

ARTS, HUMANITIES, and INTERNATIONAL

DRL Fundamental Freedoms Fund

Department of State (State), Bureau of Democracy Human Rights and Labor (DRL)

Notice seeking proposals to respond to evolving opportunities and threats to the protection and advancement of the fundamental freedoms of association, assembly, expression, and religion.

Proposals are due April 23, 2020. Approximately \$5.02 million is available to support one award for up to 36 months.

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

Expanding Efforts and Strategies to Protect and Improve Public Health in Vietnam

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to support projects in Vietnam designed to improve prevention of avoidable epidemics including naturally occurring outbreaks and intentional or accidental releases of dangerous pathogens and to improve ability to rapidly detect threats early, including detecting, characterizing, and reporting emerging biological threats.

Applications are due May 11, 2020. Approximately \$400 million is available to support five awards of up to \$16 million per year to support projects lasting up to five years.

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

FY 2020 Notice of Funding Opportunity for Innovation in Child Protection

Department of State (State), Bureau of Population Refugees and Migration (PRM)

Notice seeking proposals that advance global knowledge and response for early childhood development to build the resilience of refugee children on the move. PRM will prioritize submissions that contribute to a broader evidence-base and build upon current standards to document good approaches or practice for the wider humanitarian community.

Proposals are due May 4, 2020. Approximately \$1.5 million is available to support two awards for one year.

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

FY 2020 Professional Fellows Program

Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking proposals to bring leaders, ages 25-40, to the United States from countries in Africa, East Asia and the Pacific, Europe and Eurasia, the Middle East and North Africa, South and Central Asia, and the Western Hemisphere. The Professional Fellows Program is a two-way global exchange program designed to promote mutual understanding, enhance leadership and professional skills, and build lasting and sustainable partnerships between emerging leaders from foreign countries and the United States.

Applications are due May 8, 2020. Approximately \$5 million is available for up to seven awards.

Limited Submission: Applicants may submit proposals for both the GFS award and one regional award under this Notice of Funding Opportunity. Applicants may not submit proposals for more than one regional award under this Notice of Funding Opportunity.

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

Infrastructure and Capacity Building Challenge Grants
National Endowment for the Humanities (NEH), Office of Challenge Programs

Notice seeking applications for challenge grants to support two distinct types of projects: Capital Projects, which support the design, purchase, construction, restoration, or renovation of facilities for humanities activities; and Digital Infrastructure, which supports the maintenance, modernization, and sustainability of existing digital scholarly projects and platforms.

Applications are due May 15, 2020. Optional draft proposals are due April 3, 2020. Approximately 30 awards of up to \$750,000 are available. A 1:1 match is required for HBCUs, TCUs, HSIs, and two-year institutions. A 3:1 match is required for other colleges and universities for federal awards of up to \$500,000; awards above that require a 4:1 match. Ten percent of total project costs can be used for fundraising.

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

U.S. Consulate-General Johannesburg PAS Annual Program Statement
Department of State (State), U.S. Mission to South Africa

Notice seeking proposals for programs that strengthen cultural ties between the U.S. and South Africa through cultural and exchange programming that highlights shared values and promotes bilateral cooperation. All programs must include an American cultural element, or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives.

Proposals are due August 5, 2020. Approximately \$120,000 is available to support 20 awards for up to 18 months.

LINKS: [Grants.gov](#)

U.S. Embassy LIMA PAS Annual Program Statement
Department of State (State), U.S. Mission to Peru

Notice seeking proposals or projects that strengthen people-to-people ties between the United States and Peru through cultural and exchange programming that highlights shared values and promotes bilateral cooperation. All programs must include a U.S. cultural element, or connection with U.S. expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives.

Applications are due September 30, 2020. Approximately \$400,000 is available to support 15 awards for up to 24 months.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Emmett Till Cold Case Investigations Program FY 2020 Competitive Grant Solicitation
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to investigate and prosecute unsolved homicide cold case murders suspected of having been racially motivated, including support for victims' families and stakeholders impacted by these cases in partnership with (lead) state, local and tribal law enforcement and prosecution agencies.

Applications are due May 4, 2020. Approximately \$1.8 million is available for six awards to support projects lasting up to three years.

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

Acer Access and Development Program
United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice seeking applications to promote the domestic maple syrup industry through activities associated with: promotion of research and education related to maple syrup production; promotion of natural resource sustainability in the maple syrup industry; market promotion for maple syrup and maple-sap products; encouragement of owners and operators of privately held land containing species of trees in the genus Acer—to initiate or expand maple-sugaring activities on the land; or to voluntarily make the land available, including by lease or other means, for access by the public for maple-sugaring activities.

Applications are due May 11, 2020. Approximately \$6 million is available.

LINKS: [Grants.gov](#)

BJA FY 20 Academic-based Drug Field Testing and Training Initiative
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to establish a pilot project to develop a national training model on current rapid identification technology and scientifically sound field collection and testing methods that can be used when drugs are discovered in the field.

Applications are due May 8, 2020. Approximately \$1.8 million is available to support one award for 36 months.

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

BJA FY 20 Preventing School Violence: BJA's STOP School Violence Program
Department of Justice (Justice), Bureau of Justice Assistance (BJA)

Notice seeking applications to improve school security by providing students and teachers with the tools they need to recognize, respond quickly to, and help prevent acts of violence.

Applications are due June 9, 2020. Approximately \$71.5 million is available for 150 awards.

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

BLM CA Youth Conservation Opportunities on Public Lands
Bureau of Land Management (BLM), Department of the Interior (Interior)

Notice seeking proposals to fund projects that provide employment for participants and opportunities to learn about and gain work experience in public lands and natural resources management in California while promoting long-term interest in public lands stewardship and the BLM. The BLM Youth Program assists the BLM with diversifying the workforce while exposing participants to the complex cultural and natural resource issues faced by National Conservation Lands managers. Conservation projects must focus on providing employment, education, and public-service opportunities for U.S. citizens and legal residents (between ages 16 and 30 inclusive and veterans up to age 35 inclusive) recruited from local and surrounding communities to assist with projects on public lands.

Applications are due May 11, 2020. Approximately \$500,000 is available for up to 12 awards. Eligibility is limited to qualified youth conservation corps established by a state or local government, by the governing body of any Indian tribe, or by a qualified nonprofit organization interested in working cooperatively with the BLM to develop and administer multiple-use conservation projects.

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

Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Grants for Research Fellowship (GRF)

U.S. Department of Transportation (DOT), Federal Highway Administration (FHWA)

Notice seeking applications from students for funding to pursue master's or doctoral degrees in transportation-related disciplines.

Applications are due April 27, 2020. Approximately \$240,000 is available for up to five awards in FY 20. Applicants must have baccalaureate degree from an accredited college university in the U.S. or its territories, demonstrate confirmation of acceptance in a graduate degree program at an accredited IHE in the U.S. or its territories; be enrolled in an accredited IHE within the U.S. or its territories; be pursuing a graduate degree in a full-time program in a transportation-related discipline identified in the assignment announcement; have at least one full academic year remaining in program of study; conduct ongoing research in one or more transportation-related disciplines; and plan to enter the transportation profession after completing their higher-level education.

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

Farmers Market Promotion Program

United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice seeking applications that develop, coordinate, and expand direct producer-to-consumer markets to help increase access to and availability of locally and regionally produced agricultural products.

Applications are due May 11, 2020. Approximately \$13.5 million is available. Cost share of 25 percent is required.

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

Federal-State Marketing Improvement Program (FSMIP)

United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice seeking applications for projects that explore new market opportunities for U.S. food and agricultural products and encourage research and innovation aimed at improving the efficiency and performance of the U.S. marketing system.

Applications are due May 11, 2020. Approximately \$1 million is available. \$1-for-\$1 match is required.

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

Local Food Promotion Program

United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice seeking applications to support the development, coordination, and expansion of local and regional food business enterprises to increase access to and availability of locally and regionally produced agricultural products.

Applications are due May 11, 2020. Approximately \$13.5 million is available. Cost share of 25 percent is required.

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

Magnet Schools Assistance Program
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to support the creation and replication of evidence-based magnet programs and magnet schools that seek to reduce, eliminate, or prevent minority group isolation by taking into account socioeconomic diversity. Grantees may use grant funds for activities intended to improve students' academic achievement, including acquiring books, materials, technology, and equipment to support a rigorous, theme-based academic program; conducting planning and promotional activities; providing professional development opportunities for teachers to implement the academic program; and paying the salaries of effective teachers and other instructional personnel.

Applications are due May 26, 2020. Optional notices of intent are due April 9, 2020. Approximately \$23.5 million is available for an estimated 7 to 9 awards. Eligibility is limited to local education agencies (LEAs) or consortia of LEAs but opportunities may exist for colleges and universities to collaborate.

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

OJJDP FY 20 Opioid Affected Youth Initiative
Department of Justice (Justice), Office of Juvenile Justice and Delinquency Prevention (OJJDP)

Notice seeking applications to implement programs and strategies that identify, respond to, treat, and support children, youth, and families impacted by the opioid epidemic.

Applications are due April 20, 2020. Approximately \$9 million is available for 13 awards.

LINKS: [Grants.gov](#)

Regional Food System Partnerships
United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice seeking applications that supports partnerships that connect public and private resources to plan and develop local or regional food systems. The RFSP focuses on building and strengthening local or regional food economy viability and resilience by alleviating unnecessary administrative and technical barriers for participating partners.

Applications are due May 11, 2020. Approximately \$10 million is available. Cost share of 25 percent is required.

LINKS: [Grants.gov](#)

Research and Evaluations of Victims of Crime, Fiscal Year 2020
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking proposals for formative evaluations, evaluability assessments, and/or evaluations of victims of crime service programs. NIJ is interested in evaluations of different types of victim services including, but not limited to, programs embedded in hospitals/trauma centers; umbrella/network organizations; one-stop victim services programs; and/or programs embedded in criminal justice agencies.

Applications are due April 20, 2020. Approximately \$4 million is available for eight awards.

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

Research on the Abuse, Neglect, and Exploitation of Elderly Individuals, Fiscal Year 2020
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications for funding for research and evaluation projects that expand understanding of the phenomena of elder abuse, in its many forms, and the effectiveness of strategies to prevent such abuse.

Applications are due April 20, 2020. Approximately N\$2 million will be available for awards.

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

Judicial Conference of the United States, Committee on Rules of Practice and Procedure.
Department of Justice (Justice)

Notice announcing a meeting of the Committee on Rules of Practice and Procedure. The agenda and supporting materials will become available seven days prior to the meeting date.

The meeting will be held June 23, 2020 from 9:00 a.m. to 5:00 p.m. ET at the Administrative Office of the U.S. Courts, One Columbus Circle NE, Washington, DC. The meeting will be open to public observation but not participation.

LINKS: [Federal Register](#)

Administrative Priorities for Discretionary Grant Programs
Department of Education (Education), Office of Planning, Evaluation, and Policy Development

Notice announcing six priorities for discretionary grant programs that the Secretary may use in fiscal year (FY) 2020 and later years that expand the Department of Education's (the Department's) flexibility to give priority to a broader range of applicants with varying experience in administering Federal education funds (Priorities 1 and 2), applicants proposing to serve rural communities (Priorities 3 and 4), applicants that demonstrate a rationale for their proposed projects (Priority 5), or applicants proposing to collect data after the grant's original project period (Priority 6).

These priorities are effective April 8, 2020.

LINKS: [Federal Register](#)

HEALTH and MENTAL HEALTH

Global Health Security Partner Enhancement: Expanding Efforts to Improve Surveillance and Laboratory Data Interoperability
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS),
Center for Global Health (CGH)

Notice seeking applications to address global health threats posed by infectious diseases and the current Ebola epidemic in West Africa with a focus to the following areas: 1) Preventing avoidable epidemics; 2) Detecting threats early; and 3) Responding rapidly and effectively.

Applications are due May 4, 2020. Approximately \$25 million is available for five awards to support projects lasting up to five years.

LINKS: [Grants.gov](#)

Sickle Cell Data Collection Program
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS),
National Center on Birth Defects and Developmental Disabilities (NCBDDD)

Notice seeking applications to develop a state-wide sickle cell disease (SCD) surveillance system to include the following activities: 1) surveillance team engagement, data collection, and annual reporting of aggregate level data; and 2) analysis of SCD surveillance data and dissemination of results.

Applications are due May 11, 2020. Approximately \$4.5 million is available for six awards.

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

Strengthening Regional Field Epidemiology Training Program (FETP) Networks
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS),
Center for Global Health (CGH)

Notice seeking applications to accelerate progress toward a world safe and secure from infectious disease threats by building workforce capacity through creation and support of regional networks of field epidemiology and training programs (FETPs).

Applications are due May 4, 2020. Approximately \$30 million is available for six awards to support projects lasting up to five years.

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

Development of Wearable Smart Devices for Continuous Monitoring of Circulating Nutrients, Metabolites and Hormones (R21-R33 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI); National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications to develop tools and devices that can continuously monitor a broader range of nutrients, metabolites and/or metabolic signals for advancing precision nutrition, microbiome, and circadian metabolism research.

LOI's are due 30 days prior to application date. Applications are due June 18, 2020 and June 8, 2021. The number of awards is contingent upon NIH appropriations to support projects lasting up to two years for the R21 (\$275,000 cap) and three years for the R33 (\$500,00 cap).

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

DoD Bone Marrow Failure, Idea Development Award
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications to support innovative ideas and high-impact approaches based on scientifically sound evidence to move toward the BMFRP's vision of understanding and curing BMF diseases.

Required pre-applications are due May 11, 2020. Applications are due August 5, 2020.

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

Engineering Immunity to HIV-1 Through Next Generation Vaccines (R61 and R33 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to pair Bioengineers and Immunologists to leverage emerging innovative knowledge in physical and computational sciences for the design and development of an HIV-1 vaccine.

Optional letters of intent are due 30 days prior to the application due date. Applications are due July 28, 2020. Approximately \$5 million is available to support up to five awards.

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

Expanding Efforts and Strategies to Protect and Improve Public Health in Kenya
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS),
Center for Global Health (CGH)

Notice seeking applications to accelerate progress toward a world safe and secure from infectious disease threats and to promote global health security as an international security priority.

Applications are due May 11, 2020. Approximately \$20 million is available to support six awards for five years.

LINKS: [Grants.gov](#)

Advisory Committee on Organ Transplantation
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Secretary's Advisory Committee on Organ Transplantation (ACOT). The purpose is to discuss issues related to the recent HHS National Survey of Organ Donation Attitudes and Behaviors and efforts to increase organ transplantation.

The meeting will be held April 7, 2020, 8:00 a.m.-4:00 p.m. ET at 5600 Fishers Lane, Rockville, Maryland 20857, Room 5A03.

LINKS: [Federal Register](#)

Fiscal Year 2020 Generic Drug Regulatory Science Initiatives; Public Workshop; Request for Comments
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking input through a public workshop from a variety of stakeholders— academia, industry, patient advocates, professional societies, and other interested parties— to inform the development of FDA's annual list of regulatory science initiatives specific to generic drugs. FDA will take the information it obtains from the workshop into account in developing its FY 21 regulatory science initiatives.

The meeting will be held May 4, 2020, from 8:30 a.m. to 4:30 p.m. ET, at FDA White Oak Campus, 10903 New Hampshire Ave. Bldg. 31, Rm. 1503 Sections B&C, Silver Spring, MD. Register with the contact by April 3 to attend remotely.

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

Emergency Competitive Revision to Existing NIH Awards (Emergency Supplement - Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing to the applicant community that funds may be available for applications based on a presidentially declared disaster under the Stafford Act, a public health emergency declared by the Secretary, HHS, or other local, regional or national disaster. Applications for Emergency Competitive Revisions will be routed directly to the NIH awarding component listed on the NoA of the most recent parent award. Emergency Notices of Special Interest (NOSIs) issued by the respective NIH institutes and centers (ICs) will specify the activity codes under which recipients can apply.

Only applications submitted in response to an Emergency NOSI published by an IC will be allowed to apply to this FOA.

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

Scientific Data and Information About Products Containing Cannabis or Cannabis-Derived Compounds; Reopening of the Comment Period
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing the Food and Drug Administration (FDA, Agency, or we) is reopening the comment period to obtain scientific data and information about the safety, manufacturing, product quality, marketing, labeling, and sale of products containing cannabis or cannabis-derived compounds. The period is open indefinitely with particular interest in data that may help to address uncertainties and data gaps related to the safety of cannabidiol (CBD).

Submit written/paper submissions as follows: Mail/Hand Delivery/Courier (for written/paper submissions): Dockets Management Staff (HFA-305), Food and Drug Administration, 5630 Fishers Lane, Rm. 1061, Rockville, MD 20852.

LINKS: [Federal Register](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

ADVANCE: Organizational Change for Gender Equity in STEM Academic Professions
National Science Foundation (NSF)

Notice seeking proposals to build on prior NSF ADVANCE work and other research and literature concerning gender, racial, and ethnic equity. The NSF ADVANCE program goal is to broaden the implementation of evidence-based systemic change strategies that promote equity for STEM2 faculty in academic workplaces and the academic profession. The NSF ADVANCE program provides grants to enhance the systemic factors that support equity and inclusion and to mitigate the systemic factors that create inequities in the academic profession and workplaces.

Required letters of intent are due August 3, 2020 for Adaptation and Partnership tracks. Required preliminary proposals are due April 22, 2021 for Institutional Transformation. Approximately \$29 million is available to support up to 36 awards.

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

Air Combat Evolution Technical Area 1: Build Combat Autonomy
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking innovative proposals for the Air Combat Evolution Program Technical Area 1: Building Combat Autonomy to increase warfighter trust in combat autonomy by automating aerial within-visual-range maneuvering using realistic platforms.

Proposals are due April 30, 2020. Questions are due March 31, 2020. Approximately \$25 million is available for multiple awards.

LINKS: [Contract Opportunities](#)

Future Manufacturing
National Science Foundation (NSF)

Notice seeking proposals to support fundamental research and education of a future workforce that will

enable Future Manufacturing: manufacturing that either does not exist today or exists only at such small scales that it is not viable. Future Manufacturing will require the design and deployment of diverse new technologies for synthesis and sensing, and new algorithms for manufacturing new materials, chemicals, devices, components and systems.

Required letters of intent are due April 10, 2020. Proposals are due June 5, 2020. Approximately \$40 million is available for 20 awards.

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

Gen-4 Engineering Research Centers
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking proposals to support convergent research that will lead to strong societal impact. Each ERC has interacting foundational components that go beyond the research project, including engineering workforce development at all participant stages, a culture of diversity and inclusion where all participants gain mutual benefit, and value creation within an innovation ecosystem that will outlast the lifetime of the ERC.

Required LOIs are due September 2, 2020. Required preliminary proposals are due October 2, 2020. Approximately \$130 million is available for up to five awards. Cost sharing is required.

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

Innovation Corps @ Department of Defense Program (I-Corps @ DoD Program) Fiscal Year 2020
Department of Defense (Defense)

Notice seeking applications from current/recent DoD awardees on research topics to receive mentoring and funding to accelerate the transition and commercialization of the funded research.

Applications are due June 15, 2020. Approximately \$700,000 is available for 10 awards to support performance for an additional 12 months.

LINKS: [Grants.gov](#)

MUREP Institutional Research Opportunity (MIRO) Group 6R
National Aeronautics and Space Administration (NASA)

Notice seeking applications from Minority Serving Institutions to expand the nation's base for aerospace research and development by fostering new aerospace research and technology development concepts aligned with NASA; strengthen participation of faculty, researchers, and students; and contribute to the pipeline of diverse workers at NASA and NASA-related fields.

Notices of intent are due March 24, 2020. Applications are due May 8, 2020. Approximately \$2 million is available for five awards.

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

National Science Foundation, Broad Agency Announcement for National Center for Science and Engineering Statistics
National Science Foundation (NSF), National Center for Science and Engineering Statistics (NCSES)

Notice seeking applications to address the following methodological projects particular to NCES survey data collections: longitudinal and condensed survey design for ongoing surveys; split questionnaire design

with matrix sampling; visualizing research networks; the incidence and impact of sexual harassment and discrimination in the science and engineering enterprise.

Applications are due April 20, 2020. Approximately \$2 million is available for awards ranging from \$50,000 to \$500,000 to support projects lasting up to two years.

LINKS: [Contract Opportunities](#)

Scientific Discovery through Advanced Computing: Scientific Machine Learning and Artificial Intelligence for Fusion Energy Sciences
Department of Energy (Energy)

Notice seeking applications to sustain and enhance the leadership position of the United States in Artificial Intelligence (AI) while addressing high-priority research opportunities identified in recent fusion community studies.

Required LOI's are due March 30, 2020. Applications are due April 30, 2020. Approximately \$21 million is available for seven awards.

LINKS: [Grants.gov](#)

Strategic Trends Division Broad Agency Announcement (BAA)
Department of Defense (Defense)

Notice seeking applications to develop and provide credible, timely, operationally relevant and actionable research products that inform Strategic Trends Division's efforts to characterize the 2025 to 2030 threat environment in an era of Great Power Competition through the Strategic Trends Research Initiative. Focus areas include, but not limited to, emerging threats, counter threats and strategic dialogue with allies, partners, and non-traditional partners.

Applications are due March 4, 2020. Approximately \$1.9 million is available for 10 awards to support projects lasting up to one year. There is no set limit to the number of proposals an institution or organization can submit under this BAA; however, the level of effort for each key personnel should not reasonably exceed one annual full time equivalent.

LINKS: [Grants.gov](#)

Theoretical Research in Magnetic Fusion Energy Science
Department of Energy (Energy)

Notice seeking applications to develop fundamental theoretical and computational research for public benefit, relevant to magnetic confinement configurations. Specific areas of interest include: 1. Macroscopic Stability; 2. Confinement and Transport; 3. Boundary Physics; 4. Plasma Heating & Non-inductive Current Drive; and 5. Energetic Particles.

LOI's are due March 27, 2020. Applications are due May 1, 2020. Approximately \$13 million is available for three awards to support projects lasting up to three years. Applications for a new project may not be submitted on behalf of a PI with a current theory award if the new application concerns the same topical area as the existing award.

Limited Submission: One application for each PI at the applicant institution.

LINKS: [Grants.gov](#)

Emerging Technology Technical Advisory Committee; Notice of Partially Closed Meeting

Department of Commerce (Commerce), Bureau of Industry and Security (BIS) management

Notice announcing a meeting scheduled to discuss emerging technology and research and development issues of interest to the mission of BIS, which is to advance U.S. national security, foreign policy, and economic objectives by ensuring an effective export control and treaty compliance system and promoting continued U.S. strategic technology leadership.

The meeting will be held May 19, 2020 from 1:00 p.m. to 4:00 p.m., ET at Herbert Hoover Building, 265 15th St NW, Washington, DC. Register with the contact by May 12, 2020 to attend via teleconference.

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

Term and Condition Notification of Harassment Form
National Aeronautics and Space Administration (NASA)

Notice seeking comments NASA's term and condition regarding sexual harassment, other forms of harassment, and sexual assault. This term and condition requires recipient organizations to report to NASA any findings/determinations of sexual harassment, other forms of harassment, or sexual assault regarding a NASA funded Principle Investigator (PI) or Co-Investigator (Co-I). The new term and condition will also require the recipient to report to NASA if the PI or Co-I is placed on administrative leave or if the recipient has imposed any administrative action on the PI or Co-I, or any determination or an investigation of an alleged violation of the recipient's policies or codes of conduct, statutes, regulations, or executive orders relating to sexual harassment, other forms of harassment, or sexual assault.

Email comments to the contact by May 5, 2020.

LINKS: [Federal Register](#)

2021 EHP External Research Grants
Department of the Interior (Interior)

Notice seeking applications to support research in earthquake hazards, the physics of earthquakes, earthquake occurrence, and earthquake safety policy.

Applications are due May 20, 2020. Approximately \$7 million is available for 60 to 80 new awards typically ranging from \$30,000 to \$85,000 each.

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

Human-Environment and Geographical Sciences Program
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking applications to support basic scientific research about the nature, causes, and/or consequences of the spatial distribution of human activity and/or environmental processes across a range of scales. Projects about a broad range of topics may be appropriate for support if they enhance fundamental geographical knowledge, concepts, theories, methods, and their application to societal problems and concerns. Recognizing the breadth of the field's contributions to science, the HEGS Program welcomes proposals for empirically grounded, theoretically engaged, and methodologically sophisticated geographical research.

Applications are due August 18, 2020, then the third Tuesday in August, annually; and January 19, 2021, then the third Tuesday in January, annually. Approximately \$6 million is available for 40 awards.

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

SBIR STTR FY 2020 Phase II Release 2
Department of Energy (Energy)

Notice seeking applications from DOE SBIR/STTR Phase I and Phase II grantees for financial assistance for new research and development tasks aligned with the original scope of work.

Required letters of intent are due April 1, 2020. Applications are due April 21, 2020. Approximately \$111 million is available for average awards of \$1.1 million to support projects lasting up to 24 months. Eligibility is limited to Phase I and Phase II grantees.

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

Signals in the Soil

Directorate for Biological Sciences (BIO), Directorate for Computer & Information Science & Engineering (CISE), Directorate for Engineering (ENG), Directorate for Geosciences (GEO), Directorate for Mathematical & Physical Sciences (MPS), National Institute of Food and Agriculture (NIFA), National Science Foundation (NSF), United States Department of Agriculture (USDA)

Notice encouraging convergent research that transforms existing capabilities in understanding dynamic soil processes, including soil formation, through advances in sensor systems and modeling. The Signals in the Soil (SitS) program fosters collaboration among the two partner agencies and the researchers they support by combining resources and funding for the most innovative and high-impact projects that address their respective missions. To make transformative advances in our understanding of soils, multiple disciplines must converge to produce environmentally-benign novel sensing systems with multiple modalities that can adapt to different environments and collect and transmit data for a wide range of biological, chemical, and physical parameters. Effective integration of sensor data will be key for achieving a better understanding of signaling interactions among plants, animals, microbes, the soil matrix, and aqueous and gaseous components.

Full proposals are due May 20, 2020. Approximately \$13 million is available for 10 awards.

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

Staff Research Program

Army (Army), Department of Defense (Defense)

Notice soliciting proposals to enable ARO scientific staff to maintain and expand professional competence in support of fulfilling the ARO mission through the conduct of hands-on, basic research. The staff research will be performed collaboratively with institutions external to ARO. Staff research efforts will involve scientific study directed toward advancing the state-of-the-art or increasing knowledge and scientific understanding in engineering, physical, life and information sciences, when there is an intersection with the interests and capabilities of the participating external institutions in these basic research areas.

Applications can be submitted any time through February 19, 2025.

LINKS: [Grants.gov](#)

Notice of Rail Energy Transportation Advisory Committee Meeting

U.S. Department of Transportation (DOT), Rail Energy Transportation Advisory Committee

Notice announcing a meeting of the Rail Energy Transportation Advisory Committee to discuss issues including rail service, infrastructure planning and development, and effective coordination among suppliers, rail carriers, and users of energy resources. Potential agenda items for this meeting include a rail performance measures review, and member led roundtable discussions.

The meeting will be held on April 21, 2020 starting at 9:00 a.m. at Surface Transportation Board headquarters at 395 E St. SW, Washington, DC

LINKS: [Federal Register](#)

Acceleration of Quantum Dot Device Development (Topic 20)
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice announcing DARPA invites participation in Polyplexus, which is an online, professional, technical conversation between the research community and DARPA Program Managers that will lead to the opportunity to submit abstracts and full proposals for a research and development project. The online discussion culminates in an opportunity to submit an abstract and subsequently a proposal describing a proposed research project.

Access to the platform should be requested directly from the polyplexus.com website: <https://www.polyplex.com/> Participants are strongly encouraged to apply for access and to start their participation at least 2 weeks before the end of the suggestion period.

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