agencies to promote improvement in the education of science and engineering technicians at the undergraduate and secondary institution school levels.

Proposals are due October 14, 2021, October 6, 2022, and October 5, 2023. An estimated \$75 million is available for 45 to 80 awards.

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

Advancing Wave Energy Technologies through Open Water Testing at PacWave
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE); Water Power Technologies Office (WPTO)

Notice seeking applications to supports open water Research and Development (R&D) at the PacWave test site1 that is needed to advance wave energy converter (WEC) technologies towards commercial viability. This FOA will only fund projects that will perform testing at the PacWave South test site.

Required concept papers are due August 13, 2021. Applications are due October 5, 2021. An estimated \$27 million is available for up to 10 awards. 10 percent cost share is required.

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

Climate Program Office FY2022
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals for high-priority climate science, assessments, decision-support research, outreach, education, and capacity-building activities to advance our understanding of the Earth's climate system, and to foster the application and use of this knowledge to improve the resilience of our Nation and its partners.

Required letters of intent are due August 9, 2021. An estimated 90 awards are anticipated, with funding based on project topic and scope.

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

Supporting Anaerobic Digestion in Communities
Environmental Protection Agency (EPA)

Notice seeking proposals that will demonstrate means of accelerating the development of new or enhance/increase existing anaerobic digestion capacity and infrastructure in the United States from food waste.

Applications are due October 7, 2021. An estimated one to two awards of up to \$200,000 are anticipated in each EPA region.

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