

## ARTS, HUMANITIES, and INTERNATIONAL

Countering Hostile State Influences  
Department of State (State), U.S. Mission to the United Kingdom

Notice seeking proposals to develop and implement a series of three exchange visits to the United States in calendar year (CY) 2021, followed by a series of post-visit program impact amplification workshops/activities in the UK, for three cohorts of UK stakeholders exploring various aspects of U.S. federal, state, local, and civil society responses and strategies to counter the growing influence of hostile state actors in the U.S. and around the world.

Applications are due August 25, 2020. Approximately \$250,000 is available. Cost sharing is encouraged.

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

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Strengthening Private Sector Engagement to Counter Synthetic Drug Trafficking  
Bureau of International Narcotics and Law Enforcement Affairs (INL), Department of State (State)

Notice seeking proposals to protect the health and safety of U.S. citizens by helping to secure private sector supply chains, digital platforms, and business practices from criminal exploitation, including by strengthening information sharing and fostering innovative approaches to detecting criminal activity globally, or in a specified region, in a manner that incorporates significant private sector participation.

Proposals are due August 27, 2020. Questions are due August 10, 2020. Approximately \$1.4 million is available.

LINKS: [Grants.gov](#)

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Annual Program Statement PAS US Consulate Juarez  
Department of State (State), U.S. Mission to Mexico

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and the people in the State of Chihuahua, Mexico through cultural and exchange programming that highlights shared values and promotes bilateral cooperation.

Proposals are due December 31, 2021. Approximately \$50,000 is available.

LINKS: [Grants.gov](#)

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## EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

FY21 Environmental Workforce Development and Job Training (EWDJT) Grants  
Environmental Protection Agency (EPA), Office of Brownfields and Land Revitalization (OBLR)

Notice seeking applications that recruit, train, and place local, unemployed and under- employed residents with the skills needed to secure full-time employment in the environmental field.

Applications are due September 22, 2020. Approximately \$3 million is available to support 15 awards.

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

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HUD's FY 2020 and FY 2021 Community Compass Technical Assistance and Capacity Building Program  
Notice of Funding Availability (NOFA)

Department of Housing and Urban Development (HUD)

Notice seeking applications to help HUD's customers navigate complex housing and community development challenges by equipping them with the knowledge, skills, tools, capacity, and systems to implement HUD programs and policies successfully and sustainably and provide effective administrative and managerial oversight of HUD funding.

Applications are due September 21, 2020. Approximately \$91 million is available for 23 awards.

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

## HEALTH and MENTAL HEALTH

A Solicitation of the National Institutes of Health (NIH) and The Centers for Disease Control and Prevention (CDC) for Small Business Innovation Research (SBIR) Contract Proposals  
Centers for Disease Control and Prevention (CDC), National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to conduct innovative research with the potential for commercialization that will contribute toward NIH or CDC mission needs and SBIR program objectives. See the solicitation for a wide range of specific topic areas.

Applications are due October 26, 2020. Number and amounts of awards vary by topic area. Eligibility is limited to small businesses but colleges and universities may partner.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Device-Based Treatments for Substance Use Disorders (UG3-UH3, Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA); National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Notice seeking applications to accelerate the development of devices to treat Substance Use Disorders (SUDs). The continuing advances in technologies offer unprecedented opportunities to develop neuromodulatory or neurophysiological devices that are safe and effective SUD treatments.

Optional letters of intent are due 30 days prior to the application due date. Applications are due December 15, 2020; August 10, 2021; December 14, 2021; August 10, 2022; December 14, 2022; and August 10, 2023. Program expires August 11, 2023.

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

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Ethical, Legal and Social Implications (ELSI) (Research R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notices seeking applications to study the ethical, legal and social implications of human genome research. Applications may propose studies using either single or mixed methods. Proposed approaches may include but are not limited to data-generating qualitative and quantitative approaches, legal, economic and normative analyses, and other types of analytical and conceptual research methodologies, such as those involving the direct engagement of stakeholders.

New R01 or R03 applications are due October 19, 2020; February 17, 2021; June 17, 2021; October 19, 2021; February 17, 2022; June 17, 2022; October 19, 2022; February 17, 2023; and June 19, 2023. The expiration date is July 20, 2023.

LINKS: [Grants.gov \(R03\)](#), [Grants.gov \(R01\)](#), [Solicitation](#)

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Fertility Status as a Marker for Overall Health (R01, R21)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice supporting exploratory/developmental research that explores the premise that fertility status can be a marker for overall health. Chronic conditions such as cancer, diabetes, and obesity can impair fertility; however, less is known about the extent to which fertility status can impact or act as a marker for overall health. Data suggest that infertility is not necessarily a unique disease of the reproductive axis but is often physiologically or genetically linked with other diseases and conditions.

Optional letters of intent are due 30 days prior to the application due date. Applications are due October 19, 2020; June 19, 2021; February 19, 2022; October 19, 2022; and June 19, 2023.

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

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Integrative Research to Understand the Impact of Sex Differences on the Molecular Determinants of AD Risk and Responsiveness to Treatment (R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications that apply a cross-disciplinary and team science approach to gain comprehensive mechanistic understanding of the impact of sex differences on the trajectories of brain aging, phenotypes, and risk of Alzheimer's Disease (AD) and AD-related dementia (ADRD), and on precision medicine for treatment and prevention of AD/ADRD, including the responsiveness to pharmacologic and non-pharmacologic interventions.

Optional letters of intent are due October 10, 2020. Applications are due November 10, 2020. Approximately \$5.5 million is available to support two to five awards.

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

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NCI Outstanding Investigator Award (R35 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice inviting grant applications to provide long-term support to accomplished investigators with outstanding records of cancer research productivity who propose to conduct exceptional research. The OIA is intended to allow investigators the opportunity to take greater risks, be more adventurous in their lines of inquiry, or take the time to develop new techniques. The OIA would allow an Institution to submit applications nominating established Program Directors/Principal Investigators (PDs/PIs) for the NCI OIA.

Optional letters of intent are due 30 days prior to application due date. Applications are due November 6, 2020.

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

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## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

BAA-2020-DOS-AVC-003  
Department of State (State), Bureau of Arms Control, Verification and Compliance (AVC)

Notice seeking proposals focusing on science and technology and other activities that would accelerate and improve the Comprehensive Test Ban Treaty Organization Preparatory Commission's International Monitoring System and International Data Center capabilities. There are eight topic areas: Topic 1. Waveform Cross Correlation study in broader regions; Topic 2. RSTT workshops for further improved seismic location at IDC and NDCs; Topic 3. East Asia Regional NDC Workshop (EARNW); Topic 4. High

frequency calibration of seismic sensors; Topic 5. Seismometer calibration and rescue of legacy seismic data; Topic 6. Test site metadata construction and other confidence building measures (CBMs); Topic 7. Seismic field experiment(s); and Topic 8. Legacy seismic data rescue for nuclear explosion monitoring research.

Proposals are due August 27, 2020. Multiple awards generally between \$50,000 and \$400,000 each are available (with the potential for significantly higher awards if justified).

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Multi-Source Exploitation Assistant for the Digital Enterprise (MEADE)  
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking white paper research proposals under a new topic area in the MEADE BAA: Multi-source Analytics for Conversational Intelligence (MACI). The MACI objective is to understand new, previously unseen language from users using an evolving framework that enables users to fluidly interact with multiple structured and unstructured data sources, analytics, APIs, and services. The intent is to mature past pre-trained dialogue state sequences into fully dynamic, multi-domain task-oriented dialogue systems.

White paper applications are due September 1, 2020. Selected applicants will be invited to submit full proposals. Multiple awards ranging from \$1 million to \$1.5 million are available to support projects lasting up to 36 months.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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Reducing Public Exposure to Indoor Pollutants  
Environmental Protection Agency (EPA)

Notice seeking applications to fund projects that advance national policy or systems-level change to reduce indoor air risks and yield measurable environmental and public health outcomes. Applications must address one or more of the following EPA Indoor air Program priority areas: Radon; Indoor Environmental Asthma Triggers; and/or Comprehensive Indoor Air Risk Reduction. Applications may include research components as a foundation for demonstration, technical assistance, training, education, and/or outreach projects.

Optional notices of intent are due August 3, 2020. Applications are due September 15, 2020. Approximately five awards ranging from \$75,000 to \$200,000 per year are anticipated to support projects lasting up to three years.

Limited Submission: Organizations may not submit multiple applications addressing the same program priority area.

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

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Proposers Day Meeting for the Robust Energy Sources for Intelligence Logistics in Extreme Novel and Challenging Environments (RESILIENCE) Research Program  
Intelligence Advanced Research Projects Activity (IARPA), Director of National Intelligence (DNI)

Notice announcing a proposers' day to introduce potential proposers to the RESILIENCE program, which seeks to develop reliable sources of power to meet intelligence community needs for high energy density, high power density, long calendar life, quiet operation, and robustness to extreme environmental conditions.

The proposers' day will be held August 5, 2020, from 1:00 pm to 5:00 pm, ET, online. Submit required pre-registration by August 3, 2020 at <https://www.client-meeting.net/resilience-conference> to attend.

LINKS: [Contract Opportunities](#), [Agency Site](#)

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2020 HERO Appendix A: NASA Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions  
National Aeronautics and Space Administration (NASA), Johnson Space Center (JSC)

Notice seeking applications for taking a more integrative approach to address the risk posed by isolation and confinement that reduces sensory stimulation.

Required Step-1 proposals are due September 1, 2020. Step-2 proposals are due December 1, 2020. One to two awards are anticipated.

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

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2020 HERO Appendix B: NASA Human Research Program Omnibus Opportunity  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for short-term investigations or technology development projects that provide innovative approaches to any of the risks and associated knowledge gaps contained in the Human Research Program (HRP) Integrated Research Plan (IRP).

Required Step-1 proposals are due September 1, 2020. Step-2 proposals are due December 1, 2020. Approximately \$150,000 per award is available.

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

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2020 Human Exploration Research Opportunities (HERO)  
National Aeronautics and Space Administration (NASA), Johnson Space Center (JSC)

Notice seeking proposals to solicit applied research in support of NASA's Human Research Program (HRP). The research will fall into one or more categories corresponding to HRP's five Elements: Space Radiation, Human Health Countermeasures, Exploration Medical Capability, Human Factors and Behavioral Performance, and Research Operations and Integration.

Proposal due dates will be staggered throughout the HERO open period of July 31, 2020 to July 31, 2021.

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

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Commercial Domestic Production of Moly-99 without the Use of Highly Enriched Uranium  
Department of Energy (Energy), National Nuclear Security Administration (NNSA)

Notice seeking applications to achieve commercial-scale production of the medical isotope, molybdenum-99, hereafter referred to as Mo-99, without the use of highly enriched uranium (HEU) in the United States.

Applications are due September 30, 2020.

LINKS: [Grants.gov](#)

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Cyberinfrastructure for Sustained Scientific Innovation (CSSI)  
National Science Foundation (NSF)

Notice seeking proposals to enable funding opportunities that are flexible and responsive to the evolving and emerging needs in cyberinfrastructure (CI). This program continues the CSSI program by removing the distinction between software and data elements/framework implementations, and instead emphasizing

integrated CI services, quantitative metrics with targets for delivery and usage of these services, and community creation.

Proposals are due October 28, 2020. Approximately \$33 million is available to support 35 awards.

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

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National Geospatial-Intelligence Agency Boosting Innovative GEOINT Research Broad Agency Announcement (NGA BIG-R BAA)  
Department of Defense (Defense), National Geospatial-Intelligence Agency (NGA)

Notice seeking innovative ideas for path-breaking research that may advance the GEOINT mission. GEOINT is the exploitation and analysis of imagery and geospatial information to describe, assess, and visually depict physical features and geographically referenced activities on the Earth. GEOINT consists of imagery, imagery intelligence, and geospatial information.

Applications can be submitted any time through July 31, 2023. Multiple awards expected.

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