ARTS, HUMANITIES, and INTERNATIONAL

Annual Program Statement for Cultural Affairs Small Grants Program
Department of State (State)

Notice seeking proposals or programs that strengthen cultural ties between the United States and Uzbekistan and support a priority program area in order to highlight shared values and promote bilateral cooperation. All proposed programs must include an American cultural element, or connection with American expert/s, organization/s, or institution/s to promote increased understanding of U.S. policy and perspectives. Priority program areas are Arts, Culture and Sports.

Applications are due May 15, 2022 for the first round and July 15, 2022 for the second round. An estimated 10 awards for up to $15,000 each are available.

LINKS: Grants.gov

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

Notice seeking proposals for programs that strengthen cultural, educational, professional, and/or scientific ties between the United States and Guatemala through cultural, educational, and/or exchange programming that highlights our shared values and promotes bilateral cooperation.

Applications are due the last day of each month between April and August 2022. The maximum award amount is $25,000.

LINKS: Grants.gov

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Fiscal Year (FY) 2022 Targeted Violence and Terrorism Prevention (TVTP)
Federal Emergency Management Agency (FEMA), Department of Homeland Security (Homeland Security)

Notice seeking proposals that prevent all forms of targeted violence and terrorism as well as projects that seek to prevent emerging or growing threats.

Applications are due May 18, 2022. Multiple awards with a ceiling of $2 million are anticipated.

LINKS: Grants.gov

2022 Build to Scale Program
Economic Development Administration (EDA), Department of Commerce (Commerce)

Notice seeking proposals for two separate competitions: the Venture Challenge, seeking to advance technology-based economic development and regional innovation ecosystems that promote the commercialization of new technologies, strengthen growing industry clusters, and lead to the expansion of high-paying economic opportunities in communities, regions, or combinations of regions; and the Capital Challenge, seeking to increase access to capital, particularly in communities where there is a limited supply of equity-based funding and a demonstrated opportunity to invest in technology-based businesses aligned with growing industry and technology clusters. 50% matching funds are required.

Applications are due June 13, 2022. Multiple awards of both type are anticipated.

LINKS: Grants.gov, Solicitation

NIST Standards Services Curricula Development Cooperative Agreement Program (SSCD CAP)
National Institute of Standards and Technology (NIST), Department of Commerce (Commerce)

Notice seeking proposals to develop undergraduate and/or graduate level curricula to incorporate documentary standards, standards development, and standardization information and content into seminars, modules, courses, and learning resources.

Applications are due June 14, 2022. An estimated eight awards with a ceiling of $100,000 are anticipated.

LINKS: Grants.gov

OJJDP FY 2022 Family-Based Alternative Sentencing Program
Department of Justice (Justice), Office of Juvenile Justice Delinquency Prevention (OJJDP)

Notice seeking applications to establish new and enhance existing family-based alternative sentencing programs for parents/primary caregivers in the criminal justice system to improve child, parent, and family outcomes. These programs will increase family preservation, improve parental attachment, increase healthy child development, prevent children from entering the foster care system, improve parenting skills, reduce the likelihood of future involvement in the criminal justice system, and reduce the financial impact on the criminal justice and/or child welfare systems.

Applications are due June 6, 2022 for Grants.gov. Applications are due June 20, 2022 for JustGrants. An estimated six awards of up to $750,000 each is available.

LINKS: Grants.gov

OJJDP FY 2022 Supporting Effective Interventions for Youth with Problematic or Illegal Sexual Behavior
Department of Justice (Justice), Office of Juvenile Justice Delinquency Prevention (OJJDP)

Notice seeking applications to prevent sexual reoffending by youth with problematic or illegal sexual behavior, promote healing, and provide services for victims and families/caregivers. There are two categories of funding available. The categories are Project Sites and Training and Technical Assistance.

Applications are due June 6, 2022 for Grants.gov. Applications are due June 20, 2022 for JustGrants. Approximately $2.9 million is available to fund five awards.

LINKS: Grants.gov

Staff Sergeant Parker Gordon Fox Suicide Prevention Grant Program
Department of Veterans Affairs (VA)

Notice seeking applications to provide financial assistance through a 3-year community-based grant program to eligible entities to provide, or coordinate the provision of, suicide prevention services to eligible Veterans and their families. Funding offered under this Notice of Funding Opportunity (NOFO) responds to the mounting need to reach Veterans at risk for suicide in their communities.

Applications are due June 10, 2022. The maximum award is $750,000 per year.

LINKS: Federal Register

HEALTH and MENTAL HEALTH

DoD Kidney Cancer, Concept Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support highly innovative, untested, potentially groundbreaking novel concepts in kidney cancer. The Concept Award is not intended to support an incremental progression of an already established research project but, instead, it allows Principal Investigators (PIs) the opportunity to pursue serendipitous observations.

Required pre-applications are due June 23, 2022. Approximately $2.56 million is available to fund 16 awards.

LINKS: Grants.gov

DoD Kidney Cancer, Idea Development Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support innovative ideas and high-impact approaches, based on scientifically sound evidence, to move toward the KCRP vision of eliminating kidney cancer. The research project should include a well-formulated, testable hypothesis based on strong scientific rationale and a well-developed and articulated research approach. Personnel on the proposed team should have a strong background in kidney cancer research.

Required pre-applications are due June 2, 2022. Approximately $19.44 million is available to fund 16 awards.

LINKS: Grants.gov

DoD Kidney Cancer, Postdoctoral and Clinical Fellowship Award
Army (Army), Department of Defense (Defense)

Notice seeking proposals to support recent doctoral or medical school graduates in pursuit of innovative, high-impact kidney cancer research during their postdoctoral and/or clinical fellowship and allows them to obtain the necessary experience for an independent career as a leader in kidney cancer research. Applicants must demonstrate that the proposed research has high potential to lead to, or make, significant advancements in kidney cancer research and/or patient care.

Required pre-applications are due June 23, 2022. Approximately $1.87 million is available to fund six awards.

LINKS: Grants.gov

DoD Kidney Cancer, Translational Research Partnership Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support partnerships between clinicians and research scientists that will accelerate the movement of promising ideas in kidney cancer toward clinical applications. This award supports the development of translational research collaborations between two independent, faculty-level (or equivalent) investigators to address a central problem or question in kidney cancer in a manner that would be less readily achievable through separate efforts.

Required pre-applications are due June 2, 2022. Approximately $6 million is available to fund five awards.

LINKS: Grants.gov

DoD Neurofibromatosis, Exploration- Hypothesis Development Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to supports the initial exploration of innovative, high-risk, high-gain, and potentially groundbreaking concepts in NF research. Studies supported by this award mechanism are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well-formulated, testable hypothesis based on strong scientific rationale and study design.

Required pre-applications are due June 30, 2022. Approximately $800,000 is available to fund five awards.

LINKS: Grants.gov

DoD Neurofibromatosis, Investigator- Initiated Research Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support highly rigorous, high-impact research projects that have the potential to make an important contribution to NF research and/or patient care. Research projects may focus on any phase of research, excluding clinical trials. The rationale for a research idea may be derived from laboratory discovery, population-based studies, a clinician's firsthand knowledge of patients, or anecdotal data.

Required pre-applications are due June 30, 2022. Approximately $4.52 million is available to fund five awards.

LINKS: Grants.gov

Imaging, Biomarkers and Digital Pathomics for the Early Detection of Premetastatic Cancer and Precancerous Lesions Associated with Lethal Phenotypes (R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking proposals for the development of state-of-the-art projects that integrate imaging, biomarkers, digital pathomics, glycomics, metabolomics, other omic information and/or meta data obtained from platforms including but not limited to lower resolution diagnostic acquisitions and systemic biomarker results to high resolution single-cell analytics / imaging applied to the characterization of heterogeneous cell populations within tumor for improving current approaches for: the early detection of organ confined premetastatic aggressive cancer; and identifying precancerous lesions associated with a subsequent lethal phenotype.

The next due date for applications is October 5, 2022. Multiple awards are anticipated.

LINKS: Grants.gov, Solicitation

IND-enabling Studies of Somatic Genome Editing Therapeutic Leads (U19, Clinical Trial Not allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support team-based research Projects to accelerate further optimization and development of genome editing-based therapeutic leads towards IND-enabling studies and an IND (Investigational New Drug) application submission to the U.S. Food and Drug Administration (FDA).

Applications are due July 19, 2022. Optional letters of intent are due June 17, 2022. Approximately $25 million per year is available to fund five awards.

LINKS: Grants.gov, Solicitation

NEI Cooperative Agreement for Early-Stage Clinical Trials with Greater than Minimal Risk (U01 Clinical Trial Required)

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

Notice seeking proposals for investigator-initiated early-stage clinical trials that are greater than minimal risk and typically are Phase I or II trials intended to evaluate interventions aimed at screening, diagnosing, preventing, or treating vision disorders.

The next due date for applications is May 24, 2022. Multiple awards are anticipated.

LINKS: Grants.gov, Solicitation

NIH Directors Pioneer Award Program (DP1 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support individual scientists of exceptional creativity who propose highly innovative research projects with the potential to produce a major impact on broad, important areas relevant to the mission of NIH. For the program to support the best possible researchers and research, applications are sought which reflect the full diversity of the nation's research workforce.

Applications are due September 9, 2022. Approximately $8 million is available to fund seven awards.

LINKS: Grants.gov, Solicitation

Paul Calabresi Career Development Award for Clinical Oncology (K12 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to increase the number of clinician-scientists trained in clinical and translational cancer research, and to promote their career development as cancer researchers.

Applications are due June 15, 2022, June 15, 2023, and June 17, 2024.

LINKS: Grants.gov, Solicitation

Transition to Aging Research for Predoctoral Students (F99-K00 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 foster the development of research and clinician scientists in the following areas: genetic, biological, clinical, epidemiological, neuroscientific, behavioral, social, and economic research on aging, both basic and translational.

Applications are due October 21, 2022, October 20, 2023, and October 18, 2023. Approximately $450,000 is available to fund 7 to 10 awards each year.

LINKS: Grants.gov, Solicitation

Advisory Council on Alzheimer's Research, Care, and Services
Department of Health and Human Services (HHS)

Notice announcing a public meeting of the Advisory Council on Alzheimer's Research, Care, and Services (Advisory Council). The Advisory Council provides advice on how to prevent or reduce the burden of Alzheimer's disease and related dementias on people with the disease and their caregivers.

The meeting will be held on May 2 and 3, 2022 from 1:00 to 4:00 pm ET each day. The meeting will be virtual, streaming live at www.hhs.gov/live.

LINKS: Federal Register

Community Health Worker Training Program (CHWTP)
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking proposals for projects that will increase the number of Community Health Workers and Health Support Workers and equip them with the skillsets needed to provide effective community outreach build trust with communities, support connections to and retention in care and support services, and other strategies to increase access to care and to assist individuals in prevention services, and recovery from the COVID-19 pandemic and other public health emergencies in underserved communities.

Applications are due June 14, 2022. An estimated 75 grants with a ceiling of $3 million are anticipated.

LINKS: Grants.gov

Pilot Projects Investigating Understudied G Protein-Coupled Receptors, Ion Channels, and Protein Kinases (R03 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for pilot projects on illuminating the Druggable Genome (IDG)-eligible understudied proteins (non-olfactory GPCRs, protein kinases, and ion channels) in order to study them beyond what the IDG's Centers can accomplish and to validate and demonstrate the utility of IDG-generated reagents, data, and approaches.

Applications are due July 15, 2022. Optional letters of intent are due June 15, 2022. Approximately $2 million is available to fund 10 to 12 awards.

LINKS: Grants.gov, Solicitation

Rural Opioid Technical Assistance Regional Centers
Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice seeking applications to implement regional centers of excellence to develop and disseminate training and technical assistance addressing opioid and stimulant misuse affecting rural communities.

Applications are due June 14, 2022. Approximately $6.5 million is available to fund up to 10 awards.

LINKS: Grants.gov, Solicitation

Specialized Alcohol Research Centers (P50 Clinical trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking proposals to create specialized Alcohol Research Centers to provide leadership in conducting and fostering interdisciplinary, collaborative research on a wide variety of topics relevant to the mission of the National Institute on Alcohol Abuse and Alcoholism.

Applications are due November 15, 2022. An estimated five awards with a ceiling of $1.5 million per year are anticipated.

LINKS: Grants.gov, Solicitation

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Innovative Technology Experiences for Students and Teachers
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF)

Notice seeking proposals applied research and development program with goals to advance the equitable and inclusive integration of technology in the learning and teaching of science, technology, engineering, or mathematics (STEM) from pre-kindergarten through high school. The program's objective is to support all students' acquisition of the foundational preparation in STEM disciplines.

Proposals are due August 12, 2022, August 11, 2023, and August 9, 2024. Approximately $25 to $30 million is available to fund up to 33 awards.

LINKS: Grants.gov, Solicitation

Advisory Committee for Biological Sciences
National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Biological Sciences. The purpose of the meeting is to provide advice and recommendations concerning major program emphases, directions, and goals for the research-related activities of the divisions that make up BIO.

The meeting will be held May 11, 2022, 10 am-5 pm ET, and May 12, 2022, 10 am-1 pm ET. The meeting will be held virtually.

LINKS: Federal Register

Advisory Committee for Education and Human Resources
National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Education and Human Resources. The purpose of the meeting is to provide advice with respect to the Foundation's science, technology, engineering, and mathematics (STEM) education and human resources programming.

The meeting will be held May 18, 2022; 12:00 pm-5:00 pm and May 19, 2022; 12:00 pm-5:00 pm. The meeting will be virtual. Registration is required.

LINKS: Federal Register

Data Visualization for Scientific Discovery, Decision-Making, and Communication
Department of Energy (Energy)

Notice seeking proposals for basic research in computer science exploring innovative approaches in data visualization to support scientific discovery, decision-making, and communication.

Required pre-applications are due May 23, 2022. Multiple awards with a ceiling of $100,000 are anticipated.

LINKS: Grants.gov

EXPRESS: 2022 Exploratory Research for Extreme Scale Science
Department of Energy (Energy)

Notice seeking proposals for basic research to explore potentially high-impact approaches in scientific computing and extreme-scale science.

Pre-applications are due May 20, 2022. Multiple awards of up to $200,000 are anticipated.

LINKS: Grants.gov

High Power Electromagnetics (HPEM)
Department of Defense (Defense)

Notice seeking proposals to vulnerability testing for a limited number of existing electronic systems to determine the effectiveness of different waveform parameters, with the objective of determining a waveform that meets both appropriate Size, Weight and Power (SWaP) constraints and effectiveness requirements for an HPEM weapon system to validate modeling tools and techniques.

Proposals are due May 16, 2022. Questions are due April 29, 2022. Approximately $1.5 million is available.

LINKS: Contract Opportunities

Improving Undergraduate STEM Education: Computing in Undergraduate Education
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking proposals to better prepare a wider, more diverse range of students to collaboratively use computation across a range of contexts and challenging problems. With this solicitation, the National Science Foundation focuses on re-envisioning how to teach computing effectively to a broad group of students, in a scalable manner, with an emphasis on broadening participation of groups who are underrepresented and underserved by traditional computing courses and careers.

Proposals are due August 18, 2022. Approximately $6 million is available to fund three to six awards.

LINKS: Grants.gov, Solicitation

IUSE-Professional Formation of Engineers: Revolutionizing Engineering Departments
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking proposals designing revolutionary new approaches to engineering education, ranging from changing the canon of engineering to fundamentally altering the way courses are structured to creating new departmental structures and educational collaborations with industry. A common thread across these projects is a focus on organizational and cultural change within the departments, involving students, faculty, staff, and industry in rethinking what it means to provide an engineering program.

Proposals are due July 18, 2022. Approximately $4 to $12 million is available to fund six to nine awards.

Limited Submission: Two proposals per organization is allowed.

LINKS: Grants.gov, Solicitation

MUREP Small Business Technology Transfer Research (M-STTR) Planning Grant
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to bring together MSI researchers and SBCs, thus maximizing the potential for long-term collaborations and enhancing the opportunities provided through the STTR program. Grants are intended to address challenges and barriers faced by the MSI research community in developing

collaborative opportunities. Funding enables universities and SBCs to engage in substantive conversations along mutual areas of interest, goals, and long-term outcomes.

Proposals are due May 23, 2022. Pre-proposal teleconference is April 21, 2022. An estimated 10 awards of up to $50,000 each is available. MSIs are eligible.

LINKS: Grants.gov, Solicitation

Randomized Algorithms for Combinatorial Scientific Computing
Department of Energy (Energy)

Notice seeking proposals for basic research in the design, development, analysis, and scalability of randomized algorithms for the challenging discrete and combinatorial problems that arise in the energy, environmental, and national security mission areas.

Required pre-applications are due May 27, 2022. An estimated four to nine awards with a ceiling of $800,000 are anticipated.

LINKS: Grants.gov