

ARTS, HUMANITIES, and INTERNATIONAL

English Access Microscholarship Program
Department of State (State), U.S. Mission to Kenya

Notice seeking applications to equip bright, talented, economically deserving students to learn English, develop civic engagement and leadership skills and gain multicultural awareness through teaching the basis of American culture and values. Program proposals should include using U.S. exchange program alumni, and the target region is Kwale County.

Applications are due October 23, 2019. Approximately \$130,000 is available to support one project lasting up to two years. Cost sharing is highly recommended.

Limited Submission: One application per institution or organization

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

U.S. Agency for International Development Bureau for Democracy, Conflict, and Humanitarian Assistance
Office of Food for Peace Annual Program Statement for Multi-Year International Emergency Food Assistance
United States Agency for International Development (USAID)

Notice seeking expressions of interest from organizations or groups of organizations to reduce hunger and malnutrition and ensure that adequate, safe and nutritious food is available to, accessible to, and well-utilized by all individuals at all times to support a healthy and productive life. Through its emergency awards, FFP provides food assistance to save lives, reduce suffering, and support the early recovery of populations affected by both acute and protracted emergencies.

Expressions of interest are due October 25, 2019. Questions are due October 4, 2019.

LINKS: [Grants.gov](https://www.grants.gov), [FBO](https://www.fbo.gov), [Agency Site](https://www.usaid.gov)

Notice of Public Meeting of the U.S. President's Emergency Plan for AIDS Relief (PEPFAR) Scientific Advisory Board
Department of State (State)

Notice announcing a meeting scheduled to discuss scientific, implementation, and policy issues related to the U.S. response to HIV/AIDS globally.

The meeting will be held October 16, 2019, from 8:30 a.m. to 5:30 p.m., ET at the offices of the U.S. Global AIDS Coordinator and Health Diplomacy at 1800 G St. NW, Suite 10-300, Washington, DC. Register to attend at <https://forms.gle/vrD4HgcbLQ7aiq4p6> by September 30, 2019.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Hispanic-Serving Institutions - Education Grants Program
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to promote and strengthen the ability of HSIs to carry out higher education programs that attract, retain, and graduate outstanding students capable of enhancing the nation's food, agriculture, natural resources, and human sciences professional and scientific work force.

Applications are due January 28, 2020 and January 26, 2021. Approximately \$8.8 million is available. Hispanic-Serving Institutions (HSIs) are the only eligible applicants.

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

STATEMAP - The State Component of the National Cooperative Geologic Mapping Program
Department of State (State)

Notice seeking applications to establish the geologic framework of areas determined to be vital to the economic, social, or scientific welfare of individual States by developing mapping priorities in consultation with a multi-representational State Mapping Advisory Committee.

Applications are due November 25, 2019. Approximately \$5.6 million is available for up to 45 awards to support projects. Since many State Geological Surveys are organized under a State university system, such universities may submit a proposal on behalf of the State Geological Survey. State Geological Surveys must have a State Mapping Advisory Committee (or equivalent) meeting annually to qualify for funding.

Limited Submission: Only one proposal will be accepted from each State each fiscal year.

LINKS: [Grants.gov](#)

FDIC Advisory Committee on Community Banking; Notice of Meeting
Federal Deposit Insurance Corporation (FDIC)

Notice announcing a meeting of the Federal Deposit Insurance Corporation (FDIC) to discuss current issues affecting community banking.

The meeting will be held October 10, 2019 from 9:00 a.m. to 3:00 p.m. at the FDIC Board Room on the sixth floor of the FDIC Building located at 550 17th Street NW, Washington, DC.

LINKS: [Federal Register](#)

National Environmental Education Advisory Council
Environmental Protection Agency (EPA)

Notice seeking applications for environmental education professionals for consideration to serve on the National Environmental Education Advisory Council. There are two open positions: one State Department of Education and/or Natural Resources position and one Business and Industry position.

Applications are due October 11, 2019.

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

HEALTH and MENTAL HEALTH

NIH Blueprint for Neuroscience Research Education Program on Translational Devices (R25 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to develop and implement a short course focused on (1) steps required for successful neural medical device development and translation, (2) common technical and strategic challenges, and (3) best-practices and resources for each stage in the process. Applicants may choose to include a plan for extended engagement opportunities for participants to continue to interact with and obtain guidance from faculty members after the conclusion of the course.

Optional letters of intent are due November 16, 2019. Applications are due December 16, 2019. Approximately \$250,000 is available to support one award.

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

Consortium on the Neurobiology of Adolescent Drinking in Adulthood (NADIA) Administrative Resource (Collaborative 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 provide administrative and scientific (core) support to the research projects (U01) as part of the Consortium on the Neurobiology of Adolescent Drinking in Adulthood (NADIA).

Requested letters of intent are due November 18, 2019. Applications are due December 18, 2019. Approximately \$4.2 million is available to support eight awards.

LINKS: [Grants.gov \(RFA-AA-20-004\)](#), [Grants.gov \(RFA-AA-20-005\)](#), [Solicitation](#)

Consortium on the Neurobiology of Adolescent Drinking in Adulthood (NADIA) Research Projects (Collaborative U01 - 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 support collaborative research projects (U01) focusing on research efforts across different research institutions investigating the consequences of repeated adolescent alcohol exposure on brain maturation and adult abilities. Since NIAAA is interested in supporting experimental studies on the effects of controlled alcohol doses and exposure periods, this initiative is limited to animal studies only.

Optional letters of intent are due November 18, 2019. Applications are due December 18, 2019. Approximately \$4.2 million is available to support eight awards.

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

Limited Competition: Specialized Centers of Excellence on Environmental Health Disparities Research (P50)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for specialized center grants to support multidisciplinary research, research capacity building, and community-engaged research activities focused on understanding and reducing or eliminating environmental health disparities, defined as inequities in population health mediated by disproportionate adverse exposures associated with the physical, chemical, social and built environments.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 22, 2019.

Limited Submission: Only one application per institution

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

Single Cell Opioid Responses in the Context of HIV (SCORCH) Program: Data Coordination, Analysis, and Scientific Outreach (UM1 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to establish a Data Center to coordinate and analyze single cell and other molecular data sets generated by Single Cell Opioid Responses in the Context of HIV and other NIDA-funded HIV and substance use disorder projects and to make the data findable, accessible, interoperable, and reusable to enable secondary analyses by the scientific community.

Optional letters of intent are due December 15, 2019. Applications are due January 15, 2020. Approximately \$1.4 million is available to support one project lasting up to five years.

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

Tobacco Regulatory Science (R01 Clinical Trial Optional)
Food and Drug Administration (FDA), National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support biomedical and behavioral research that will provide scientific data to inform regulation of tobacco products to protect public health. Research Projects must address the research priorities related to the regulatory authority of the FDA and the Center for Tobacco Products.

Optional letters of intent are due 60 days before the application deadline. Applications are due February 13, 2020; July 17, 2020; and February 13, 2021. Approximately 8 awards of up to \$300,000 per year are available to support projects lasting up to three years.

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

National Research Advisory Council, Notice of Meeting
Department of Veterans Affairs (VA)

Notice announcing a meeting scheduled to include the following agenda: a briefing from Department of Defense/Veterans Affairs collaboration; briefings on various VA Research programs designed to enhance the research potential for Veterans; outreach opportunities for high school students to gain research experience; and potential recommendations to be included in the next annual report.

The meeting will be held December 4, 2019 at 1100 1st Street NE, Room 104, Washington, DC from 9:00 a.m. to 3:30 p.m. Register to attend through the agency contact.

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

Modernizing Influenza Vaccines in the United States to Promote National Security and Public Health
Centers for Disease Control and Prevention (CDC), Centers for Medicare and Medicaid Services (CMS), Food and Drug Administration (FDA), Department of Defense (Defense), National Institutes of Health (NIH), Department of Health and Human Services (HHS), Department of Homeland Security (Homeland Security), Department of Justice (Justice), Office of Science and Technology Policy (OSTP), United States Department of Agriculture (USDA)

Notice announcing an executive order to modernize the domestic influenza vaccine enterprise to be highly responsive, flexible, scalable, and more effective at preventing the spread of influenza viruses. To help guide and achieve this goal, the order also establishes the National Influenza Vaccine Task Force, which will include senior officials drawn from 10 federal agencies. The task force will submit a report to the President within 120 days of this announcement.

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

Request for Information (RFI) From Non-Federal Stakeholders: Developing the 2020 National Vaccine Plan
Department of Health and Human Services (HHS), Office of Infectious Disease and HIV/AIDS Policy (OIDP)

Notice seeking comments to inform the development of priorities, goals, and objectives in the National Vaccine Plan 2020, including remaining gaps, and stakeholder perspectives for the 2020-2025 timeframe.

Send responses to the contact by October 24, 2019.

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

Solicitation of Nominations for Appointment to the Geriatrics and Gerontology Advisory Committee
Department of Veterans Affairs (VA), Office of Geriatrics and Extended Care

Notice seeking nominations of qualified candidates to be considered for appointment as a member of the Geriatrics and Gerontology Advisory Committee, which advises the VA Secretary and the Under Secretary for Health on all matters pertaining to geriatrics and gerontology.

Nominations are due October 31, 2019.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Defense Production Act Title III Expansion of Domestic Production Capability and Capacity; Call 002
Lithium Seawater Batteries project
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking proposals to establish domestic, economically viable, cost effective production capabilities for the manufacturing of lithium seawater batteries for sonobuoys and other applications.

Proposals are due November 7, 2019. Approximately \$20 million is available. Cost share of 1:1 is required.

LINKS: [Grants.gov](#)

Interfacial Engineering
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking proposals to support fundamental research on atomic- and molecular-scale interfacial phenomena and engineering of interfacial properties, processes, and materials. Fundamental understanding of the thermodynamic, kinetic, and transport properties of interfacial systems underpins improvements in chemical process efficiency and resource utilization.

Proposals are accepted anytime.

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

Nanoscale Interactions
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking proposals to support research to advance fundamental and quantitative understanding of the interactions of nanomaterials and nanosystems with biological and environmental media.

Proposals are accepted anytime.

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

Transdisciplinary Research in Principles of Data Science Phase II

Directorate for Computer & Information Science & Engineering (CISE), Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to bring together the statistics, mathematics, and theoretical computer science communities to develop the theoretical foundations of data science through integrated research and training activities.

Required letters of intent are due November 20, 2019. Proposals are due February 18, 2020.

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

Nuclear Science Advisory Committee
Department of Energy (Energy), National Science Foundation (NSF)

Notice announcing a meeting of the DOE/NSF Nuclear Science Advisory Committee.

The meeting will be held October 18, 2019 from 9:00 a.m. to 4:30 p.m. at Doubletree/Washington DC/Crystal City, 300 Army Navy Drive, Washington Ballroom, Arlington, Virginia, 703-416-4100.

LINKS: [Federal Register](#)

Assured Micropatching (AMP)
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Information Innovation Office (I2O)

Notice seeking proposals to create the capability for rapid patching of legacy binaries in mission critical systems, including the cases where the original source code version and/or build process is not available.

Abstracts are due October 8, 2019. Proposals are due November 20, 2019. Approximately \$50 million is available to support multiple awards.

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

BAA Research Initiatives in Support of Rail Safety -Research with Universities
U.S. Department of Transportation (DOT), Federal Railroad Administration (FRA)

Notice seeking applications to conduct a variety of applied technology research projects that will support the strategic objectives of the Office of Research, Development and Technology and the research needs of the four FRA research divisions: Track; Rolling Stock; Train Control and Communication; and Human Factors.

Required concept paper are due November 26, 2019. Approximately \$2 million is available.

LINKS: [FBO](#)

BLM National Interagency Fire Center (NIFC) Joint Fire Science Program (JFSP) Primary Announcement (One Task Statement)
Bureau of Land Management (BLM), Department of the Interior (Interior)

Notice seeking applications to address problems associated with managing wildland fuels, fires, and fire-impacted ecosystems.

Applications are due December 5, 2019. Approximately \$3 million is available for up to 10 awards to support projects lasting up to the three years. Partnership agencies include the U.S. Department of Agriculture, Forest Service and five bureaus within the U.S. Department of the Interior.

LINKS: [Grants.gov](#)

Ethical and Responsible Research
National Science Foundation (NSF)

Notice seeking proposals that identify (1) factors that are effective in the formation of ethical STEM researchers and (2) approaches to developing those factors in all STEM fields that NSF supports.

Proposals are due February 24, 2020. Approximately \$3.55 million is available to support six to eight awards.

Limited Submission: One proposal per organization

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

Formal Methods in the Field (FMiitF)
Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking applications to design and implement correct-by-construction systems and applications with provable guarantees in close collaboration between two groups of researchers. The FMiitF Program runs on two tracks: Research proposals and Transition to Practice proposals.

Proposals are due January 22, 2020. Approximately \$10 million is available.

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

Gulf of Mexico Program Reduction and Prevention of Trash in the Five Coastal States (Texas, Louisiana, Mississippi, Alabama, and Florida) of the Gulf of Mexico Watershed
Environmental Protection Agency (EPA)

Notice seeking applications to improve water quality, habitat, community resilience and environmental education through working with businesses, communities, and state and local governments to develop innovative projects that will encourage and facilitate the removal and reduction of trash that finds its way into waterways and ultimately our oceans. All projects must take place in one or more of the five gulf states (Texas, Louisiana, Mississippi, Alabama, Florida) and must be in the Gulf of Mexico watershed.

Applications are due November 22, 2019. Approximately \$5 million is available for 10 or more awards of up to \$500,000 each.

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

Higher Education Challenge (HEC) Grants Program
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to 1) enhance the quality of instruction for baccalaureate degrees, master's degrees, and first professional degrees in veterinary sciences, in order to help meet current and future workforce needs in the food, agricultural, natural resources, and human (FANH) sciences; and 2) increase the number and diversity of students who will pursue and complete a postsecondary degree in the FANH science.

Applications are due March 23, 2020 in FY 20 and March 24, 2021 in FY 21. Approximately \$4.5 million is available for awards ranging from \$30,000 to \$750,000 depending on project type.

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

Human Networks and Data Science - Infrastructure

Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals to support research and infrastructure that uses data science to advance understanding of a full range of human networks. HNDS research will identify ways in which dynamic, distributed, and heterogeneous data can provide novel answers to fundamental questions about individual and group behavior.

Proposals are due February 24, 2020. Approximately \$4.5 million is available to support three to four awards.

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

Innovative Forgings Technologies

Department of Defense (Defense), Defense Logistics Agency (DLA)

Notice seeking white paper proposals to develop and apply innovative methods of designing and manufacturing weapons systems spare parts and components through the use of advanced forging technologies. There are four areas of interest: Improved Forging Manufacture; Improved Forging Tooling; Predictive Performance; and Alternative or Improved Materials.

Step I white paper proposals are due December 23, 2019. Selected applicants will be invited to submit Step II technical proposals and, potentially, Step III cost proposals. Multiple awards are anticipated.

LINKS: [FBO](#)

IUSE-Professional Formation of Engineers: Revolutionizing Engineering Departments

Directorate for Computer & Information Science & Engineering (CISE), Directorate for Education & Human Resources (EHR), Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking applications for the Revolutionizing Engineering Departments (RED) Program which catalyzes revolutionary approaches, while expanding the reach of those that have proved efficacious in previous research experiences using two tracks: RED Innovation and RED Adaptation and Implementation (RED-A&I). RED Innovation projects will develop new, revolutionary approaches and change strategies that enable the transformation of undergraduate engineering education. RED Adaptation and Implementation projects will adapt and implement evidence-based organizational change strategies and actions to the local context, which helps propagate this transformation of undergraduate engineering education.

Full proposals are due February 7, 2020. Up to \$8 million is available for four to six awards.

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

Law & Science

Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals that address social scientific studies of law and law-like systems of rules, as well as studies of how science and technology are applied in legal contexts. The Program is inherently interdisciplinary and multi-methodological.

Proposals are due January 15, 2020 and August 3, 2020. Approximately \$5.5 million is available to support 60 awards.

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

Linguistics: Dynamic Language Infrastructure-Doctoral Dissertation Research Improvement Grants
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals to support doctoral research focusing on building dynamic language infrastructure (DLI). Developing language infrastructure includes the documentation and preservations of languages in ways that articulate or advance linguistic theory, as well as the use of digitization techniques and novel computational methods that support and advance the study of language.

Proposals are accepted anytime. Up to \$250,000 is available to support 10 to 15 awards.

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

Mid-Scale Innovations Program in Astronomical Sciences
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to support a variety of astronomical activities within a cost range up to \$30M. This program is formally divided into four subcategories: 1) limited term, self-contained science projects; 2) longer term mid-scale facilities; 3) development investments for future mid-scale and large-scale projects; and 4) community open access capabilities.

Required preliminary proposals are due December 19, 2019. Proposals are due May 6, 2020. Up to \$30 million is available to support one to five awards.

Limited Submission: Three proposals per organization

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

NSF Dynamic Language Infrastructure - NEH Documenting Endangered Languages
National Science Foundation (NSF)

Notice seeking proposals to support projects to develop and advance knowledge concerning dynamic language infrastructure in the context of endangered human languages—languages that are both understudied and at risk of falling out of use.

Proposals are due September 15, 2020. Approximately \$4.8 million is available to support 20 to 30 awards.

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

Performance-Based Energy Resource Feedback, Optimization, and Risk Management (PERFORM)
Department of Energy (Energy), Advanced Research Projects Agency-Energy (ARPA-E)

Notice seeking concept papers for methods to quantify and manage risk at the asset level and at the system level. At the asset level, ARPA-E envisions the design of a risk score or measure that clearly communicates the physical delivery risk of an asset's offer, similar to the role a credit score plays in determining the creditworthiness of an individual. At the system level, ARPA-E envisions the design of grid management systems that endogenously capture uncertainty and evaluate and hedge the system risk position to meet or exceed a baseline system risk index. The anticipated outcome of PERFORM is a transformative and disruptive risk-driven grid management paradigm that optimally utilizes all assets (including emerging technologies) to reduce costs and improve reliability.

Required concept papers are due October 28, 2019. Approximately \$30 million is available for multiple awards.

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

Science and Technology Studies

Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals to support research that uses historical, philosophical, and social scientific methods to investigate the intellectual, material, and social facets of the scientific, technological, engineering and mathematical (STEM) disciplines. It encompasses a broad spectrum of topics including interdisciplinary studies of ethics, equity, governance, and policy issues that are closely related to STEM disciplines.

Proposals are due February 3, 2020 and August 3, 2020. Approximately \$6.2 million is available to support 40 awards.

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

Science of Science - Doctoral Dissertation Research Improvement Grants

Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals designed to improve the quality of dissertation research. DDRIG awards provide funds for items not normally available through the student's university such as enabling doctoral students to undertake significant data-gathering projects and to conduct field research in settings away from their campus.

Proposals are due February 10, 2020 and September 9, 2020. Approximately \$100,000 is available to support three to five awards.

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

Science of Science: Discovery, Communication, and Impact

Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals designed to increase the public value of scientific activity. The program pursues this goal by supporting basic research in three fundamental areas: How to increase the rate of socially beneficial discovery; How to improve science communication outcomes; and How to expand the societal benefits of scientific activity.

Proposals are due February 10, 2020 and September 9, 2020.

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

The Science of Learning and Augmented Intelligence Program

Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking applications to support potentially transformative research that develops basic theoretical insights and fundamental knowledge about principles, processes and mechanisms of learning, and about augmented intelligence - how human cognitive function can be augmented through interactions with others, contextual variations, and technological advances.

Proposals are due January 15, 2020, then the third Wednesday in January annually, and July 8, 2020, then the second Wednesday in July annually.

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

Research, Engineering, and Development Advisory Committee (REDAC); Notice of Public Meeting
U.S. Department of Transportation (DOT), Federal Aviation Administration (FAA)

Notice announcing a meeting scheduled to discuss FAA research and development landscapes and the emergence of new entrant vehicles and operations into the National Airspace System.

The meeting will be held October 10, 2019 from 9:00 a.m. to 4:00 p.m., ET, at FAA Headquarters, 800 Independence Avenue SW, Washington, DC.

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

StreamlinedML Developers Day
Department of Defense (Defense)

Notice inviting members of the DoD ML community who are machine learning developers, practitioners, and researchers to attend a developer workshop for the Streamlined Machine Learning (StreamlinedML) framework and ecosystem. The purpose of this event is to introduce government developers, industry partners, and ML practitioners to StreamlinedML machine learning framework and ecosystem. This two-day workshop will include an introduction and hands on development and deployment of ML models to the StreamlinedML ecosystem using the Model Integration Software Toolkit (MISTK). A laptop computer with installation privileges is a requirement for all participants. Required materials, including a prepared virtual machine image, will be distributed ahead of the workshop.

The event will occur October 30-31, 2019 at BRICC, 4100 North Fairfax Drive, Suite 450, Arlington, VA.

LINKS: [FBO](#), [Agency Site](#)

Request for Information (RFI) on Water Security Grand Challenge Resource Recovery Prize
Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking information and feedback on the design of a potential prize competition with a goal of increasing resource recovery from municipal wastewater treatment plants across the United States, and in so doing, lower the ultimate cost of treatment by extracting additional value from the wastewater (i.e., improve energy efficiency).

Responses are due October 23, 2019. Interested parties are to submit comments electronically to WaterResourceRecoveryPrize@ee.doe.gov. Include Water Security Grand Challenge Resource Recovery Prize in the subject of the title.

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

Request for Information (RFI), Sources Sought - University and Academic Hypersonics Expertise
Navy (Navy), Department of Defense (Defense)

Notice seeking academia inputs to establish multi-institution task order contracts or a university consortia to facilitate expedited access to university technical expertise, including faculty, staff, students, and university research infrastructure in support of the Department of Defense technology areas and missions related to hypersonic capabilities. Unlike other Department of Defense basic research activities, the objective is to obtain interdisciplinary academic expertise relevant for applied research in a field or fields relevant for hypersonic capabilities.

Responses are due October 25, 2019.

LINKS: [FBO](#)