

## ARTS, HUMANITIES, and INTERNATIONAL

Information Office – Leveraging Press to Foster Understanding and Improve Reporting  
Department of State (State), Bureau of South and Central Asian Affairs

Notice seeking applications to provide training to media professionals through two projects: 1) Reporting on Cross-Border Issues of Mutual Concern and 2) Journalism Ethics for Television Broadcasters both designed to strengthen people-to-people ties between the United States and Pakistan through shared information, experiences, and expertise and promote community cohesion through positive messages and inclusive perspectives that increase social tolerance.

Applications are due April 9, 2019. Approximately \$725,000 is available for two awards to support both projects lasting up to one year.

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

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Pakistan Teaching Excellence and Achievement (TEA) English Language Teacher Exchange  
Department of State (State), Bureau of South and Central Asian Affairs

Notice seeking applications for a U.S. university partner to promote the development of English language skills, knowledge of current English Language Teaching (ELT) pedagogies, and the leadership skills of a select number of Pakistani high school English language teachers through a blend of classroom and field experiences. This includes community engagement activities and opportunities to network with English language teaching peers in the United States.

Applications are due April 8, 2019. Approximately \$700,000 is available for one award.

Limited Submission: One proposal per organization.

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

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Agriculture and Food-Systems Development Activity (AFD)  
United States Agency for International Development (USAID), Burma USAID - Rangoon

Notice seeking applications to facilitate strong bonds of economic mutual interest across ethnic divides in northern Burma through the development and strengthening of agriculture and food systems. This will include capacity building at various levels – production, post-harvest handling and food processing – to improve the integration of smallholder farmers into local and regional markets, as well as into other lucrative market opportunities, and thereby create opportunities for sustainable peace.

Applications are due March 15, 2019. One award of up to \$38 million is available to support a project lasting up to five years.

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

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DRL FY18 19 IRF Papua New Guinea  
Department of State (State)

Notice seeking proposals to prevent violence, human rights, and religious freedom violations by addressing underlying societal factors driving attacks against those labeled as practitioners of witchcraft in Papua New Guinea.

Proposals are due March 29, 2019. Approximately \$493,827 is available to fund one project.

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

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DRL FY18 FY19 IRF Journalist Training on Religious Freedom  
Department of State (State), Bureau of Democracy Human Rights and Labor (DRL)

Notice seeking applications to support projects that improve the quality, quantity, and dissemination of reporting on religious freedom issues in one of four regions: Near East Asia, South Central Asia, Africa, and East Asia and Pacific.

Applications are due April 4, 2019. Approximately four awards of up to \$600,000 are available to support projects lasting up to 36 months.

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

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DRL FY18 IRF Addressing Societal Constraints on Religious Freedom in Pakistan  
Department of State (State), Bureau of Democracy Human Rights and Labor (DRL)

Notice seeking applications for projects that support democracy, good governance, religious freedom and human rights in Pakistan.

Applications are due April 15, 2019. Approximately \$987,650 is available for one to two awards to support a project lasting 24 to 36 months.

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

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DRL FY18 Strengthening Democratic Processes and Human Rights in Burma through Constitutional and Legislative Reform  
Department of State (State)

Notice seeking proposals for projects that strengthen the democratic transition in Burma by supporting constitutional and legislative reform.

Applications are due March 29, 2019. Approximately \$1 million is available to fund up to two awards.

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

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Media Strengthening Follow-On Program (MSP 2.0)  
United States Agency for International Development (USAID)

Notice seeking concept papers to strengthen media in Mozambique to support a free, open, diverse and self-sustaining Mozambican media sector.

Concept papers are due March 11, 2019 at 10:00 a.m. Maputo Time. Approximately \$10 million is available for this project.

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

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Official U.S. Presentation at the 17th International Architecture Exhibition  
Bureau of Educational and Cultural Affairs (ECA), National Endowment for the Arts (NEA), Department of State (State)

Notice seeking proposals to organize the official U.S. Exhibition at the 17th International Architecture Biennale to be held in Venice, Italy, from May through November 2020.

Proposals are due March 28, 2019. One award of up to \$325,000 is anticipated, to fund a project lasting two years. Applicants are strongly encouraged to discuss project ideas with the contacts below from the Federal Advisory Committee on International Exhibitions at the National Endowment from the Humanities.

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

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Pakistan English Language Teacher (ELT) Development  
Department of State (State)

Notice seeking proposals in four project areas to strengthen English language learning opportunities in Pakistan. Projects include: Pakistan Teaching Excellence and Achievement Program Support; Professional Development for Novice Teachers; English Language Teaching Materials Development; and the English Language Teachers' Forum.

Proposals are due April 14, 2019. An estimated one award per project type is anticipated, with funding levels varying by project.

Limited Submission: Limited to one proposal for each of the four projects (four proposals maximum).

LINKS: [Grants.gov](#)

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U.S. Embassy Haiti PAS Election Outreach Program  
Department of State (State), U.S. Mission to Haiti

Notice seeking applications for programs that support political participation, women in politics, youth participation in elections, voter participation outreach, non-partisan voter guides and election reporting. 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 political participation.

Applications are due April 1, 2019. Approximately \$100,000 is available to support five awards.

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

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USAID Kyrgyz Republic Tuberculosis (TB) Control Program  
United States Agency for International Development (USAID)

Notice seeking applications to reduce the burden of drug-resistant (DR) tuberculosis (TB) in the Kyrgyz Republic. The activity will work across the country to comprehensively fight DR TB by strengthening key aspects of the Kyrgyzstani health system.

Applications are due March 15, 2019. Approximately \$18.5 million is available for one award to support a project lasting up to five years. Questions are due February 22, 2019.

LINKS: [Grants.gov](#)

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Wildlife Trafficking Evidence Security and Destruction  
Department of State (State), Bureau of International Narcotics and Law Enforcement Affairs (INL)

Notice seeking applications to improve partner countries' (in Africa and Southeast Asia) abilities to maintain evidence security and chain of custody during and following investigations of wildlife trafficking cases. The program will focus on providing technical assistance and training to improve evidence continuity over its entire lifetime, from acquisition to disposal, focusing on issues such as chain of custody, developing formal standards of management and administration, evidence handling, record keeping and accountability, roles and responsibilities within partner agencies, improving security measures, and the proper disposal of

evidence.

Applications are due April 15, 2019. Approximately \$2 million is available for up to two areas to support projects lasting up to two years. Questions are due March 14, 2019.

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

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Meeting of National Council on the Humanities  
National Endowment for the Humanities (NEH)

Notice announcing a meeting of the National Council on the Humanities with the following agenda: Chairman's Remarks; Senior Deputy Chairman's Remarks; Presentation by guest speaker Janine Pease, Little Big Horn College; and Reports on Policy and General Matters.

The open session of the meeting will be held on March 8, 2019 beginning at 9:00 a.m. ET at Constitution Center, 400 7th Street SW, Washington, DC.

LINKS: [Federal Register](#)

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Notice of Meeting NEA  
National Endowment for the Arts (NEA)

Notice announcing a meeting of the US Commission of Fine Arts with an agenda to be determined.

The meeting will be held February 21, 2019 starting at 9:00 a.m. ET at the National Building Museum, Suite 312, Judiciary Square, 401 F Street NW, Washington, DC.

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

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

College Assistance Migrant Program  
Department of Education (Education), Office of Elementary and Secondary Education (OESE); Office of Migrant Education

Notice seeking applications to assist students who are migratory or seasonal farmworkers (or children of such workers) enrolled in their first year of undergraduate studies through the College Assistance Migrant Program (CAMP). Competitive five-year grants for CAMP projects are made to IHEs or to nonprofit private agencies that cooperate with such institutions.

A pre-application webinar will be held on February 20, 2019 at 1:30 p.m. ET. Applications are due April 9, 2019. Up to \$400,000, per award, is available to support 12 projects lasting up to five years.

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

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High School Equivalency Program  
Department of Education (Education), Office of Elementary and Secondary Education (OESE)

Notice seeking applications to assist eligible persons to obtain the equivalent of a secondary school diploma and subsequently to gain improved employment, enter into military service, or be placed in an institution of higher education (IHE) or other postsecondary education or training.

A pre-application webinar will be held February 20, 2019. Applications are due April 9, 2019. Approximately \$6.43 million is available to support 14 awards for up to 60 months.

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

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NAWCA 2020 Mexico Standard Grant  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to protecting, improve, restore, and manage an appropriate distribution and diversity of wetland ecosystems and other habitats for wetlands-associated migratory birds and other fish and wildlife in North America.

Applications are due June 24, 2019. Approximately \$2.5 million is available for 15 awards.

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

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Research and Evaluation for the Testing and Interpretation of Physical Evidence in Publicly Funded Forensic Laboratories, FY 2019  
Department of Justice (Justice), National Institutes of Justice (NIJ)

Notice seeking applications to identify the most efficient, accurate, reliable, and cost-effective methods for the identification, analysis, and interpretation of physical evidence for criminal justice purposes.

Applications are due April 29, 2019. Approximately \$2.5 million is available for 10 awards to support projects lasting up to five years.

LINKS: [Grants.gov](#)

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Invitation for Membership on Advisory Committees  
Department of Justice (Justice), Commission on Civil Rights

Notice announcing the United States Commission on Civil Rights Commission requests applications for advisory committees to lead the examination of civil rights issues and provide reports with findings and recommendations to the Commission in accordance with the provisions of the Federal Advisory Committee Act. The Commission is accepting applications and appointing members for four-year terms in multiple states (see announcement).

Application deadlines vary by state or district. Eligible applicants must be residents of the respective state or district, and have demonstrated expertise or interest in civil rights issues. All applicants must complete the on-line application form found at <https://www.surveymonkey.com/r/S7WCLL6>.

LINKS: [Federal Register](#)

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Veterans Community Integration Resources Military Life Cycle Module  
Department of Veterans Affairs (VA)

Notice announcing VA's intent to develop a "Community Integration Resources" (CIR) Military Life Cycle (MLC) module. MLC modules are learning opportunities that are available at designated touchpoints throughout servicemembers' careers and that help servicemembers plan for transition well before separation. This CIR module will help make servicemembers and veterans aware of the community resources and services available; it will also help them learn to use Federal tools like the National Resource Directory (NRD) to identify and vet those resources and services and decide how and when to engage them for assistance.

Organizations interested in supporting servicemembers and veterans as they integrate into their communities are encouraged to register with the NRD by visiting <http://nrd.gov> and selecting "Submit a Resource."

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

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Administration of the Dwight David Eisenhower Transportation Fellowship Program (DDETFP) Local Competition at Designated Institutions of Higher Education  
U.S. Department of Transportation (DOT)

Notice seeking proposals from students attending Historically Black Colleges and Universities, Hispanic Serving Institutions, Tribal Colleges and Universities, and Asian and Pacific Islander-Serving Institutions to conduct transportation-related research, pursue transportation-related degrees, to enter the transportation workforce, and to enhance the breadth, scope and diversity of knowledge of the entire transportation community in the United States. The mechanism provides funding for students to pursue Associate, Bachelor, Master, and Doctoral Degrees in transportation-related disciplines in all modes of transportation.

Proposals are due April 12, 2019. Multiple awards of up to \$50,000 are anticipated.

Limited Submission: Only HBCUs, HSIs, TCUs, and APIs may apply.

LINKS: [Grants.gov](#)

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BJA FY 19 Adult Drug Court and Veterans Treatment Court Planning, Training, Technical Assistance, and Resource Center Initiative  
Department of Justice (Justice)

Notice seeking proposals to provide support to both Adult Drug Court and Veterans Treatment Court in collaboration with states, veterans, tribes, and local justice system officials and treatment professionals to implement evidence-based drug court practices.

Applications are due April 16, 2019. Up to seven awards are available, with funding levels varying by category.

LINKS: [Grants.gov](#)

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Community Connect Grant Program  
United States Department of Agriculture (USDA)

Notice seeking applications to provide service at or above the Broadband Grant Speed to all premises in rural, economically-challenged communities where broadband service does not exist.

Applications are due April 15, 2019. Approximately \$3 million is available to fund multiple awards. Cost sharing is required.

LINKS: [Grants.gov](#)

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Evaluation of Project Safe Neighborhoods, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications to run a a multi-site evaluation of the Project Safe Neighborhoods (PSN) program. PSN is a Department of Justice-sponsored initiative that involves cooperation of multiple criminal justice agencies and their partners working at the local level to develop and implement strategic responses to reduce gun crime. The project will include between eight and ten local site-level evaluations as well as one national assessment of PSN.

Applications are due May 1, 2019. One award of up to \$3 million is anticipated to support phase one of a two-phase project.

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

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OJJDP FY 19 Second Chance Act Addressing the Needs of Incarcerated Parents and Their Minor Children  
Department of Justice (Justice)

Notice seeking applications to promote and expand services in detention and correctional facilities to incarcerated individuals who have children younger than age 18. Program activities include developing strategies to increase and enhance communication between the child and his or her incarcerated parent while maintaining safe facilities, and providing transitional reentry services that incorporate a focus on parental responsibility for incarcerated parents and ensuring that youth with an incarcerated parent receive services that support positive youth development.

Applications are due April 15, 2019. Approximately six to ten awards of up to \$750,000 each are anticipated to support projects lasting up to 36 months. Eligibility is limited to states and local government but opportunities exist for collaboration with colleges and universities.

Limited Submission: One application per applicant but colleges and universities may be subrecipients on multiple applications.

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

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Research and Evaluation on Gangs and Gang Violence, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications to fund research and program evaluation projects that inform efforts to prevent and reduce street gang activity, violence, and victimization in the United States. NIJ will support scientifically rigorous research and evaluation projects designed to produce findings with high practical utility for youth and adult gang prevention, intervention, enforcement, or reentry strategies.

Applications are due April 29, 2019. Approximately \$3 million is available for one or more awards to support projects lasting up to five years.

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

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Research and Evaluation on Policing, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications for investigator-initiated, randomized controlled trial (RCT) studies to inform policing at the state, local, and tribal levels. As part of a multi-pronged strategy to build evidence-based knowledge and advance policing, NIJ is seeking to support research that proposes to conduct RCTs on the strategic priorities articulated in NIJ's Policing Strategic Research Plan, 2017-2022.

Applications are due May 7, 2019. Approximately \$3 million is available for six awards.

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

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Research and Evaluation on Terrorism Prevention, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications to conduct phased, comparative and multi-site programmatic evaluations, help the field better understand risk factors, and develop risk assessment tools to prevent or intervene during the terrorism radicalization process. Applicants are encouraged to submit projects to increase knowledge surrounding deradicalization and disengagement, in addition to programming and services provided to

those incarcerated for or released from terrorism related offenses.

Applications are due April 22, 2019. Approximately \$3.5 million is available to fund multiple awards.

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

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Research and Evaluation on Violence Against Women: Sexual Violence, Intimate Partner Violence, Stalking, and Teen Dating Violence, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications to fund research to improve knowledge and understanding of intimate partner and dating violence, stalking, and sexual violence and to determine how best prevent and respond to these crimes. In FY 19 there are three funding priorities: 1) evaluation research on violence against women (VAW) programs; 2) VAW research; and 3) violence against American Indian and Alaska Native women and girls research.

Applications are due April 15, 2019. Approximately \$3.5 million is available for multiple awards to support projects lasting up to five years.

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

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Research into Desistance from Crime, FY 2019  
Department of Justice (Justice), National Institute of Justice (NIJ)

Notice seeking applications for innovative approaches to advance the fields of conceptualization of desistance, novel ways of understanding the processes underlying desistance from crime, and integrating desistance into criminal justice practice and policy. Applications are particularly sought that contribute to research on the dynamic process of desistance that considers changes in individual offenders psychological states, developmental capacities, life events, and social context and how these changes relate to changes in offending over time.

Applications are due April 29, 2019. Approximately \$2 million is available to fund multiple awards.

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

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Census Scientific Advisory Committee Public Meeting  
Census Bureau (CB)

Notice announcing a web conference of the Census Scientific Advisory Committee to discuss the following agenda: 2020 Census Program Update; 2018 End-to-End Test Update; Cybersecurity Update; Disclosure Avoidance for Block Level Data and Protection of Confidentiality; Census Use of Disaster Data; Administrative Records Update; Measuring Technology Use by U.S. Businesses; and 2017 Economic Census Update.

The web conference will be held February 28, 2019 from 2:00 p.m. to 4:00 p.m. ET.

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

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Open Meeting of the Financial Research Advisory Committee  
Department of the Treasury (Treasury)

Notice announcing a meeting of the Financial Research Advisory Committee to discuss the following agenda: presentation of reports to the central counterpart clearing; presentation of bond market liquidity; and the presentation of regulatory reporting charge.

The meeting will be held February 28, 2019 beginning at 9:00 a.m. ET.

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

## HEALTH and MENTAL HEALTH

Centers for Medical Countermeasures Against Radiation Consortium (U19 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 support the development of new medical products that will assess, diagnose, mitigate and/or treat the short-, delayed- and long-term consequences of radiation exposure during and following a radiation public health emergency (e.g. a radiological/nuclear terrorist incident or accident).

Optional letters of intent are due 30 days prior to the due date. Applications are due May 31, 2019. Approximately \$13.5 million is available for up to five awards to support projects lasting up to five years.

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

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Functional RNA Modifications Environment and Disease (FRAMED) (R01 and R21 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to develop innovative research that focus on how environmental exposures are associated and involved with the functional activities of RNA modifications and pathways that may be modified or mis-regulated, associated with adverse health outcomes and/or be useful as biomarkers of exposure and/or exposure-induced pathologies.

Optional letters of intent are due April 16, 2019. Applications are due May 16, 2019. Approximately \$2 million is available in FY 20 for five awards to support projects lasting up to five years.

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

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Innovative Approaches for Improving Environmental Health Literacy (R41-R42 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice seeking applications to develop tools that build capacity, improve environmental health literacy, and support citizen science endeavors in addition to improve communication strategies to convey Environmental Health Science concepts to diverse audiences, including K-12 education, undergraduate and graduate education, and information for health care professionals.

Optional letters of intent are due March 9, 2019. Applications are due April 9, 2019. Approximately \$150,000 (Phase I awards) and \$1 million (Phase II awards) are available for up to four awards to support projects lasting up to three years (Phase I/one year and Phase II/two years).

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

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Integrated Care for Kids (InCK)

Department of Health and Human Services (HHS), Centers for Medicare & Medicaid Services (CMS)

Notice seeking applications to test the effectiveness of payment supporting integrated service delivery-- across behavioral health, physical health, and other child services-- and develop state-specific pediatric

alternative payment models that incorporate provider accountability and focus on meaningful improvements in care quality and health outcomes.

Optional letters of intent are due March 11, 2019. Applications are due June 10, 2019. Approximately \$16 million, per award, is available for eight awards to support projects lasting up to seven years.

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

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State-Based Public Health Laboratory Biomonitoring Programs  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to increase the capability and capacity of state public health laboratories to conduct high-quality biomonitoring science and assess human exposure to environmental chemicals within their jurisdictions.

Recommended letters of intent are due March 15, 2019. Applications are due April 26, 2019. Approximately \$25 million is available for up to six awards to support projects lasting up to five years.

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

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Announcement of Meeting of the Secretary's Advisory Committee on National Health Promotion and Disease Prevention Objectives for 2030  
Department of Health and Human Services (HHS)

Notice announcing a meeting of the Office of Disease Prevention and Health Promotion to deliberate recommendations regarding the proposed Healthy People 2030 objectives, activities designed to implement the disease prevention and health promotion goals and objectives for the nation, and graphics for communicating key Healthy People 2030 elements.

The meetings will be held February 26, 2019 from 11:30 a.m. to 1:30 p.m. ET and March 27, 2019 from 2:00 p.m. to 5:00 p.m. ET. Registration for the February 26, 2019 meeting will open on February 11, 2019 and registration for the March 27, 2019 meeting will open on March 1, 2019. Register for the webinar at: <http://www.healthypeople.gov>

LINKS: [Federal Register](https://www.federalregister.gov)

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Fogarty International Center; Notice of Meeting  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Fogarty International Center (FIC) Advisory Board to discuss current and planned FIC activities.

The meeting will be held May 7, 2019 from 9:00 a.m. to 3:00 p.m. ET at the National Institutes of Health, Lawton L. Chiles International House, Building 16, Conference Room, 16 Center Drive, Bethesda, MD.

LINKS: [Federal Register](https://www.federalregister.gov)

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Meeting of the National Vaccine Advisory Committee  
Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Vaccine Advisory Committee to discuss presentations on reducing disparities, removing barriers to adult immunization, and reducing financial burdens to vaccination.

The meeting will be held March 25, 2019. The confirmed meeting times and agenda will be posted on the NVAC website at <http://www.hhs.gov/nvpo/nvac/meetings/index.html> as soon as they become available.

LINKS: [Federal Register](#)

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National Center for Complementary & Integrative Health; Notice of Meeting  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Advisory Council for Complementary and Integrative Health to discuss a report from the Center Director and Other Staff.

The meeting will be held June 7, 2019 from 10:00 a.m. to 4:00 p.m. ET at the National Institutes of Health, Natcher Building, 45 Center Drive, Bethesda, MD.

LINKS: [Federal Register](#)

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National Institute of Arthritis and Musculoskeletal and Skin Diseases; Notice of Meetings  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing meetings scheduled to discuss NIAMS program policies and issues.

The open portions of the meetings will be held June 5, 2019 and September 10, 2019, from 8:30 am to 12:30 pm ET each day, at National Institutes of Health, Natcher Building, Room E1/E2, 45 Center Drive, Bethesda, MD.

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

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National Institute of Biomedical Imaging and Bioengineering; Notice of Meeting  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing meetings scheduled to discuss reports from the NIBIB Director, as well as other NIBIB staff and scientific presentations.

The open portions of the meetings will be held May 21, 2019 and September 11, 2019, from 8:00 am to 12:00 pm ET each day, at The William F. Bolger Center, Franklin Building, Classroom 1, 9600 Newbridge Drive, Potomac, MD.

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

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National Institute of Neurological Disorders and Stroke; Notice of Meetings  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Advisory Neurological Disorders and Stroke Council to discuss reports by the Directors of NINDS, Division of Extramural Activities and Administrative and Program Developments.

The meetings will be held May 23, 2019 from 12:30 p.m. to 6:00 p.m. ET and September 4, 2019 from 12:30 p.m. to 6:00 p.m. ET at National Institutes of Health, Porter Neuroscience Research Center, Building 35A Convent Drive, Bethesda, MD.

LINKS: [Federal Register](#)

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National Institute on Deafness and Other Communication Disorders; Notice of Meetings  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing meetings scheduled to discuss NIDCD staff reports on divisional, programmatic, and

special activities.

The open portions of the meetings will be held May 17, 2019 and September 13, 2019, from 9:40 am to 2:00 pm ET each day, at National Institutes of Health, Porter Neuroscience Research Center, Room 620/630, Building 35A Convent Drive Bethesda, MD on May 17 and at National Institutes of Health, Neuroscience Center Building (NSC), Room C and D, 6001 Executive Boulevard, Rockville, MD on September 13.

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

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National Library of Medicine; Notice of Meetings  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), Board of Regents of the National Library of Medicine

Notice announcing a meeting of the Board of Regents of the National Library of Medicine Extramural Programs Subcommittee to discuss programming.

The meetings will be held May 14, 2019 from 9:00 a.m. to 4:00 p.m. and May 15, 2019 from 9:00 a.m. to 12:00 p.m. at the National Library of Medicine, Building 38, 2nd Floor, The Lindberg Room, 8600 Rockville Pike, Bethesda, MD

LINKS: [Federal Register](#)

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

Notice announcing a meeting (teleconference) of the National Institutes of Health Council of Councils to discuss announcements, scientific talks and program updates.

The meeting will be held May 17, 2019 from 8:15 a.m. to 12:00 p.m. at the National Institutes of Health, Building 60, The Cloisters, Lecture Hall, Chapel, 1 Cloister Court, Bethesda, MD. The open session will be videocast and can be accessed from the NIH Videocasting and Podcasting website: <http://videocast.nih.gov>

LINKS: [Federal Register](#)

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Advanced Rehabilitation Research Training (ARRT) Program (Community Living and Participation, and Employment)

Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications for opportunities to provide advanced research training to eligible individuals to enhance their capacity to conduct high-quality multidisciplinary disability and rehabilitation research to improve outcomes for individuals with disabilities in NIDILRR's major domain of community living and participation, or employment.

Applications are due April 8, 2019. Approximately \$150,000 is available for each type of award.

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

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Announcement of Availability of Funds for Replication of Programs Proven Effective through Rigorous Evaluation to Reduce Teenage Pregnancy, Behavioral Risk Factors Underlying Teenage Pregnancy, or Other Associated Risk Factors (Tier 1) Phase I  
Department of Health and Human Services (HHS)

Notice seeking applications for Phase I Tier 1 projects to replicate programs that have been proven effective through rigorous evaluation to reduce teenage pregnancy, behavioral risk factors underlying

teenage pregnancy, or other associated risk factors. Phase I Tier 1 projects will identify how to bring effective programs to scale and build the knowledge base on understanding what elements/components/factors are important to program success.

Applications are due April 15, 2019. Approximately 30 awards ranging from \$200,000 to \$500,000 per year are available to support projects lasting up to two years. A technical assistance webinar will be held for potential applicants March 4, 2019 at 2:30 p.m. ET. Webinar logistics will be posted at <https://www.hhs.gov/ash/oah/grant-programs/funding-opportunities/index.html>

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

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Bioequivalence of Topical Products: Bioequivalence Considerations for Ungual, Scalp, Vaginal, Anal or Rectal Dosage Forms (U01 Clinical Trial Not Allowed)  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice supporting the research and development necessary to elucidate specific considerations that may be uniquely relevant to evaluating the bioequivalence (BE) of unguinal (nail), scalp, vaginal, or rectal topical drug products. A specific emphasis of this funding opportunity involves the development of in vitro or ex vivo, comparative product characterization-based BE approaches.

Optional letters of intent are due February 25, 2019. Applications are due April 11, 2019. Approximately \$500,000 is available for one award.

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

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Bioequivalence of Topical Products: Elucidating the Sensorial and Functional Characteristics of Compositionally Different Topical Formulations (U01 Clinical Trial Required)  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to support research relevant to topical semisolid drug products that will help elucidate the relationship between a product's quality attributes and its functional properties. A specific purpose is to elucidate how characterizations of the arrangement of matter, including rheological characterizations (e.g., texture analysis, tribology) may correlate with and/or be predictive of sensorial differences perceived by human subjects (or patients).

Optional letters of intent are due February 25, 2019. Applications are due April 11, 2019. Approximately \$500,000 is available to support up to one award.

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

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Bioequivalence of Topical Products: Evaluating the Cutaneous Pharmacokinetics of Topical Drug Products Using Pharmacokinetic Tomography (U01 Clinical Trial Not Allowed)  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice seeking applications to support the research and development necessary to advance non-invasive (e.g., quantitative tomography-based) technologies, including the development of apparatus, methods, study designs, and methods of data analysis, to characterize and compare the rate and extent to which a topically applied drug becomes available at or near a site of action within the skin.

Optional letters of intent are due February 25, 2019. Applications are due April 11, 2019. Approximately \$500,000 is available to support one award.

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

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Biological Measures for Prognosing and Monitoring of Persistent Concussive Symptoms in Early and Middle Adolescents: Center Without Walls (PCS-EMA CWOW) (U54 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice discovering, characterizing the selectivity and sensitivity, and externally validating biological measures to be used for assessing, prognosing, and monitoring recovery of adolescents who either clinically present with or are at risk for developing prolonged/persistent concussive symptoms following exposure to repetitive head impacts and/or concussion. Resultant biological measures should be incorporated into risk stratification algorithms to inform clinical care and patient stratification for future clinical trials. A critical feature of this FOA includes the broad sharing of clinical, neuroimaging, physiological, and biospecimen data to further advance research in the area of persistent concussive symptoms in early and middle adolescent populations.

Optional letters of intent are due 30 days before application due date. Applications due April 10, 2019. Approximately \$2.25 million is available for one award.

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

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Enhancing Regulatory Science for the Risk Based Quality Assessment of Complex Products (U01) - Clinical Trials Optional  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS), Center for Drug Evaluation and Research (CDER)

Notice seeking applications to support research activities that expand the knowledge base related to complex products and formulation development, analysis, and manufacturing control to advance risk-based quality assessment of new and generic drug products. Biological products relevant to the CDER (e.g., monoclonal antibodies and therapeutic proteins) will also be considered.

Applications are due April 22, 2019. Up to two awards of up to \$1 million per year are anticipated to support projects lasting up to three years. Email the contact by March 1, 2019 for information on how to join a technical session for potential applicants.

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

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Initiative to Maximize Research Education in Genomics: Courses (R25 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for research education activities that support advanced level courses that are intended to disseminate new knowledge, techniques, methods, and analyses related to the mission of the National Human Genome Research Institute. To accomplish the stated over-arching goal, this mechanism will support creative educational activities with a primary focus on Courses for Skills Development.

Optional letters of intent are due 30 days before the application. Applications are due on a standard schedule of May 25, September 25, and January 25, with the first deadline being May 25, 2019. Multiple awards are anticipated, with a per-award ceiling of \$75,000 for short-term courses and \$150,000 for long-term courses.

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

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OMH Hepatitis B Demonstration Grant Program  
Office of Minority Health (OMH), Department of Health and Human Services (HHS)

Notice seeking applications for collaborative partnerships to develop Hepatitis B model programs that will end transmission of Hepatitis B Virus (HBV) (perinatal, children and adults) and reduce morbidity and mortality attributable to ongoing HBV infection. Service delivery efforts will focus on delivery of prompt,

responsive and efficient care for persons born in countries where HBV infection is endemic; U.S.-born persons not vaccinated as infants whose parents were born in countries with a very high prevalence of HBV infection; household contacts or sexual partners of persons with HBV infection; and infants/children/adolescents who may otherwise slip through the cracks and improve reach of services essential to eliminating hepatitis B.

Applications are due April 13, 2019. Approximately seven awards of up to \$500,000 each are available to support projects lasting up to three years. Applications must include collaborations between 1) an institution of higher education, academic research center, teaching hospital, or a tribal government or organization, among others; 2) a community-based minority serving organization; and 3) a local social service, support service and/or behavioral treatment organization. An organizational partner may fill one or two of these three roles.

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

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Rehabilitation Engineering Research Centers (RERC) Program: RERC on Information and Communication Technologies Access  
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking proposals for research and development toward innovative technologies and strategies that will make information and communication technologies optimally accessible and usable for people with disabilities through a collaborative Rehabilitation Engineering Research Center mechanism.

Applications are due April 12, 2019. One award of \$925,000 is anticipated.

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

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Rehabilitation Research and Training Center (RRTC) on Improving Employment Outcomes for People with Psychiatric Disabilities  
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking proposals to conduct research, training, technical assistance, and related activities to contribute to improved employment outcomes of adults with psychiatric disabilities through a collaborative Rehabilitation Research and Training Center.

Applications are due April 13, 2019. Approximately \$875,000 is available to fund one award.

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

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Systems-level Approach to Improving Health Outcomes for HIV-positive State Prison Inmates Released to the Community  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to develop effective, sustainable, and replicable program models that support continuity of HIV medical care for people with HIV released from state prisons into the community, with emphasis on linkage to and retention in community HIV medical care, adherence to HIV treatment, and suppression of HIV viral load.

Applications are due April 24, 2019. Approximately three awards are anticipated with a per-award ceiling of \$450,000 per year for four years.

LINKS: [Grants.gov](#)

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Advisory Committee on Heritable Disorders in Newborns and Children  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a web meeting of the Advisory Committee on Heritable Disorders in Newborns and Children to hear from experts in the fields of public health, medicine, heritable disorders, rare disorders, and newborn screening.

The web meeting will be held on March 22, 2019 from 10:00 a.m. to 3:00 p.m. ET. Advance registration is required.

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

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Enhancing the Incorporation of Patient Perspectives on Clinical Trials; Public Workshop; Request for Comments

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing a meeting entitled Enhancing the Incorporation of Patient Perspectives on Clinical Trials". The workshop will be convened by the Clinical Trials Transformation Initiative (CTTI).

The public workshop will be held March 18, 2019, from 9 a.m. to 5 p.m. at the Tommy Douglas Conference Center, 10000 New Hampshire Ave., Silver Spring, MD. Submit either electronic or written comments on this public workshop by May 20, 2019.

LINKS: [Federal Register](#)

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Office of the Director, National Institutes of Health; Notice of Meeting

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Office of Intramural Research

Notice announcing a meeting of the Board of Scientific Counselors Chairs for a discussion of policies and procedures that apply to the regular review of NIH intramural scientists and their work.

The meeting will be held on May 17, 2019 from 10:00 a.m. to 2:00 p.m. ET at the National Institutes of Health, 1 Center Drive, Building 1, 3rd Floor, Wilson Hall, Bethesda, MD.

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

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Request for Information for a Review of the NIH HIV AIDS Research Priorities and Guidelines for Determining AIDS Funding Document

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Office of AIDS Research

Notice seeking feedback from interested stakeholders on a review of the NIH HIV/AIDS Research Priorities and Guidelines for Determining AIDS Funding, now entering year four of implementation.

Responses are due April 13, 2019.

LINKS: [Federal Register](#), [Solicitation](#)

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2019 National Fish Habitat Action Plan

Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to support and promote public access to recreational fishing opportunities and

the sustainable use of other natural resources.

Application due dates vary based on geographic location. Contact local FHP to determine submittal deadline. Approximately \$900,000 is available for 70 awards.

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

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

Notice seeking proposals 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. Systemic (or organizational) inequities may exist in areas such as policy and practice as well as in organizational culture and climate.

Required letters of intent are due May 15, 2019 and November 1, 2019. Required Preliminary proposals are due October 1, 2019 for IT-Preliminary proposals. Approximately \$30 million is available to support 18 to 38 awards.

Limited Submission: Institutions can submit one proposal to IT-Preliminary, Adaptation, OR Catalyst.

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

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FY19 Workshops Projects Announcement  
United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS)

Notice seeking to partner with, and support the efforts of, natural resource conservation partners and promote public awareness and implementation of Farm Bill activities including, but not limited to, conducting conservation outreach workshops, conferences, and training, that will help educate Missouri's farm community, private landowners, conservation organizations, cooperating agencies, and general citizenry. Proposals must be for projects based in Missouri and focus on Farm Bill conservation. Collaborative projects that provide on-the-ground support for Missouri NRCS Field Offices are highly encouraged. Research proposals will not be accepted, nor considered as part of this announcement.

Proposals are due April 15, 2019. Approximately \$800,000 is available for 15 awards.

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

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Growing Convergence Research  
National Science Foundation (NSF)

Notice seeking proposals for solving vexing research problems—in particular, complex problems focusing on societal needs. It entails integrating knowledge, methods, and expertise from different disciplines and forming novel frameworks to catalyze scientific discovery and innovation. Proposals are due May 8, 2019, February 3, 2020, and First Monday in February, annually thereafter. Approximately \$12 million is available to support 10 awards.

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

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Harnessing the Data Revolution: Transdisciplinary Research in Principles of Data Science Phase I  
National Science Foundation (NSF)

Notice seeking applications to compete for funds as a part of NSF's Harnessing the Data Revolution (HDR) Big Idea, a national-scale activity to enable new modes of data-driven discovery that will allow fundamental questions to be asked and answered at the frontiers of science and engineering. Priority areas include:

Foundations of data science; Algorithms and systems for data science; Data-intensive science and engineering; Data cyber infrastructure; and Education and workforce development.

Required letters of intent are due March 25, 2019. Applications are due April 24 - May 8, 2019. Approximately \$1.5 million is available, per award, for up to 20 awards to support projects lasting up to three years.

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

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Human Landing System - Studies, Risk Reduction, Development and Demonstration  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals addressing Human Landing System descent, transfer vehicles, and refueling.

Proposals are due March 25, 2019. Multiple awards are anticipated ranging from \$300,000 to \$9 million. An industry Day will be held to provide information to potential applicants on February 14, 2019 with agenda and further information to be posted at <https://www.nasa.gov/nextstep/humanlander>.

LINKS: [FBO](#)

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NASA Broad Agency Announcement Entitled Future Investigators in NASA Earth and Space Science and Technology (FINESST)  
National Aeronautics and Space Administration (NASA), Science Mission Directorate (SMD)

Notice announcing an extended deadline for colleges and universities to submit applications to the NASA program FINESST, due to the recent government shutdown. Applicants should submit a graduate student-initiated and/or designed research project that contributes to SMD's science, technology, and exploration goals. Each project will have a Principal Investigator and the participating graduate student on an awarded project will be a "Future Investigator."

Applications are now due March 11, 2019 (previously February 1, 2019). Multiple awards of up to \$135,000 are anticipated in order to support projects lasting up to three years.

LINKS: [FBO](#)

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ROSES 2018: Planetary Protection Research  
National Aeronautics and Space Administration (NASA)

Notice seeking applications for NASA Research Announcement (NRA) a program within the ROSES omnibus, a funding opportunity filled with many individual program elements, with each program having its own due date and focus area. All together these cover the wide range of basic and applied supporting research and technology in space and Earth sciences supported by the Science Mission Directorate.

Notices of intent are due April 12, 2019. Proposals are due May 10, 2019. Approximately Awards range from under \$100K to more than \$1 million annually for multiple awards to support projects lasting up to three years.

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

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Space Propulsion Research and Innovation For Neutralizing Satellite Threats (SPRINT) Broad Agency Announcement (BAA)  
Department of Defense (Defense), Air Force Materiel Command

Notice seeking proposals to improve the utility of spacecraft propulsion technology for resiliency applications. This includes, but is not limited to, a broad range of technologies, different degrees of

development efforts, ground and/or space experiments, studies, and modeling and simulation activities. Topic areas of specific interest include: chemical thrusters, electric propulsion thrusters, multi-mode thrusters, plume phenomenology, thruster interactions with spacecraft systems, and the mission utility of propulsion research concepts and any associated operational constructs and/or architectures.

White paper proposals may be submitted on a rolling basis for five years to AFTC.SPRINT.BAA@us.af.mil. Multiple awards are anticipated, ranging from \$100,000 to \$10 million.

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

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Translational Research Innovative Application Discovery (TRIAD)  
Army (Army), Department of Defense (Defense), Army Research Laboratory (ARL)

Notice seeking white paper proposals for a new section, Ila9, added to a previous ARL broad agency announcement FBO no. W911NF-17-S-0003, for new technologies and translational research-based approaches that support the identification, alignment, and exploitation of applied research and technology congruent with the Army's mission. Topic areas include autonomous platforms; artificial Intelligence and machine Learning; data visualization and synthetic environments; assured position, navigation, and timing; power generation and management technologies; sensing; communications and networks; computation; space; internet of things, quantum technology, signature reduction, protection, human performance, and underpinning methodologies.

White paper proposals are due March 8, 2019 and must be sent to usarmy.adelphi.rdecom-arl.mbx.aal-baa-whitepaper-submissions@mail.mil. Multiple awards are anticipated to support projects lasting up to two years with the potential for up to three additional years.

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

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DHS Data Privacy and Integrity Advisory Committee  
Department of Homeland Security (Homeland Security)

Notice announcing a meeting of the Federal Advisory Committee to review and vote on the Policy Subcommittee's report to the Department providing recommendations on privacy considerations in biometric facial recognition technology.

The meeting will be held February 26, 2019, via teleconference and an online forum (URL will be posted on the Privacy Office website in advance of the meeting at [www.dhs.gov/privacy-advisory-committees](http://www.dhs.gov/privacy-advisory-committees)).

LINKS: [Federal Register](#)

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Homeland Security Advisory Council  
Department of Homeland Security (Homeland Security), Office of Partnership and Engagement

Notice announcing a meeting of the Office of Partnership and Engagement to receive briefings from senior officials and receive progress updates from the CBP Families and Children Care Panel, Countering Foreign Influence, Emerging Technologies, and the State, Local, Tribal, and Territorial Cybersecurity Subcommittees.

The meeting (teleconference) will be held on February 28, 2019 from 2:00 p.m. to 4:00 p.m. ET. Members of the public must contact Mike Miron to register before February 26, 2019. Attendees will be in listen-only mode.

LINKS: [Federal Register](#)

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Renewable Energy and Energy Efficiency Advisory Committee; Meeting  
Department of Commerce (Commerce), International Trade Administration (ITA)

Notice announcing a meeting of the Renewable Energy and Energy Efficiency Advisory Committee to discuss major issues affecting the competitiveness of the U.S. renewable energy and energy efficiency industries, hold subcommittee work sessions to discuss draft recommendations, and hear about new U.S. government financing initiatives.

The meeting will be held February 28, 2019 from 9:00 a.m. to 5:00 p.m. at the U.S. Department of Commerce Herbert C. Hoover Building in Washington, DC. To register, contact Victoria Gunderson at [Victoria.Gunderson@trade.gov](mailto:Victoria.Gunderson@trade.gov).

LINKS: [Federal Register](#)

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FHWA Federal Outdoor Impact Laboratory (FOIL)  
U.S. Department of Transportation (DOT), Federal Highway Administration (FHWA)

Notice seeking information from potential partners to join DOT in a mutually beneficial no-cost contract/agreement. The contract will act as the mechanism for operating and maintaining FOIL, creating finite element models, and conducting roadside hardware simulations as well as research needed to meet the goals of the Roadside Departure Roadmap Team. FOIL aims to advance public knowledge of highway crashes and their effects; develop and apply tools for detailed analyses; and evaluate innovative designs for roadways and roadside hardware to prevent crashes or reduce their effects.

Email responses to the contact by February 28, 2019. All responses and questions sent to the contact must include "FHWA FOIL RFI" in the subject line.

LINKS: [FBO](#)

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Rotorcraft Technology Development  
National Aeronautics and Space Administration (NASA), Ames Research Center

Notice seeking capability statements demonstrating expertise and experience in the following technical performance areas: Advanced Rotorcraft Technologies; Flight Controls and Health Management; and Rotorcraft Research Testing.

Submit capability statements by March 7, 2019.

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

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A Science of Science Policy Approach to Analyzing and Innovating the Biomedical Research Enterprise  
Directorate for Social, Behavioral & Economic Sciences (SBE), National Institutes of Health (NIH),  
Department of Health and Human Services (HHS), National Science Foundation (NSF)

Notice seeking proposals that will propel our understanding of the biomedical research enterprise by drawing from the scientific expertise of the science of science policy research community. Therefore, NIGMS and SBE are partnering to enable collaboration in research between the SciSIP program and NIGMS. This partnership will result in a portfolio of high-quality research to provide scientific analysis of important aspects of the biomedical research enterprise and efforts to foster a diverse, innovative, productive and efficient scientific workforce, from which future scientific leaders will emerge.

Full proposals are due May 8, 2019, September 9, 2019 and February 10, 2020. Approximately \$2 million is available for up to eight awards.

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

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Cyberinfrastructure for Sustained Scientific Innovation (CSSI): Elements and Framework Implementations Directorate for Biological Sciences (BIO), Directorate for Computer & Information Science & Engineering (CISE), Directorate for Education & Human Resources (EHR), Directorate for Engineering (ENG), Directorate for Geosciences (GEO), Directorate for Mathematical & Physical Sciences (MPS), Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking to enable funding opportunities that are flexible and responsive to the evolving and emerging needs in cyberinfrastructure. This program continues the CSSI program by removing the distinction between software and data elements/framework implementations, and instead emphasizing integrated cyberinfrastructure services, quantitative metrics with targets for delivery and usage of these services, and community creation. The CSSI umbrella program anticipates four classes of awards: Elements, Framework Implementations, Planning Grants for Community Cyberinfrastructure and Community Cyberinfrastructure Implementations.

Full proposals are due April 8, 2019 and November 1, 2019. Approximately \$46.5 million is available for 35 awards.

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

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Cyber-Physical Systems  
National Science Foundation (NSF)

Notice seeking proposals to develop the core research needed to engineer these complex cyber-physical systems, some of which may also require dependable, high-confidence, or provable behaviors. Core research areas of the program include control, data analytics, autonomy, design, information management, internet of things, mixed initiatives including human-in- or on-the-loop, networking, privacy, real-time systems, safety, security, and verification.

Applications are due April 12, 2019. Multiple awards are anticipated. Award ceilings are \$500,000 for small projects and \$1.2 million for medium projects.

LINKS: [Grants.gov](#)

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Data Science for Discovery in Chemical and Materials Sciences  
Department of Energy (Energy), Office of Science

Notice announcing opportunity for research with a focus on applying data science approaches and tools for experimental, theoretical/computational, or synergistic experimental/theoretical/computational research in areas supported by BES. Although the research may involve the development of new data science approaches, the focus of the effort should be on advancing understanding of fundamental properties and processes in chemical and materials systems.

Required pre-applications are due March 8, 2019. Applications are due May 15, 2019. Approximately \$20 million is available for 15 awards.

LINKS: [Grants.gov](#)

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Defense Production Act Title III Space Industrial Base Next Generation Reaction Wheels  
Department of Defense (Defense)

Notice seeking proposals to develop the next generation of reaction wheel assembly technology, which provides spacecraft with attitude control torque and angular momentum management functions.

Optional letters of intent are due February 18, 2019. Applications are due March 22, 2019. Approximately \$6 million is available for up to two awards requiring 1:1 cost share.

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

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#### EHR Core Research

Directorate for Education & Human Resources (EHR), National Science Foundation (NSF)

Notice seeking proposals for the EHR Core Research: Production Engineering Education and Research (ECR: PEER) initiative to support foundational research arising from the design, development, and deployment of creative online curricula that provide learners at various levels with skills in five focal areas: model-based systems engineering, software engineering, mechatronics, data science, and artificial intelligence. Funding is available of two types of projects. ECR: PEER Course, Curriculum, and Evaluation proposals are sought to design, develop, deploy, and study the effectiveness of online courses in any one of these focal areas using the theories and tools of the learning sciences. ECR: PEER Workforce Development Workshops are sought to convene experts in the academic, for-profit and non-profit sectors to imagine the future of production engineering education in one of the five focal areas.

Proposals are due May 15, 2019. Approximately five ECR: PEER Course, Curriculum, and Evaluation awards of up to \$2 million each are available to support projects lasting up to three years. Approximately five ECR: PEER Workforce Development Workshops awards of up to \$100,000 are available to support projects lasting up to one year.

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

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#### Farm Business Management and Benchmarking RFA

National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice announcing funds for improving the farm management knowledge and skills of agricultural producers by maintaining and expanding a national, publicly available farm financial management database to support improved farm management.

Applications are due April 9, 2019. Approximately \$1.3 million is available for six awards.

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

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#### FY2019 Research Opportunities in Accelerator Stewardship

Department of Energy (Energy)

Notice seeking proposals for research opportunities in accelerator stewardship, which supports fundamental accelerator science and technology development of relevance to many fields beyond High Energy Physics and to disseminate accelerator knowledge and training to the broad community of accelerator users and providers.

Applications are due April 23, 2019. Multiple awards are anticipated with a per-award ceiling of \$300,000.

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

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#### Genomics-Enabled Plant Biology for Determination of Gene Function

Department of Energy (Energy), Office of Science

Notice seeking applications focused on genomics-based research and technological innovation that will lead to transformative approaches to determine and validate gene function.

Required pre-applications are due March 13, 2019. Applications are due May 17, 2019. Up to \$30 million is available to support 10 to 12 awards for three years.

LINKS: [Grants.gov](#)

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Guaranteeing AI Robustness against Deception (GARD)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals in the area of theoretical foundations, principled algorithms, and evaluation frameworks to enable machine learning systems to be robust against adversary deception.

Applications are due April 11, 2019. Multiple awards are anticipated.

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

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Harnessing the Data Revolution (HDR): Institutes for Data-Intensive Research in Science and Engineering - Frameworks (I-DIRSE-FW)  
National Science Foundation (NSF)

Notice announcing a national-scale activity to enable new modes of data-driven discovery that will allow fundamental questions to be asked and answered at the frontiers of science and engineering. Through this NSF-wide activity, HDR will generate new knowledge and understanding, and accelerate discovery and innovation. The HDR vision is realized through an interrelated set of efforts in: foundations of data science; algorithms and systems for data science; data-intensive science and engineering; data cyberinfrastructure; and education and workforce development.

Full proposals are due May 7, 2019. Approximately \$21 million is available for up to 10 awards.

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

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Project to Develop and Distribute High School Curricula Materials that Reflect the Redefinition of the International System of Units (SI)  
National Institute of Standards and Technology (NIST), Department of Commerce (Commerce)

Notice seeking applications for the development, production and distribution of science and/or mathematics curricula resources for high school classrooms that reflect the recent redefinition of units within the international system of measurement (also called the metric system or SI).

Applications are due March 6, 2019. Approximately \$200,000 is available to support one award for 12 months.

LINKS: [Grants.gov](#)

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Quantum Information Science Enabled Discovery (QuantISED) for High Energy Physics  
Department of Energy (Energy)

Notice seeking interdisciplinary applications for Pioneering Pilots proposing open scientific research on QuantISED to understand how the universe works at its most fundamental level. Applications must address one of the following five topics: Cosmos and Qubits, Foundational Quantum Information Science-High Energy Physics Theory and Simulations(QIS-HEP), Quantum Computing for HEP, QIS-based Quantum Sensors, Research Technology for QIST.

Required letters of intent are due March 5, 2019. Invited applications are due April 16, 2019. Multiple awards of up to \$500,000 are available to support projects lasting up to two years. Applications may be submitted by single institutions or consortia.

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

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#### Signals in the Soil

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

Notice seeking collaborative multi-disciplinary proposals for convergent research that transforms existing capabilities in understanding dynamic, near-surface soil processes through advances in sensor systems and modeling. Proposals should use novel sensors and/or sensing systems of multiple modalities that are adaptable to different environments and collect data and report on a wide range of chemical, biological and physical parameters. This program is a collaboration of NSF, USDA NIFA, and United Kingdom Research and Innovation (UKRI).

Proposals are due May 15, 2019. Each proposal must have at least one eligible collaborator from the United States and one eligible collaborator from the United Kingdom, with the Lead PI being the U.S. collaborator. Only U.S. collaborators can be listed as a PI or a co-PI. The U.K. collaborator(s) must be listed as non-funded Senior Personnel. Approximately \$800,000 is available per project for the U.S. portion of the award and up to £800,000 per project for the U.K. portion to support projects lasting up to three years. Awards may be funded by NSF, USDA NIFA, or UKRI.

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

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#### Systems Biology Enabled Research on the Roles of Microbiomes in Nutrient Cycling Processes Department of Energy (Energy), Office of Science

Notice seeking applications for systems biology studies on regulatory, metabolic, and signaling networks of microbes, microbial consortia, and microbe-plant interactions involved in biogeochemical cycling of nutrients; and development and application of –omics approaches to investigate microbial community processes involved in biogeochemical nutrient cycling in terrestrial ecosystems.

Required pre-applications are due March 13, 2019. Applications are due May 17, 2019. Approximately \$36 million is available to support 10 to 12 awards for three years.

LINKS: [Grants.gov](#)

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#### Astronomy and Astrophysics Advisory Committee National Science Foundation (NSF)

Notice announcing a meeting of the Astronomy and Astrophysics Advisory Committee. The purpose of the meeting is to provide advice and recommendations to the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA) and the U.S. Department of Energy (DOE) on issues within the field of astronomy and astrophysics that are of mutual interest and concern to the agencies.

The meeting will be held February 25, 2019; 9:00 a.m.-5:00 p.m.; February 26, 2019, 9:00 a.m.-4:00 p.m. at the National Science Foundation, 2415 Eisenhower Avenue, Alexandria, VA, Room E2020.

LINKS: [Federal Register](#)

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#### Hydrogen and Fuel Cell Technical Advisory Committee; Meeting Department of Energy (Energy)

Notice announcing a meeting of the Hydrogen and Fuel Cell Technical Advisory Committee (HTAC) with

the following agenda: HTAC Business (including public comment period); DOE Leadership Updates; Program and Budget Updates; Updates from Federal/State Governments and Industry; HTAC Subcommittee Updates; and Open Discussion Period.

The meeting will be held on March 18, 2019 from 8:00 a.m. to 6:30 p.m. ET at the National Renewable Energy Laboratory, 901 D Street SW, Suite 930, Washington, DC.

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

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Secretary of Energy Advisory Board; Meeting  
Department of Energy (Energy)

Notice announcing a meeting of the Secretary of Energy Advisory Board to receive informational briefings and comments from the public.

The meeting will be held on March 5, 2019 from 9:00 a.m. to 12:00 p.m. ET at the Department of Energy, 1000 Independence Avenue SW, Room 8E-089, Washington, DC.

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

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Security Investments for Energy Infrastructure Technical Conference; Notice of Technical Conference  
Department of Energy (Energy)

Notice announcing a technical conference on Security Investments for Energy Infrastructure. The conference will address two high-level topics. The first topic will include discussion of types of current and emerging cyber and physical security threats. Specifically, the conference will explore factors that the private sector considers when evaluating energy infrastructure security threats and vulnerabilities, as well as the availability of resources and challenges associated with evaluating these issues. In addition, the conference will discuss cyber and physical security best practices and mitigation strategies.

The conference will be held on March 28, 2019 from 10:00 a.m. to 4:00 p.m. ET at 888 First Street NE, Washington, DC.

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