

## ARTS, HUMANITIES, and INTERNATIONAL

### 2020 Countering WMD Threats in Iraq

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to secure chemical and biological materials, dual-use equipment, technologies, expertise, and infrastructure to prevent their misuse by terrorists and other nefarious actors in Iraq.

Applications are due January 31, 2020. Approximately \$4 million is available.

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

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### 2020 CTR Countering the Proliferation of Advanced Conventional Weapons to States of Proliferation Concern

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to prevent proliferator states from selling destabilizing advanced conventional weapons to states of proliferation concern (e.g. Iran, Syria, Venezuela, etc.) that threaten U.S. national security and nonproliferation interests. Proliferator states use revenues generated from advanced conventional weapons sales to fund malign activities, increase their influence, and develop newer, even more deadly weapons for use against the U.S. homeland and allies.

Applications are due January 31, 2020. Approximately \$2.5 million is available.

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

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### 2020 CTR Enforcing Sanctions Against the DPRK's WMD Program

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice inviting proposals for projects that will advance the mission of the Department's Counter-Proliferation Program. The CTR sponsors foreign assistance activities funded by the Nonproliferation, Anti-terrorism, Demining and Related Programs (NADR) account, and focuses on mitigating proliferation risk in states and regions, such as Eastern Europe, South and Southeast Asia, South America, the Middle East, and Africa.

Applications are due January 31, 2020. Approximately \$18.9 million is available for multiple awards.

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

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### 2020 CTR Global Biosecurity Engagement Activities

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to mitigate global biological threats by minimizing the access of proliferator states and non-state actors to biological expertise, materials, and equipment that could be misused to conduct biological weapons (BW) attacks against the United States, U.S. allies, or U.S. interests abroad.

Applications are due January 31, 2020. Approximately \$10 million is available.

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

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### 2020 CTR Global Chemical Security Engagement Activities

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to secure and prevents the transfer of chemical weapons-related assets (such as chemicals, equipment, technologies, expertise, and infrastructure) to terrorist networks and proliferator states that may conduct chemical attacks. CSP also sponsors efforts to identify and address chemical security vulnerabilities and to detect and investigate early warning signs of chemical weapon (CW) production and attack planning.

Applications are due January 31, 2020. Approximately \$13.25 million is available.

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

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2020 CTR Global Nuclear Threat Reduction Activities

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to strengthen global norms against nuclear proliferation, and prevent states and terrorist groups from diverting, acquiring, or proliferating nuclear material, technology, or expertise that could be used to attack the United States.

Applications are due January 31, 2020. Approximately \$2 million is available.

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

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2020 CTR Reducing Resurgent State Weapons of Mass Destruction Threats

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to identify and disrupt efforts by resurgent proliferator states to develop and use chemical and biological weapons (CBW) capabilities.

Applications are due January 31, 2020. Approximately \$2 million is available.

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

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2020 CTR Securing WMD Expertise at Higher Education Institutions

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to enhance the capacity of higher education institutions to prevent the transfer of sensitive technology to proliferator states, such as the Democratic People's Republic of Korea (DPRK), Iran, the People's Republic of China (PRC), Russia, and Syria.

Applications are due January 31, 2020. Approximately \$2 million is available.

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

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2020 CTR Strengthening International Nonproliferation Norms

Department of State (State), Bureau of International Security-Nonproliferation (ISN); Office of Cooperative Threat Reduction (CTR)

Notice seeking applications to deter asymmetric WMD use, increase accountability, and disrupt malign influence campaigns.

Applications are due January 31, 2020. Approximately \$2 million is available.

LINKS: [Grants.gov](#)

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Digital Humanities Advancement Grants  
National Endowment for the Humanities (NEH), Office of Digital Humanities (ODH)

Notice seeking applications to support innovative, experimental, and/or computationally challenging projects at different stages throughout their lifecycles, from early start-up phases through implementation and sustainability. Experimentation, reuse, and extensibility are hallmarks of this program, leading to innovative work that can scale to enhance scholarly research, teaching, and public programming in the humanities. Proposals are welcome for digital initiatives in any area of the humanities.

Applications are due January 15, 2020 and June 30, 2020. Approximately \$4 million is available for multiple awards.

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

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

Notice announcing the availability of funding through its Public Diplomacy Grants Program. This is an annual request for Statements of Interest (SOI), outlining funding priorities, strategic themes, and procedures for submitting requests for funding.

Required statements of interest are due August 15, 2020. Full applications are by invitation only. Ten awards will be made for up to \$25,000 each.

LINKS: [Grants.gov](#)

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Annual Program Statement for Public Affairs Cultural and Educational Programs  
Department of State (State), U.S. Mission to Kyrgyzstan

Notice seeking proposals for programs that support one of the following goals: Counterterrorism and Security, Promoting Business and Free Markets, and Promoting Democracy and Stability.

Proposals are accepted on a rolling basis until August 23, 2020. Awards are up to \$120,000 each.

LINKS: [Grants.gov](#)

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U.S. Embassy Grants Program  
Department of State (State), Bureau of European and Eurasian Affairs

Notice announcing an open competition for organizations to submit applications to carry out projects that address one or more of the following key bilateral themes: Support Shared Security, Strengthen Economic Prosperity, Reinforce Democratic Values or Foster Turkish and U.S. Ties.

Applications are due January 21, 2020. Awards are up to \$80,000.

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

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U.S. Embassy Lebanon PAS Small Grants Annual Program Statement  
Department of State (State), U.S. Mission to Lebanon

Notice inviting proposals for programs that strengthen cultural ties between the United States and Lebanon through cultural and exchange programming that highlights engaging youth and empowering women. 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 for Small Grants are due any time through August 30, 2020. Proposal for Large Grants are due March 31, 2020. Approximately \$600,000 is available for awards.

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

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40th Meeting of the National Museum and Library Services Board  
Institute of Museum and Library Services (IMLS)

Notice announcing a meeting scheduled to discuss the following agenda: Director's Report, Office of Library Services Report, Office of Museum Services Report, Financial and Operations Report, Office of the Chief Information Officer Report, and Office of the General Counsel Report.

The meeting will be held December 5, 2019 from 9:00 a.m., ET to adjournment at Suite 4000, 955 L'Enfant Plaza North SW, Washington, DC. Register to attend with the contact.

LINKS: [Federal Register](#)

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Higher Education Partnerships Activities  
United States Agency for International Development (USAID), Malawi USAID-Lilongwe

Notice seeking Request for Information (RFI) to provide US and Malawi-based academia, industry, and other stakeholders the opportunity to review, comment, suggest, and input into the development of two potential USAID/Malawi activities that will involve partnerships between US and Malawian Higher Education Institutions (HEIs). The two potential activities will focus on: 1) expanding degree opportunities in Malawi; and 2) strengthening Science, Technology, Engineering and Math (STEM) in Higher Education.

Responses are due December 4, 2019.

LINKS: [Grants.gov](#)

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Request for Statements of Interest: CHINA PROGRAMS  
Department of State (State), Bureau of Democracy Human Rights and Labor (DRL)

Notice announcing a request for SOIs for programs that protect and promote human rights in China.

Statements of interest are due December 7, 2019.

LINKS: [Grants.gov](#)

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

Great Lakes Fish and Wildlife Restoration Act  
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking research, restoration, and Regional Project proposals for the restoration of the Great Lakes Basin fish and wildlife resources. The purpose of the Great Lakes Fish and Wildlife Restoration Act (GLFWRA) is to provide assistance to states, Indian Tribes, and other interested entities to encourage cooperative conservation, restoration and management of the fish and wildlife resources and their habitats in the Great Lakes Basin.

Required pre-proposals are due January 7, 2020. Approximately \$1.38 million is available for eight awards.

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

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Office of Minority Health and Health Equity Public Meeting on Strategies To Improve Health Equity Amidst the Opioid Crisis; Public Meeting  
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Office of Minority Health and Health Equity to discuss information and obtain the public's perspectives on the current opioid crisis and how it specifically affects racial and ethnic minority, underrepresented, and underserved populations across the country, approaches to prevent and treat opioid use disorder, and emerging research to improve care, and explore how FDA can support those efforts.

The meeting will be held November 21, 2019, from 9 a.m. to 4 p.m. ET at 1750 Rockville Pike, Rockville, MD.

LINKS: [Federal Register](#)

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Centers of Excellence at 1890 Institutions (1890 COEs)  
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking applications to fund Centers of Excellence to increase profitability and rural prosperity in underserved farming communities; address critical needs for enhanced international training and development; and increase diversity in the science, technology, engineering, agriculture and mathematics pipeline.

Required letters of intent are due December 6, 2019. Applications are due January 31, 2020. Approximately three awards of up to \$1.6 million are available to support projects lasting up to three years. Eligibility is limited to an individual or consortium of the nineteen 1890 land-grant institutions, including Tuskegee University. Grant recipients may subcontract to organizations not eligible to apply for the purpose of supporting the overall coordination and administration of the 1890 COEs.  
Limited Submission:  
One application per applicant.

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

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OVW FY 2020 Sexual Assault Forensic-Medical and Advocacy Services for Tribes (FAST) Initiative  
Office on Violence Against Women (OVW), Department of Justice (Justice)

Notice seeking applications designed to increase the availability of trained Sexual Assault Forensic Examiners (SAFEs) and trained sexual assault victim advocates (advocates) in tribal communities, including Alaska Native villages.

Encouraged letters of intent are due December 20, 2019. Applications are due January 10, 2020. Approximately \$7 million is available to support three or more awards for 30 months.  
Limited Submission:  
Only one application per applicant

LINKS: [Grants.gov](#)

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Bureau of Economic Analysis Advisory Committee  
Department of Commerce (Commerce), Economics and Statistics Administration

Notice announcing a meeting of the Bureau of Economic Analysis Advisory Committee. The meeting will address proposed improvements, extensions, and research related to BEA's economic accounts. In addition, the meeting will include an update on recent statistical developments.

The meeting will be held Friday, November 15, 2019. The meeting begins at 9:00 a.m. and adjourns at 3:30 p.m. at the Suitland Federal Center, 4600 Silver Hill Road, Suitland, MD.

LINKS: [Federal Register](#)

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U. S. Forest Service Resource Assistants Program National and Regional Level Cooperator  
United States Department of Agriculture (USDA), U.S. Forest Service

Notice seeking proposals outlining interest to become an approved national or regional cooperator organization (Cooperator). Proposals must demonstrate the organization's capability to administer appropriate recruitment and outreach for high-quality, diverse individuals; provide administrative oversight, tracking, and reporting; and, implement training and support as part of a Resource Assistants Program Community of Practice (CoP) with other Cooperators, partners, resource assistants, and Forest Service staff. The Resource Assistants Program is a rigorous and immersive, paid internship for individuals interested in Forest Service careers.

Proposals are due December 6, 2019. An information session will be held via webinar and teleconference November 15, 2019 from 2:00 p.m. to 3:30 p.m., ET. See the solicitation for details.

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

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Advisory Committee on Minority Veterans, Notice of Meeting  
Department of Veterans Affairs (VA)

Notice announcing meetings of the Advisory Committee on Minority Veterans. The purposes of the Committee are to advise the Secretary on the administration of VA benefits and services to minority Veterans; assess the needs of minority Veterans; and evaluate whether VA compensation, medical and rehabilitation services, outreach, and other programs are meeting those needs.

The meetings will occur December 3-5, 2019, at the Department of Veterans Affairs, 810 Vermont Avenue NW, Sonny Montgomery Conference Room 230, Washington, DC. Meeting will begin at 8:00 a.m. each day and end by 5:00 p.m.

LINKS: [Federal Register](#)

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Environmental Justice Collaborative Problem-Solving (EJCPS) Cooperative Agreement Program  
Environmental Protection Agency (EPA)

Notice seeking applications to fund projects that support community-based organizations in their efforts to collaborate and partner with local stakeholder groups (e.g., local businesses and industry, local government, medical service providers, and academia) as they develop and implement community-driven solutions that address environmental and/or public health issues for underserved communities.

Applications are due February 7, 2020. Approximately \$1.2 million is available for up to 10 awards (one award for each EPA Region) to support projects lasting up to two years.

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

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FY 2020 Community-based Restoration Program Coastal and Marine Habitat Restoration Grants  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)



Notice supporting habitat restoration projects that use an ecosystem-based approach to foster species recovery and increase populations under NOAA's jurisdiction. Proposals submitted under this solicitation will be primarily evaluated based on their ability to demonstrate how the proposed habitat restoration actions will: 1) help recover threatened and endangered species listed under the Endangered Species Act (ESA); 2) sustain or help rebuild fish stocks managed under the Magnuson-Stevens Fishery Conservation and Management Act; and/or 3) contribute to the sustainability of saltwater recreational fisheries.

Required pre-proposals are due January 8, 2020. Full proposals are due April 9, 2020. NOAA anticipates typical federal funding for awards will range from \$300,000 to \$1.5 million over one to three years. NOAA will not accept proposals with a request of less than \$75,000 or more than \$3 million total over three years.

LINKS: [Grants.gov](#)

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OVW FY 2020 Justice for Families Program Solicitation  
Office on Violence Against Women (OVW), Department of Justice (Justice)

Notice seeking applications to improve the response of the civil and criminal justice system to families with a history of domestic violence, dating violence, sexual assault, and stalking, or in cases involving allegations of child sexual abuse. The program supports the following activities for improving court and community response to these crimes: court-based and court-related programs; supervised visitation and safe exchange by and between parents; training for people who work with families in the court system; civil legal services; and the provision of resources in juvenile court matters.

Applications are due January 8, 2020. Optional letters of intent are due December 20, 2019. An information session is tentatively scheduled to be available December 4, 2019. Approximately \$11 million is available for up to 15 Standard awards of up to \$550,000 and 3 to 7 Comprehensive awards of up to \$650,000.

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

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Freedom of Information Act (FOIA) Advisory Committee; Meeting  
National Archives and Records Administration (NARA)

Notice announcing a meeting scheduled to discuss the work of the FOIA Advisory Committee's three subcommittees, focusing on records management, FOIA vision, and time/volume.

The meeting will be held December 6, 2019 from 10:00 a.m. to 1:00 p.m., ET, at NARA, 700 Pennsylvania Ave. NW, William G. McGowan Theater, Washington, DC. Register to attend by December 3, 2019 at <https://foia-advisory-committee-meeting.eventbrite.com/>.

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

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## HEALTH and MENTAL HEALTH

National Asian Language Tobacco Use and Dependence Treatment Support System  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to operate and promote a culturally-tailored, evidence-based nationwide quitline service for individuals who use tobacco and predominantly speak Chinese, Korean, and Vietnamese languages. Some subgroups of Asian Americans have a smoking prevalence that are higher in contrast to the general population, including men who predominantly speak Chinese, Korean, and Vietnamese (CKV) languages.

Applications are due January 7, 2020. Approximately \$1.8 million is available to support one award.

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

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Meeting of the National Advisory Council on Nurse Education and Practice  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing the 2020 meetings of the NACNEP. NACNEP provides advice and recommendations to the Secretary of HHS and Congress on policy issues related to the activities carried out under Title VIII of the Public Health Service (PHS) Act, including the range of issues relating to the nurse workforce, education, and practice improvement. NACNEP also prepares and submits an annual report to the Secretary of HHS and Congress describing its activities, including NACNEP's findings and recommendations concerning activities under Title VIII.

NACNEP meetings will be held (all in Eastern Time) on February 4, 2020, 8:30 a.m.-5:00 p.m., via webinar; May 12, 2020, 8:30 a.m.-5:00 p.m. and May 13, 2020, 8:30 a.m.-2:00 p.m., via in-person and webinar; August 11, 2020, 8:30 a.m.-5:00 p.m., via webinar; and December 2, 2020, 8:30 a.m.-5:00 p.m. and December 3, 2020, 8:30 a.m.-2:00 p.m., via in-person and webinar. In-person meetings will be held at 5600 Fishers Lane, Rockville, Maryland 20857. Instructions for joining the meetings either in person or remotely will be posted on the NACNEP website listed above 30 business days before the date of the meeting.

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

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Building Population Health Research Capacity in the U.S. Affiliated Pacific Islands (U24 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Minority Health and Health Disparities (NIMHD)

Notice seeking applications to establish collaborations among diverse partners to: 1) build capacity of organizations in the US-Affiliated Pacific Islands (USAPI) to conduct population health research, and (2) support population health research projects that will provide novel data for USAPI populations and serve as the foundation for future research efforts.

Annual applications are due July 15, 2020 through July 16, 2022. The budget and number of awards are contingent upon NIH appropriations, however, direct costs are limited to \$400,000 annually (excluding consortium facilities and administrative costs) to support projects lasting up to five years.

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

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Cancer Center Support Grants (CCSGs) for NCI-designated Cancer Centers (P30 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to capitalize on all institutional cancer research capabilities, integrating meritorious research into a single transdisciplinary research enterprise across all institutional boundaries. Cancer Centers supported through this FOA are expected to serve as major sources of discovery of the nature of cancer and of development of more effective approaches to prevention, diagnosis, and therapy; to contribute significantly to the development of Shared Resources that support research; to collaborate and coordinate their research efforts with other NCI-funded programs and investigators; and to disseminate research findings for the benefit of the community.

Applications are due annually on January 25, May 25, and September 25.

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

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Measuring and Advancing Soldier Tactical Readiness and Effectiveness



Army (Army), Department of Defense (Defense), Futures Command

Notice seeking capability statements on emerging technologies that have a demonstrated ability to measure Soldier physiological, physical, or cognitive metrics, processes, or performance while in operationally relevant training environments. Sensor technologies with a demonstrated ability to measure squad performance measures and metrics are of interest.

Responses are due December 9, 2019.

LINKS: [FBO](#)

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Assessing the Burden of Diabetes By Type in Children, Adolescents and Young Adults (DiCAYA)  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to assess the incidence and prevalence of diabetes among children, adolescents and young adults in the United States and provide estimates by diabetes type, age, sex, race/ethnicity and geographic area.

Optional letters of intent are due December 9, 2019. Applications are due January 14, 2020. Approximately \$15 million is available for 11 awards.

Limited Submission: Only one application per institution

LINKS: [Grants.gov](#)

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NCI Small Grants Program for Cancer Research for Years 2020, 2021, and 2022 (NCI Omnibus R03  
Clinical Trial Optional)

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

Notice announcing small research projects on cancer that can be carried out in a short period of time with limited resources. The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology.

Applications are due February 24, June 24, and October 20 annually through January 8, 2023. Award amounts are up to \$50,000 each year for two years.

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

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NIDCR Small Research Grants for Analyses of Existing Genomics Data (R03-R01 Clinical Trial Not  
Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Dental and Craniofacial Research (NIDCR)

Notice seeking applications to support for meritorious research projects that address research questions relevant to human dental, oral, or craniofacial (DOC) conditions or traits through analysis of existing and publicly available genomics data using statistical and computational approaches.

R03 applications are due annually on February 16, June 16, and October 16. R01 applications are due annually on February 5, June 5, and October 5.

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

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Eunice Kennedy Shriver National Institute of Child Health & Human Development; Notice of Meeting

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

Notice announcing open portion of a meeting to listen to the status of the NICHD Division of Intramural Research, talks by various intramural scientists, and information about the current organizational structure.

The meeting will occur on December 6, 2019 from 8:30 a.m. to 11:45 a.m. at the National Institutes of Health, Building 31A, 31 Center Drive, Room 2A48, Bethesda, MD 20892.

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

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Request for Public Comments on a DRAFT NIH Policy for Data Management and Sharing and Supplemental DRAFT Guidance  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), Office of Science Policy

Notice seeking public comments on a Draft NIH Policy for Data Management and Sharing and supplemental draft guidance, which is intended to promote effective and efficient data management and make results and accomplishments of NIH funded research available to the public.

Submit comments on the Agency Site by January 10, 2020.

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

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Assessing the Effects of Cannabinoids on HIV-Induced Inflammation (R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications that encourage basic science and preclinical research to determine the biological mechanisms underlying the effects of cannabinoids and the endocannabinoid system on HIV-associated persistent inflammation and its consequent effects on nervous system function. Projects submitted in response to this FOA must include expertise and resources in both areas of HIV/AIDS and addiction science.

Optional letters of intent are due February 11, 2020. Applications are due March 11, 2020. Approximately \$2 million is available for up to six awards.

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

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Dysregulation and Proximal Risk for Suicide (Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking research applications that will address information gaps by providing an understanding of the mechanisms of how dysregulation interacts with Cognition and Negative and Positive Valence in order to determine time-varying risk, and then to identify modifiable targets for timely interventions during high-risk periods.

Optional letters of intent are due January 13, 2020. Applications are due February 13, 2020. Approximately \$4 million is available for up to 10 awards.

LINKS: [Grants.gov \(R01\)](#), [Grants.gov \(R21\)](#), [Solicitation \(R01\)](#)

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Impact of Alcohol on the Onset and Progression of Alzheimer's Disease and Its Related Dementias (R01 - Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Alcohol Abuse and Alcoholism (NIAAA); National Institute on Aging (NIA)

Notice seeking applications for funding to support basic and clinical research on the influence of alcohol on susceptibility and progression of Alzheimer's disease and its related dementias.

Optional letters of intent are due February 24, 2020. Applications are due March 24, 2020. Approximately \$3 million is available for three to eight awards to support projects lasting up to five years.

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

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Leadership Award for Alzheimer's Disease and Related Dementias Research (R35 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice inviting applications to develop and implement innovative multidisciplinary research and mentoring programs through an interchange of ideas that enable individuals and their institutions to strengthen existing programs and the development of new research programs that are specific to the goals/milestones of the NIH Alzheimer's Disease and Alzheimer's Disease Related Dementias Summits.

Optional letters of intent are due May 19, 2020. Applications are due June 19, 2020. Approximately \$5 million is available for up to 10 awards.

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

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NEI Center Core Grant for Vision Research (P30 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Eye Institute (NEI)

Notice seeking applications to combine combine three or more Resource and/or Service Cores for a group of R01 investigators to enhance their research, consolidate resources, avoid duplication of efforts, and/or contribute to cost effectiveness by providing a service with lower costs or higher quality than could be attempted for independent projects by several individual program directors/principal investigators.

Applications are due September 30, 2020; September 30, 2021; and September 30, 2022. The program expires October 1, 2022. Institutions with 8 to 19 eligible grants may request up to \$2 million and those with 20 or more may request up to \$2.5 million to support projects lasting up to five years.

Limited Submission:

One application per institution.

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

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NINDS Postdoctoral Mentored Career Development Award

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

Notice seeking applications to support the ability of outstanding, mentored postdoctoral researchers to develop a potentially impactful research project with a comprehensive career development plan that will enable them to launch an independent research program. Candidates are encouraged to apply for support from this NINDS K01 any time between the second through fourth year of cumulative mentored postdoctoral research experience. By the end of the proposed K01 award period, the candidate should be poised to begin an independent research career with a well-developed, impactful research project and the expertise required to become a leader in the field.

Applications are due February 12, June 12, and October 12 annually through January 8, 2023.

LINKS: [Grants.gov \(No Independent Clinical Trial Allowed\)](#), [Grants.gov \(Clinical Trial Required\)](#), [Solicitation \(No Independent Clinical Trial Allowed\)](#)

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Pilot Projects Enhancing Utility and Usage of Common Fund Data Sets (R03 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals for innovative research to enhance the utility and usability of selected common fund data sets. A range of project types can be funded including the following: Conducting pilot or feasibility studies based on analyses across Common Fund datasets; Building synthetic cohorts, combining and comparing datasets; Developing research methods, or analytic tools to support data visualization, harmonization and integration; Curating and or annotating genomic information in the datasets; and Collecting additional phenotypic or clinical data to enhance datasets.

Optional letters of intent are due 30 days before the application deadline. Applications are due February 19, 2020. Approximately \$2 million is available for five to eight awards to support projects lasting up to one year.

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

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Program to Assess the Rigor and Reproducibility of Extracellular Vesicle-Derived Analytes for Cancer Detection (R01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to fund research projects that focus on innovative research in the isolation and characterization of extracellular vesicles and their cargo for discovery of predictive biomarkers for risk assessment, detection, diagnosis and prognosis of early cancer.

Applications are due February 5, June 5, and October 5 annually. The program expires January 8, 2023.

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

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Research to Action: Assessing and Addressing Community Exposures to Environmental Contaminants (R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS)

Notice encouraging multidisciplinary project applications to investigate the potential health risks of environmental exposures of concern to a community and to implement an environmental public health action plan based on research findings. Projects supported under this program are expected to employ community-engaged research methods to not only conduct research but also to seamlessly translate research findings into public health action.

Optional letters of intent are due December 21, 2019. Applications are due January 21, 2020 and December 4, 2020. Approximately \$2 million is available for up to five awards.

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

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Transgender People: Immunity, Prevention, and Treatment (R21 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 proposals to support hypothesis-generating research in transgender people with the objective of characterizing the biological and immunological impact of the interventions (hormones, drugs

and surgical) used for gender reassignment and their impact on susceptibility to HIV and other sexually transmitted infections.

Applications are due May 11, 2020 and May 11, 2021. The program expires May 12, 2021. Approximately \$1 million is available for two to five awards to support projects lasting up to two years.

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

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Addressing Systems Challenges through Engineering Teams  
Directorate for Engineering (ENG), National Science Foundation (NSF), Division of Electrical, Communications and Cyber Systems

Notice seeking proposals from its engineering community the opportunity to address research issues and answer engineering challenges associated with complex systems and networks that are not achievable by a single principal investigator or by short-term projects and can only be achieved by interdisciplinary research teams.

Required letters of intent are due January 7, 2020. Proposals are due February 19, 2020. Approximately \$6 to \$6.5 million is available to support four to six awards.

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

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Air Superiority Technology Broad Agency Announcement  
Department of Defense (Defense)

Notice announcing opportunities for the Air Force Research Laboratory Munitions directorate (AFRL/RW) in support of Air Superiority Technology. This BAA is intended to cover Applied Research, Advanced Technology Development and Advanced Component Development & Prototypes. This BAA does NOT cover Basic Research.

The BAA is open until October 31, 2024 unless superseded. Number of awards and award amounts may vary.

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

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Combating Terrorism Technical Support Office Broad Agency Announcement (Baa)  
Navy (Navy), Department of Defense (Defense)

Notice seeking concepts for innovative research and development projects in the following mission areas: Chemical, Biological, Radiological, Nuclear, and Explosive (CBRNE); Investigative and Forensic Science (IFS); and Personnel Protection (PP).

Applications are due December 6, 2019. Number of awards and award amounts may vary.

LINKS: [FBO](#), [Solicitation](#)

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FY 2020 Continuation of Solicitation for the Office of Science Financial Assistance Program  
Department of Energy (Energy), Office of Science

Notice seeking applications for support of work in the following program areas: Advanced Scientific Computing Research, Basic Energy Sciences, Biological and Environmental Research, Fusion Energy Sciences, High Energy Physics, and Nuclear Physics.

Applications are due any time until September 30, 2020.

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

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NSF Directorate for Engineering - UKRI Engineering and Physical Sciences Research Council Lead Agency Opportunity  
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking proposals to reduce some of the barriers that researchers currently encounter when working internationally. The ENG-EPSRC Lead Agency Opportunity will allow US and UK researchers to submit a single collaborative proposal that will undergo a single review process. Proposals will be accepted for collaborative research in areas at the intersection of CBET, CMMI, and/or ECCS with the EPSRC Engineering, ICT and/or Manufacturing the Future Themes. Proposers choose either NSF or EPSRC to serve as the "lead" agency to review their proposal. The non-lead agency will honor the rigor of the review process and the decision of the lead agency.

Proposals are accepted at any time. Approximately \$6 million is available for up to 10 awards.

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

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NWS Office of Science and Technology Integration: Unified Forecast System  
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce), National Weather Service (NWS)

Notice seeking proposals for research projects and application of modeling procedures that have the potential to be incorporated into NOAA's operational Numerical Weather Prediction (NWP) analyses and forecasts.

Encouraged letters of intent are due December 6, 2019. Proposals are due February 7, 2020. Approximately \$2.8 million per year is available to support 12 to 15 awards.

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

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ROSBio Appendix D: Solicitation of Proposals for Flight and Ground Space Biology Research  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals that will increase NASA's understanding of how living systems acclimate to spaceflight to support human space exploration. The solicited research will fall into the following three research topics: Microbiology studies that will produce new understanding of how microbiological organisms and/or communities acclimate to, evolve, and/or behave in the spaceflight environment; Plant Biology studies in support of Human Space Exploration making use of the ISS capabilities to study environmental effects on plant growth and interactions with microbes and fungi; and Animal Biology (vertebrate and invertebrate) experiments that lead to the characterization of organ systems, behavioral adaptations, and the underlying cellular and molecular mechanisms of phenotypic changes within tissues and between physiological systems.

Required Step1 proposals are due December 2, 2019. Step 2 proposals are by invitation only. Approximately \$7.76 million is available for awards.

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

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ROSES 2019: Future Investigators in NASA Earth and Space Science and Technology  
National Aeronautics and Space Administration (NASA)



Notice seeking proposals for graduate student-designed and performed research projects that contribute to SMD's science, technology and exploration goals.

Proposals are due by February 4, 2020. Optional Pre-proposal teleconference will be held December 2, 2019 from 1:00 to 2:30 p.m. ET. Selected proposals will be funded by the relevant SMD program.

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

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Understanding the Rules of Life: Epigenetics  
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking proposals to enable innovative research and to promote multidisciplinary education and workforce training in the broad area of epigenetics.

Required letters of intent are due December 20, 2019. Proposals are due February 6, 2020. Approximately \$12 to \$15 million is available to support 5 to 10 awards.

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

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Technical Advisory Committee; Notice of Meeting and Agenda  
Department of Labor (Labor)

Notice announcing a meeting of the Bureau of Labor Statistics Technical Advisory Committee to discuss the future of the National longitudinal surveys, potential of standardizing the task data in ORS, and other business matters.

The meeting will be held November 22, 2019 from 9:00 a.m. to 4:00 p.m. ET in the Postal Square Building at 2 Massachusetts Avenue NE, Washington, DC.

LINKS: [Federal Register](#)

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Request for Information - HBCU-MI Networked Command, Control and Communications Capabilities  
Department of Defense (Defense)

Notice seeking interest in assessing the research capabilities of Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MI) in the area of networked command, control, and communications. Based on the responses to this RFI, the Department of Defense (DoD) may issue a funding opportunity call against the HBCU/MI Research and Education Program BAA.

Responses are due December 12, 2019.

LINKS: [Grants.gov](#)

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Fiscal Year (FY) 2020 Request for Applications from Indian Tribes and Intertribal Consortia for Nonpoint Source Management Grants Under Clean Water Act Section 319  
Environmental Protection Agency (EPA)

Notice seeking applications from eligible tribes and intertribal consortia to develop and/or implement watershed-based plans and implement watershed projects that will result in significant steps towards solving Nonpoint Source (NPS) impairments on a watershed-wide basis. Eligible entities are strongly encouraged to submit applications that develop and/or implement watershed-based plans designed to restore NPS-impaired waters and protect waters from NPS pollution.

Applications are due December 20, 2019. Questions are due December 2, 2019 and responses will be posted on the Agency Site. Approximately \$2.5 million is available for awards of up to \$100,000. A 40 percent non-federal cost share/match is required.

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

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FY2020 Department of Navy (DoN) Historically Black Colleges and Universities Minority Institutions (HBCU MI) Program

Department of Defense (Defense), Office of Naval Research (ONR)

Notice seeking applications to conduct basic and applied research, and increases the quality and quantity of science, technology, engineering and mathematics (STEM) programs with a focus on minority researchers and graduates.

Application deadline dates vary based on program.

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

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Key Verification Assets Fund Program

Department of State (State), Bureau of Arms Control, Verification and Compliance

Notice seeking ambitious, innovative research proposals to address priority science and technology requirements for arms control monitoring and verification. Proposals are sought in five focus areas: Topic 1. (Biology). Sequencing techniques for investigation and attribution of biological weapons use; Topic 2 (Biology). Promoting Measures/Existing Provisions to Increase Compliance and Adherence to the Biological Weapons Convention—With a Focus on Western Hemisphere and North Africa Regions; Topic 3 (Geophysics). Seismic Calibration Experiment(s); Topic 4 (Geophysics). Comprehensive Study of Major Volcanos in Northeast Asia; and Topic 5 (Radionuclide). Research, Test, and Evaluation of Existing Argon-37 Ground Samplers.

Proposals are due December 4, 2019.

LINKS: [FBO](#)

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ROSES 2019: Advancing Collaborative Connections for Earth System Science  
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to adopt and implement technologies to effectively manage, discover and use NASA's archive of Earth observations for scientific research and applications.

Requested notices of intent are due December 12, 2019. Proposals are due January 30, 2020. Approximately \$5 million is available to support 9 to 15 awards.

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

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Understanding the Rules of Life: Microbiome Theory and Mechanisms

Directorate for Biological Sciences (BIO), National Science Foundation (NSF), Division of Integrative Organismal Systems (IOS)

Notice seeking integrated, interdisciplinary proposals that develop theoretical predictive frameworks with well-designed experimental and/or computational approaches to generate and test hypotheses about the causal relationships within the microbiome, and among the microbiome, host, and environment. Projects may apply existing ecological and evolutionary theory or develop new experimental, computational, or mathematical tools, models, and theory. Projects must integrate perspectives and research approaches

from more than one research discipline (e.g., biology, chemistry, computer science, engineering, geosciences, mathematics, physics, social and behavioral sciences).

Required letters of intent are due January 17, 2020. Full proposals are due March 2, 2020.

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

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Passenger Self Screening Systems for Aviation Checkpoint  
Department of Homeland Security (Homeland Security)

Notice seeking information about solutions that may be rapidly developed to detect weapons and organic threat items hidden on passengers without the same level of Transportation Security Officer engagement normally present in the screening process. The solution would be deployed in conjunction with an X-ray system and an automated screening lane so that a passenger may be screened while they complete the divestiture process for inspection of their accessible property. The objective would be to create a passenger friendly, intuitive screening process while improving security, accelerating passenger throughput, and reducing pat-down rates.

Responses are due December 4, 2019.

LINKS: [FBO](#)

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Request for Comment on the 2020 NASA Technology Taxonomy  
National Aeronautics and Space Administration (NASA)

Notice announcing that the final edition of the 2020 NASA Technology Taxonomy has been released. This final edition of the 2020 Taxonomy uses a technology discipline-based approach that realigns like-technologies independent of their application within the NASA mission portfolio. This tool is designed to serve as a common technology discipline-based communication tool across the Agency and with its partners in other government agencies, academia, industry, and around the world.

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

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Request for Information Building Technologies: Lighting R&D Opportunities  
Federal Laboratories (Federal Laboratories), Department of Energy (Energy), National Energy Technology Laboratory (NETL)

Notice seeking information to better understand how DOE lighting research goals can be refined to reflect evolving technology needs and to inform related R&D technologies.

Responses are due December 19, 2019.

LINKS: [Grants.gov](#)

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Breakthroughs Enabling Thermonuclear - Fusion Energy (BETHE)  
Department of Energy (Energy), Advanced Research Projects Agency Energy (ARPA-E)

Notice seeking applications to support the development of timely, commercially viable fusion energy. This program addresses the need to lower the costs of development and eventual deployment of commercial fusion energy by supporting R&D to increase the performance and number of credible, lower-cost fusion concepts.

Applications are due January 14, 2020. Approximately \$30 million is available for 14 awards.

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

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Environmental System Science  
Department of Energy (Energy), Office of Science

Notice seeking applications for research in Environmental Systems Science (ESS), including Terrestrial Ecosystem Science (TES) and Subsurface Biogeochemical Research (SBR). The goal of the Environmental System Science (ESS) activity is to advance a robust, predictive understanding of the set of interdependent physical, biogeochemical, ecological, hydrological, and geomorphological processes for use in Earth system, ecosystem and reactive transport models. This FOA will consider applications that focus on improving the understanding and representation of terrestrial and subsurface environments in ways that advance the sophistication and capabilities of local, regional, and larger scale models.

Required pre-applications are due December 5, 2019. Applications are due February 20, 2020. Approximately \$10 million is available for 12 awards.

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

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Hyper-Dimensional Data Enabled Neural Networks (HyDDENN)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals for new data enabled neural network architectures to break the reliance on large multiply and accumulate (MAC)-based deep neural networks. HyDDENN will explore and develop innovative data representations with shallow neural network architectures based on efficient, non-MAC, digital compute primitives to enable highly accurate and energy efficient artificial intelligence for DoD edge systems.

Proposals are due December 11, 2020.

LINKS: [Contract Opportunities](#)

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NASA Planetary Science Advisory Committee; Meeting  
National Aeronautics and Space Administration (NASA), Science Mission Directorate (SMD), Planetary Science Division

Notice announcing a meeting scheduled to include updates from the Planetary Science Division and reports from the Specific Research & Analysis Programs.

The meeting will be held December 6, 2019 from 1:00 p.m. to 5:30 p.m., ET via telephone and WebEx. To attend by telephone, call 800-779-9966 and enter passcode 5255996. To attend by WebEx, go to <https://nasaenterprise.webex.com/> and enter meeting number 906287000 and password [PAC@Dec6](#).

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