### **ARTS, HUMANITIES, and INTERNATIONAL**

Archaeological and Ethnographic Field Research National Endowment for the Humanities (NEH), Office of Challenge Programs

Notice seeking applications to strengthen the institutional base of the humanities by enabling infrastructure development and capacity building. Awards aim to help institutions secure long-term support for their core activities and expand efforts to preserve and create access to outstanding humanities materials.

Applications are due September 28, 2021. Optional Draft applications are due August 17, 2021. The maximum award amount is \$750,000.

LINKS: Grants.gov, Solicitation

FY2022-2023 English for Journalists Program Department of State (State), U.S. Mission to Tajikistan

Notice seeking proposals to improve and diversify Tajikistan's media environment, access to credible sources of information, and ability to push back against malign information by improving the English language proficiency of journalists.

Proposals are due July 15, 2021. The maximum award amount is \$130,000.

LINKS: Grants.gov, Solicitation

University Partnerships Initiative Department of State (State)

Notice seeking proposals for collaborative projects between US and Senegalese or Bissau Guinean institutions of higher education with an emphasis on one or more of the following focus areas: Promote partnerships with U.S. higher education institutions; Establish Senegalese or Bissau Guinean student and faculty exchanges, including in-person and virtual exchange opportunities; Facilitate joint research, especially in agriculture, food security, and STEM; Provide training and transfer skills in all aspects of university education through subject matter exchange programs; and Explore public-private partnerships, with an emphasis on commercialization, technology transfer, and job creation. Projects must take place in Senegal or Guinea Bissau.

Applications are due July 26, 2021. An estimated five awards of up to \$150,000 are anticipated.

LINKS: Grants.gov, Solicitation

### **EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT**

BJA FY 21 Preventing School Violence: BJA's STOP School Violence Program Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to increase school safety using evidence-based solutions to prevent violence against schools, staff, and students and ensure a positive school climate. Applicants should also be mindful of the potential to cause or exacerbate trauma for some students, and should use a trauma-informed approach when implementing program activities to help mitigate this concern.

Applications are due August 2, 2021 for Grants.gov. Applications are due August 16, 2021 for JustGrants. Approximately \$74 million is available to support 150 awards.

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Development of Research-based Educational Outreach Materials Department of Veterans Affairs (VA)

Notice seeking proposals from universities in partnership with primary schools (K-12) located within 150 miles of a national cemetery to engage in a program of development of research-based educational outreach materials to create an experience of learning that builds community and commemoration of veterans' legacy, by sharing positive narratives, which may be used to teach, both about the unique individual qualities of the Veteran and about Veterans as a community.

Applications are due July 15, 2021. Multiple awards are anticipated.

#### LINKS: Grants.gov, Contract Opportunities

Great Lakes B-WET program FY22 National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking applications to provide funds to support experiential environmental education throughout the Great Lakes watershed in Illinois, Indiana, Ohio, Pennsylvania, Michigan, Minnesota, and Wisconsin.

Applications are due September 9, 2021. Approximately \$920,000 is available.

#### LINKS: Grants.gov

Community Policing Development (CPD) Accreditation Solicitation Office of Community Oriented Policing Services (COPS), Department of Justice (Justice)

Notice seeking proposals from one of the 14 states that currently do not have an established community policing accreditation agency to found and develop such a program. Please see the Addressing Gaps in State Accreditation subcategory of the solicitation for further information. Institutions of higher education are ineligible for other subcategories of this solicitation.

Applications are due July 21, 2021 for Grants.gov. Applications are due July 22, 2021 for JustGrants. Multiple awards of up to 100,000 are anticipated.

LINKS: Grants.gov, Solicitation

Community Policing Development (CPD) De-Escalation Training Solicitation Office of Community Oriented Policing Services (COPS), Department of Justice (Justice)

Notice seeking proposals to develop the capacity of law enforcement to implement community policing strategies by providing guidance on promising practices through the development and testing of innovative strategies; building knowledge about effective practices and outcomes; and supporting new, creative approaches to preventing crime and promoting safe communities.

Applications are due July 21, 2021 for Grants.gov. Applications are due July 22, 2021 for JustGrants. An estimated 48 awards are anticipated at various funding levels corresponding to the geographical scale of the training center.

LINKS: Grants.gov, Solicitation

Coordinated Evaluations of Child Care and Development Fund (CCDF) Policies and Initiatives Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Office of Planning, Research and Evaluation (OPRE) Notice seeking applications to develop rigorous, policy-relevant evaluations that will test whether state child care subsidy policies and practices related to setting and implementing subsidy payment rates and/or family co-payments increase low-income families' access to quality child care.

Applications are due July 20, 2021. Optional letters of intent are due June 25, 2021. Approximately \$2.25 million is available to support 15 awards.

LINKS: Grants.gov, Solicitation

Great Ape Conservation Fund - Africa Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications involving site- or place-based conservation actions to address threats to western chimpanzees (Pan troglodytes verus), eastern chimpanzees (P. t. schweinfurthii), and Cross River gorillas (Gorilla gorilla diehli).

Applications are due July 30, 2021. Approximately \$2.25 million is available to support six awards.

LINKS: Grants.gov

### **HEALTH and MENTAL HEALTH**

Advancing Novel Medical Isotopes for Clinical Trials Department of Energy (Energy)

Notice seeking proposals for research to facilitate, streamline, and accelerate the translation of novel radioisotopes and their associated chelating agents and linker/ligands, for both diagnosis and treatment, from the laboratory bench to evaluation for potential usage in clinical and pre-clinical trials.

Applications are due July 23, 2021. An estimated four to eight awards of up to \$500,000 are anticipated.

LINKS: Grants.gov, Solicitation

Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD), Administrative and Data Coordination Resource (U24 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking applications to address urgent and important unmet needs in the fetal alcohol spectrum disorders (FASD) field through an integrated and multidisciplinary research approach. These unmet needs include identifying FASD cases early and accurately, improving interventions to mitigate FASD outcomes; expanding basic and mechanistic understanding of alcohol teratogenesis aimed at accelerated translation, and reducing prenatal alcohol exposure and the incidence of FASD.

Applications are due August 16, 2021. Optional letters of intent are due July 15, 2021. Approximately \$4.6 million is available.

LINKS: Grants.gov (Administrative), Grants.gov (Data Coordination), Solicitation

Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD), Diagnostic-Telemedicine Resource (U24 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking applications to address urgent and important unmet needs in the fetal alcohol spectrum disorders (FASD) field through an integrated and multidisciplinary research approach. These unmet needs include identifying FASD cases early and accurately, improving interventions to mitigate FASD outcomes; expanding basic and mechanistic understanding of alcohol teratogenesis aimed at accelerated translation, and reducing prenatal alcohol exposure and the incidence of FASD.

Applications are due August 16, 2021. Optional letters of intent are due July 15, 2021. Approximately \$4.6 million is available.

LINKS: Grants.gov, Solicitation

Collaborative Initiative on Fetal Alcohol Spectrum Disorders (CIFASD), Research and Developmental Project (U01-UH2 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 applications to address urgent and important unmet needs in the fetal alcohol spectrum disorders (FASD) field through an integrated and multidisciplinary research approach. These unmet needs include identifying FASD cases early and accurately, improving interventions to mitigate FASD outcomes; expanding basic and mechanistic understanding of alcohol teratogenesis aimed at accelerated translation, and reducing prenatal alcohol exposure and the incidence of FASD.

Applications are due August 16, 2021. Optional letters of intent are due July 15, 2021. Approximately \$4.6 million is available.

LINKS: Grants.gov (U01), Grants.gov (UH2), Solicitation

Embryo Adoption Awareness and Services Department of Health and Human Services (HHS)

Notice seeking proposals for projects to increase public awareness of embryo adoption/donation as a method of family building and provide individuals adopting embryos the medical and administrative services deemed necessary for such adoptions.

Applications are due August 4, 2021. An estimated four awards of up to \$300,000 are anticipated.

LINKS: Grants.gov, Solicitation

The Early Detection Research Network: Biomarker Characterization Centers (U2C Clinical Trial Not Allowed)

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

Notice seeking proposals for Biomarker Characterization Centers to achieve the following objectives: discover, develop, characterize and test new biomarkers or refine existing biomarkers; develop, refine and/or standardize biomarker assays; provide resources and support for the validation of biomarkers developed by the EDRN; and participate in collaborative projects with other laboratories and centers.

Applications are due September 9, 2021. An estimated 18 awards are anticipated, with maximum funding of up to \$500,000 in the first year, rising to \$750,000 in subsequent years.

LINKS: Grants.gov, Solicitation

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

Notice seeking proposals to discover, develop and validate biomarkers and imaging methods to detect early stage cancers and to translate these into clinical tests.

Applications are due September 9, 2021. An estimated 12 awards of up to \$550,000 in the first year and rising to \$785,000 in subsequent years are anticipated.

LINKS: Grants.gov, Solicitation

Meeting of the Advisory Committee on Infant Mortality Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Committee on Infant Mortality. The purpose is to represent a public-private partnership at the highest level to provide guidance and focus attention on the policies and resources required to address the reduction of infant mortality and the improvement of the health status of pregnant women and infants.

The meeting will be held June 22, 2021, 12:00 p.m.-4:00 p.m. ET and June 23, 2021, 12:00 p.m.-4:00 p.m. ET via webinar.

LINKS: Federal Register

National Heart, Lung, and Blood Institute; Notice of Meeting National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Sleep Disorders Research Advisory Board to review the Sleep Research Plan for approval by the committee.

The meeting will be held virtually on June 24, 2021 from 12:00 to 2:00 p.m. ET.

LINKS: Federal Register, Agency Site

Characterization of Islet-derived Extracellular Vesicles for Improved Detection, Monitoring, Classification, and Treatment of Type 1 Diabetes (R01 Clinical Trial Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for the development of tools and experimental platforms for the purification and characterization of Extracellular Vesicles originating from the human pancreatic islet and its broader tissue environment in healthy individuals, and individuals with T1D or at-risk of developing the disease.

Applications are due November 3, 2021. An estimated four to six awards of up to \$500,000 per year are anticipated.

LINKS: Grants.gov, Solicitation

Cooperative Agreement to Support Navigators in Federally-facilitated Exchanges Centers for Medicare and Medicaid Services (CMS), Department of Health and Human Services (HHS)

Notice seeking applications to help consumers prepare applications to establish eligibility and enroll in coverage through the Exchanges, and help determine whether consumers potentially qualify for insurance affordability programs. They also provide outreach and education to raise awareness about the Exchanges.

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Applications are due July 6, 2021. Approximately \$80 million is available to support 80 to 120 awards per year.

#### LINKS: Grants.gov

Exploratory Studies to Investigate the Mechanisms of Interrelationship Between Sleep and Substance Use Disorders (R61-R33 Clinical Trials Not Allowed) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications that are developmental and exploratory in nature to expand our knowledge on the basic neurobiology of the interrelationship between sleep and substance use disorders (SUDs). These mechanistic studies will not only offer an insight into the fundamental processes that link substance use disorders to disorders of sleep regulation and vice-versa but may also have implications for managing the risk for the development of SUDs and identifying new targets for prevention and therapeutics.

Applications are due October 14, 2021. Optional letters of intent are due September 14, 2021. Approximately \$3.5 million is available to support two to five awards.

#### LINKS: Grants.gov, Solicitation

NIH Directors Transformative Research Awards (R01 Clinical Trial Optional) National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to supports individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original, and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. 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 1, 2021. Approximately \$8 million is available to support seven awards.

LINKS: Grants.gov, Solicitation

Board of Scientific Counselors, National Center for Injury Prevention and Control (BSC, NCIPC) Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Board of Scientific Counselors, National Center for Injury Prevention and Control. The purpose of the meeting is to make recommendations regarding policies, strategies, objectives, and priorities; and reviews progress toward injury prevention goals and provides evidence in injury prevention-related research and programs.

The meeting will be held on July 16, 2021, from 10:00 a.m. to 4:50 p.m., ET via Zoom virtual meeting.

#### LINKS: Federal Register

Office of the Secretary; Notice of Meeting National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Interagency Pain Research Coordinating Committee to cover committee business items including updates on NIH HEAL Initiative and Common Fund programs.

The meeting will be held virtually on July 6, 2021 from 1:30 to 4:30 p.m. ET.

LINKS: Federal Register, Agency Site

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### SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Building Community Resilience Through the Reduction and Prevention of Nonpoint Source Pollution Environmental Protection Agency (EPA)

Notice seeking proposals for innovative demonstration projects that reduce nonpoint source pollution and enhance community resilience using green infrastructure practices within the Gulf of Mexico watershed, and within the five Gulf states.

Applications are due August 6, 2021. Approximately \$2 million is available to fund four to six awards.

LINKS: Grants.gov, Solicitation

Computer and Information Science and Engineering (CISE) Research Initiation Initiative Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking proposals to award grants intended to support research independence among early-career academicians who specifically lack access to adequate organizational or other resources.

Proposals are due September 20, 2021 and Third Monday in September annually thereafter. Approximately \$10 million is available to support up to 60 awards.

LINKS: Grants.gov, Solicitation

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

Notice seeking proposals to nine CHE Disciplinary Chemistry Research Programs: Chemical Catalysis (CAT); Chemical Measurement and Imaging (CMI); Chemical Structure, Dynamics and Mechanisms-A (CSDM-A); Chemical Structure Dynamics and Mechanisms-B (CSDM-B); Chemical Synthesis (SYN); Chemical Theory, Models and Computational Methods (CTMC); Chemistry of Life Processes (CLP); Environmental Chemical Sciences (ECS); and Macromolecular, Supramolecular and Nanochemistry (MSN).

Proposals are due September 30, 2021 and September 30, annually thereafter. Approximately \$150 million is available to support 350 awards.

#### LINKS: Grants.gov, Solicitation

Improving Community Health through Microbial Source Tracking Environmental Protection Agency (EPA)

Notice seeking proposals for one of the following activities within the Gulf of Mexico watershed and within one of the five Gulf states: microbial source tracking studies in watersheds with documented high loads of unidentified fecal coliforms; innovative demonstration projects focused on reducing identified point source or nonpoint source fecal pollution in watersheds; or innovative demonstration projects and simultaneous microbial source tracking for proof of concept.

Applications are due August 6, 2021. Approximately \$1.5 million is available to fund three to five awards.

LINKS: Grants.gov, Agency Site

National Aeronautics and Space Administration (NASA), Space Technology Mission Directorate (STMD)

Notice seeking applications that focuses on early stage feasibility studies of visionary concepts that address national government and commercial aerospace goals. Concepts are solicited from any field of study that offers a radically different approach or disruptive innovation that may significantly enhance or enable new human or robotic science and exploration missions.

Required Step-A proposals are due July 21, 2021. Step-B proposals are due September 21, 2021. Approximately \$2.8 million is available to support 12 to 16 awards.

LINKS: Grants.gov, Solicitation

Predictive Intelligence for Pandemic Prevention Phase I: Development Grants National Science Foundation (NSF)

Notice seeking proposals that focuses on fundamental research and capabilities needed to tackle grand challenges in infectious disease pandemics through prediction and prevention.

Proposals are due October 1, 2021. Approximately \$25 million is available to support up to 30 awards.

LINKS: Grants.gov, Solicitation

STEM Career Development for High School Aged Youth Environmental Protection Agency (EPA)

Notice seeking proposals for innovative projects focused on advancing Gulf environmental related work readiness skills in high school aged youth. These work readiness projects may center around marine aquaculture or green infrastructure practices that improve water quality, restore habitat, enhance community resilience, and provide environmental education and outreach.

Applications are due August 6, 2021. Approximately \$1.5 million is available to fund up to five awards.

LINKS: Grants.gov, Agency Site

Stewardship Science Academic Alliances Department of Energy (Energy), National Nuclear Security Administration (NNSA)

Notice seeking applications to support state-of-the-art research at U.S. academic institutions in areas of fundamental physical science and technology of relevance to the SSP mission. The SSAA Program provides the research experience necessary to maintain a cadre of trained scientists and engineers at U.S. universities to meet the nation's current and future SSP needs, with a focus on those areas not supported by other federal agencies.

Applications are due July 30, 2021. Optional letters of intent are due July 16, 2021. Approximately \$8 million is available to support multiple awards.

LINKS: Grants.gov

Trash Free Waters – Preventing More, Picking Up Less Environmental Protection Agency (EPA)

Notice seeking proposals for innovative projects within the Gulf of Mexico watershed focused on utilizing partnership expertise in both governmental and nongovernmental organizations to prevent trash from reaching waterways. The project may include community-based trash removal components, but removal

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should not be the primary focus of the project. Further geographic restrictions are laid out in the funding opportunity notice.

Applications are due August 6, 2021. Approximately \$4 million is available to fun eight to sixteen projects.

LINKS: Grants.gov, Agency Site

C4ISR, Information Operations, Cyberspace Operations and Information Technology System Research, Cryogenics and Quantum

Department of Defense (Defense), Naval Information Warfare Center Pacific (NIWC Pacific)

Notice seeking proposals to investigate unique and innovative approaches for defining and developing next generation integratable C4ISR capabilities and command suites. The area topics reflect the interest of the NIWC Pacific, but interest from other Team NAVWAR components could be generated and selections could be made for funding by other than NIWC Pacific.

White papers and Proposals are due June 3, 2022. Multiple awards are anticipated.

LINKS: Grants.gov, Contract Opportunities

Computational and Data-Enabled Science and Engineering National Science Foundation (NSF)

Notice seeking proposals to identify and capitalize on opportunities for major scientific and engineering breakthroughs through new computational and data-analysis approaches and best practices.

Application due dates vary by division, but range from September 15 to November 15, 2021. Multiple awards are anticipated.

LINKS: Grants.gov, Solicitation

FY21 Naval Air Warfare Center Aircraft Division (NAWCAD) Office-Wide Broad Agency Announcement Navy (Navy), Department of Defense (Defense)

Notice seeking white papers for research and development projects which offer potential for advancement and improvement of naval air warfare in 17 or more categories. Please see the solicitation for a full description of the research categories.

White papers will be received until June 2, 2022. Multiple awards are anticipated.

LINKS: Grants.gov, Contract Opportunities