

## UNO FOCUS:

Links with Industry, Research Centers, and National Laboratories (LINK)  
Louisiana EPSCoR

LINK will help to develop a diverse, internationally competitive and engaged workforce of scientists and engineers by establishing partnerships and alliances between Louisiana researchers and collaborators at national laboratories, research centers or industrial facilities. Tenured and tenure-track S&E faculty members in any Louisiana public institution of higher education or in any Louisiana higher education institution that is a member of the Louisiana Association of Independent Colleges and Universities (LAICU) are eligible to apply. Post-doctoral researchers and graduate students may participate and can travel independently but must be sponsored by a tenured or tenure-track faculty member, who will serve as the Principal Investigator (PI). Undergraduate students are eligible to participate provided that they are accompanied by a tenured or tenure-track faculty member, who will serve as the PI.

Louisiana EPSCoR will provide \$500.00 per week, not to exceed a total of \$2,000, for applicants' subsistence (e.g., lodging, meals, etc.) while visiting and training at an industrial facility, research facility or center, or national laboratory. A maximum of \$1,000 in transportation cost reimbursements will be provided. Duration of the visits must range from a minimum of two (2) weeks to a maximum of four (4) weeks. It is expected that the applicant will spend the entire duration of the visit at the facility.

LINKS: [LA EPSCoR](#)

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Coastal Science Assistantship Program (CSAP)  
Louisiana Coastal Protection and Restoration Authority (CPRA)

This program provides graduate assistant stipends for up to three years to Master of Science students both enrolled full-time at Louisiana colleges/universities and involved in research relevant to Louisiana coastal protection and restoration efforts. The program will both expose students to CPRA activities and provide a potential avenue for recruitment of new CPRA personnel.

Up to four new students will be funded each academic year based on evaluations of applications submitted by faculty members. The annual student stipend is \$25,000 for up to three years; however, CSAP funds may only be used to cover graduate assistantships and any associated tuition and fringe benefits in accordance with the applicant institution's normal policies. The total award for each student will not exceed \$25,000 per year for up to three years under any circumstances. No other costs are allowed to be charged to CSAP funds.

LINKS: [Sea Grant](#)

## ARTS, HUMANITIES, and INTERNATIONAL

Health Workforce Improvement Program (HWIP)  
United States Agency for International Development (USAID), Ethiopia USAID-Addis Ababa

Notice seeking applications to collaborate with national leadership and institutes of higher education to provide healthcare education at national and sub-national, and targeted health worker professional associations to improve the quality of Ethiopia's health workforce.

Applications are due October 11, 2019. Approximately \$40 million is available for one project lasting up to five years.

LINKS: [Grants.gov](#)

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National Parks Exchange Program  
Department of State (State)

Notice seeking applications to improve the visitor experience, park sustainability and project management; develop public and educational programming; advise national park staff, rangers and guides; and implement the different stages of this program in consultancy with Embassy Buenos Aires and the Argentinian National Parks Administration.

Applications are due October 30, 2019. Approximately \$250,000 is available for one award to support a project lasting up to three years.

LINKS: [Grants.gov](#)

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Accelerating Promising Practices for Small Libraries  
Institute of Museum and Library Services (IMLS)

Notice supporting projects that strengthen the ability of small and/or rural libraries and archives to serve their communities and to build grantee capacity through participation in a community of practice. IMLS invites applications that focus on transforming K-12 school library practice, community memory, or digital inclusion and are clearly linked to an individual institution's broader community needs.

Applications are due December 2, 2019. Approximately \$1.25 million is available for 30 awards.

Limited Submission: The same proposal may not be submitted to IMLS under more than one category.

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

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Planning Grant for Global Infectious Disease Research Training Program (D71 No Clinical Trials Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), Fogarty International Center (FIC)

Notice seeking applications for planning grants from institutions in low- and middle-income countries (LMICs) to 1) Design a Global Infectious Disease Research Training Program in collaboration with U.S. collaborators and 2) Strengthen LMIC faculty and prepare advanced courses and training resources for the program envisioned at the LMIC institution. The application should propose a collaborative process to create a new training program that will strengthen the capacity of the LMIC institution to conduct infectious disease research.

Optional letters of intent are due October 12, 2019; September 28, 2020; and September 28, 2021.  
Applications are due November 12, 2019; October 28, 2020; and October 28, 2021. Multiple awards of up to \$100,000 per year are available to support projects lasting up to two years.

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

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

Natural Resources JBL-E  
Department of Defense (Defense), Army Corps of Engineers, Savannah District

Notice seeking applications to provide evaluation, management and treatment of invasive species, forested areas, and wildlife survey as outlined in the Integrated Natural Resources Management Plan.

Applications are due September 19, 2019. Approximately \$750,000 is available for one award to support a project lasting up to one year.

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

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Notice of Solicitation of Applications for the Rural Energy for America Program for Fiscal Year 2020  
United States Department of Agriculture (USDA), Rural Business-Cooperative Service

Notice seeking applications for (1) Renewable Energy Systems and Energy Efficiency Improvements Assistance and (2) Energy Audit and Renewable Energy Development Assistance Grants. The program provides grants and loans to agricultural producers and rural small businesses to purchase and install renewable energy systems and make energy efficiency improvements to their operations.

Applications for grants or a combination of grants and loans of up to \$20,000 are due October 31, 2019 or March 31, 2020. Applications for grants or a combination of grants and loans of over \$20,000 are due March 31, 2020. Approximately \$50 million in funding is anticipated for about 1,000 awards of up to \$750,000. Twenty percent of FY 20 funds will be set aside to fund smaller grants of \$20,000 or less.

Limited Submission: Applicants can be awarded only one renewable energy system grant and one energy efficiency improvement grant in FY 20.

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

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Agency Information Collection Activities; Submission to the Office of Management and Budget for Review and Approval; Comment Request; Day of Service Application Instructions  
Corporation for National and Community Service (CNCS)

Notice seeking feedback on CNCS's Day of Service Application Instructions for future Day of Service grant competitions after the expiration of the current Application Instructions. CNCS also seeks to continue using the currently approved information collection until the revised information collection is approved by OMB. The currently approved information collection is due to expire on December 31, 2019.

Comments are due October 28, 2019.

LINKS: [Federal Register](#)

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Announcement for Program Funding for NRCS's Regional Conservation Partnership Program (RCPP) for Federal Fiscal Year (FY) 2019  
United States Department of Agriculture (USDA), Natural Resources and Conservation Service (NRCS)

Notice seeking applications to support projects that demonstrate innovative solutions to conservation challenges and provide measurable improvements and outcomes tied to the resource concerns they seek to address. Potential RCPP partners propose projects that generate conservation benefits by addressing specific natural resource objectives in a State/multistate area, or address one or more priority resource concerns within an NRCS-designated critical conservation area.

Applications are due December 3, 2019. An informational webinar will be held September 26 at 3:00 pm. See the Agency Site for details. Approximately \$300 million is available for multiple awards ranging from \$250,000 to \$10 million.

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

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Minority Education, Workforce, and Training Program  
Department of Energy (Energy)

Notice seeking applications for financial assistance designed to support minority education, workforce development, and capacity building at minority serving institutions (MSIs), and to foster collaboration amongst MSIs, minority business enterprises, DOE program offices, industry, state and local government

agencies and other federal agencies to increase engagement and capabilities of underserved communities within STEM and energy fields.

Applications are due October 7, 2019. Questions are due September 16, 2019. Approximately \$4 million is available for up to 10 awards.

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

## HEALTH and MENTAL HEALTH

### ASPR NEXT

Department of Health and Human Services (HHS), Office of the Assistant Secretary for Preparedness and Response (ASPR)

Notice seeking proposals for revolutionary advancements in health security products, technologies and innovations, specifically to invigorate operations, response, recovery and medical countermeasure development, deployment and distribution activities. ASPR is seeking innovative proposals to investigate approaches that enable revolutionary advances in science, technologies, or systems. Specifically excluded are basic science, research, development, prototype and process development, data science, clinical studies, and other activities that primarily result in evolutionary improvements to the existing state of the art.

Proposals are due June 30, 2020. A small number of awards are expected, inclusive of seedling (less than \$750,000) and full programs (greater than \$750,000).

LINKS: [FBO](https://www.fbo.gov)

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Intervening with Cancer Caregivers to Improve Patient Health Outcomes and Optimize Health Care Utilization--R01, R21 Clinical Trial Optional

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

Notice seeking applications for intervention research designed to support caregivers of adult cancer patients. Interventions supported by this FOA are intended to provide caregivers with care training, promote coping skills, and ultimately help them manage care. Outcomes of such interventions are expected to (1) optimize patient health care utilization, (2) improve caregiver well-being, and (3) improve patient physical health and psychosocial outcomes.

Optional letters of intent are due 30 days before application due dates. R01 applications are October 17, 2019; then, follow standard due dates. R21 applications follow standard dues beginning in October. Program expires September 8, 2022. Multiple awards expected.

LINKS: [Grants.gov \(R01\)](https://www.grants.gov), [Solicitation \(R01\)](https://www.fbo.gov)

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Linking the Provider Recommendation to Adolescent HPV Vaccine Uptake--R01, R03, R21 Clinical Trial Optional

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

Notice seeking research applications on how the healthcare delivery system enhances or inhibits the effectiveness of a provider's recommendation of the adolescent human papillomavirus (HPV) vaccine. Characteristics of the provider, parent/patient, and clinical setting, can all affect whether a provider makes a recommendation, and whether that recommendation results in uptake of the HPV vaccine. This research requires expertise in cancer prevention, adult and childhood behavior, immunization promotion, and healthcare delivery.

R01 applications are October 17, 2019; then, follow standard due dates. R03 and R21 applications follow standard dues beginning in October. Program expires September 8, 2022. Multiple awards expected.

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

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National Network of Sexually Transmitted Diseases Clinical Prevention Training Centers (NNPTC)  
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to support The National Network of Sexually Transmitted Diseases Clinical Prevention Training Centers (NNPTC) charged with improving the capacity of healthcare professionals, clinical sites and healthcare systems to employ state-of-the-art knowledge to diagnose, manage, treat and counsel individuals with and at-risk for STDs in order to reduce STD morbidity and improve sexual health on an individual, local and national level.

Optional letters of Intent are due by September 25, 2019. Applications are due November 12, 2019. Approximately \$50 million is available for up to 12 awards to support projects lasting up to five years.

LINKS: [Grants.gov](#)

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Small-Cell Lung Cancer (SCLC) Consortium: Therapeutic Development and Mechanisms of Resistance  
(U01 Clinical Trial Not Allowed)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice inviting applications for research projects to join the Small-Cell Lung Cancer (SCLC) Consortium. Goals of the SCLC Consortium pertinent to this FOA are: 1) to learn the mechanistic and biological underpinnings of SCLC formation, progression and heterogeneity; 2) to investigate how molecular vulnerabilities could be used to develop targeted agents or combinations; and 3) to understand clinical resistance to drug and radiation therapy and its rapid development.

Optional letters of intent are due 30 days before application due dates. Applications are due November 12 and March 11 annually through 2022. Multiple awards expected.

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

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Meeting of the Advisory Committee on Interdisciplinary, Community-Based Linkages  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Committee on Interdisciplinary, Community-Based Linkages to discuss issues related to the pending Committee reports.

The meeting will be held by webinar on October 11, 2019 at 11:00 a.m. to 5:00 p.m. ET. Click here to access the webinar link: <https://hrsa.connectsolutions.com/ACICBL> or call the conference line: 888-455-0640; Passcode: HRSA COUNCIL

LINKS: [Federal Register](#)

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National Biodefense Science Board: Public Meeting  
Department of Health and Human Services (HHS), Office of the Assistant Secretary for Preparedness and Response (ASPR)

Notice announcing a meeting scheduled to gather information to develop expert advice provided by NBSB and guidance to the Secretary on scientific, technical, and other matters of special interest to HHS regarding current and future chemical, biological, nuclear, and radiological agents, whether naturally occurring, accidental, or deliberate.

The meeting will be held September 11, 2019 from 9:00 a.m. to 5:00 p.m., ET.

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

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Food as Medicine: Food Insecurity and HIV-related Comorbidities, Coinfections, and Complications within the Mission of the NIDDK (R01 Clinical Trial Optional)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking U.S. domestic research project applications that address how food insecurity effects HIV comorbidities, coinfections, and complications (CCCs) within the mission of the National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK). The approaches may address the pathways linking food insecurity and the development or exacerbation of CCCs; or they may evaluate the mechanisms whereby interventions that alleviate food insecurity improve CCCs. These mechanisms could be related to nutritional inadequacies or patient health-related behaviors.

Optional letters of intent are due February 9, 2020. Applications are due March 9, 2020. Approximately \$2 million is available for up to 5 awards.

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

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Clinical Sites for the ECHO IDeA States Pediatric Clinical Trials Network - 2 (UG1 Clinical Trial Required)  
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications from entities/institutions in Institutional Development Award (IDeA)-eligible States to participate as Clinical Sites in the Environmental Influences on Child Health Outcomes (ECHO) IDeA States Pediatric Clinical Trials Network (ISPCTN). The Clinical Sites of the ISPCTN will conduct multicenter clinical trials research, assuring the participation of children living in rural or underserved communities located in IDeA states, and build pediatric research capacity for IDeA states to support the conduct of clinical trials of relevance to rural or underserved children in IDeA states. The Clinical Sites and the Data Coordinating and Operations Center, together, will form the ISPCTN. The ISPCTN is the intervention part of the ECHO program and supports its overall mission: to enhance the health of children for generations to come.

Optional letters of intent are due November 2, 2019. Applications are due December 2, 2019. Approximately \$7 million is available for 15 to 20 awards.

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

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Myeloid-Derived Suppressor Cells (MDSCs) as Potential Therapeutic Targets in TB HIV (R1 and 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 applications for support of innovative clinical, preclinical and non-clinical research to determine the potential of MDSCs as a target for host-directed therapeutics for tuberculosis in the context of HIV co-infection, and to better understand the role of host-induced immunosuppression in the progression of Mycobacterium tuberculosis pathogenesis.

R01 and R21 applications are due January 8, 2020; January 8, 2021; and January 10, 2022.

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

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Trans-Agency Blood-Brain Interface Program (R61 R33 - Clinical Trials Not Allowed)



Department of Defense (Defense), National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

Notice seeking applications to support high risk/high reward research on the blood/vascular component and regulation of the neurovascular blood unit (aka. Blood-Brain Barrier) in normal and pathological states to stimulate the development of a new field of science and re-define the neurovascular unit to also include the blood/vascular component to identify targets for diagnostics and regulation of the Blood-Brain Interface.

Applications are due December 2, 2019 and October 19, 2020. Optional letters of intent are requested 30 days before the deadline. Approximately 5 awards of up to \$425,000 per year are available in FY 20 and in FY 21 to support projects lasting up to five years.

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

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Meeting of the Advisory Committee on Training in Primary Care and Dentistry  
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Committee on Training in Primary Care and Dentistry (ACTPCMD) to discuss matters concerning innovations in training in primary care medicine and dentistry as well as ACTPCMD's upcoming report and recommendations.

The meeting will be held by webinar on October 31, 2019 from 10:00 a.m.-5:00 p.m. ET. Click here to access the webinar: <https://hrsa.connectsolutions.com/ACTPCMD> or dial into the conference call: (888) 455-0640; Passcode: HRSA COUNCIL

LINKS: [Federal Register](#)

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Meeting of the National Clinical Care Commission  
Department of Health and Human Services (HHS)

Notice announcing a meeting of the National Clinical Care Commission to discuss improvements applied to federal programs related to awareness and clinical care for complex metabolic or autoimmune diseases that result from issues related to insulin that represent a significant disease burden in the United States.

The meeting will be held September 27, 2019 from 2:00 p.m. to 5:30 p.m. ET. Individuals must pre-register at the registration website at [https://kauffmaninc.adobeconnect.com/nccc\\_sept\\_2019/event/event\\_info.html](https://kauffmaninc.adobeconnect.com/nccc_sept_2019/event/event_info.html).

LINKS: [Federal Register](#)

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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 review presentations on immunization equity, immunity, vaccines for small populations and uncommon diseases, and influenza safety monitoring, and evidence-based tools for improving influenza vaccination efforts.

The meeting will be held September 17 and 18, 2019. The meeting times and agenda will be posted on the NVAC website at <https://www.hhs.gov/vaccines/nvac/meetings/index.html> as soon as they become available. Individuals who wish to participate in the public comment session must register at: <https://www.hhs.gov/webforms/nvac/index.html>.

LINKS: [Federal Register](#)

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Notice of Meetings  
Agency for Healthcare Research and Quality (AHRQ), Department of Health and Human Services (HHS)

Notice announcing five meetings of subcommittees of the AHRQ Health Services Research Initial Review Group Committee.

The meetings will be held on various days and times October 9-24, 2019 at Bethesda North Marriott Hotel & Conference Center, 5701 Marinelli Road, Bethesda, MD. See the notice for specific dates and times. Only the first half hour of each meeting is scheduled to be open to the public.

LINKS: [Federal Register](#)

## SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Emergent R&D

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

Notice seeking proposals for research that addresses the use of (1) domestic natural graphite for defense or space batteries or (2) domestic isotropic graphite for defense or space applications. This notice is a new topic area amended to a currently open broad agency announcement.

Proposals are accepted on a rolling basis until June 22, 2021. Awards of up to \$500,000 are available for the feasibility phase.

LINKS: [FBO](#)

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Materials Development and Maturation for Applications in Nuclear Systems (MaDMANS)

Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking applications for cost, light weight High Altitude Electromagnetic Pulse hardened facility construction materials and evaluate and/or develop new next generation reentry vehicle Thermal Protection System/Aeroshell materials that are lighter weight and with integrated radiation shielding. Under this broad agency announcement, additional calls for proposals will be issued. The first call, included in this notice, is "Hemp Shielding for Materials Development and Maturation for Applications in Nuclear Systems."

Proposals for the first call are due September 30, 2019. Multiple awards are anticipated.

LINKS: [FBO](#)

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Special Program Announcement for 2019 Office of Naval Research: Atomic and Quantum Science and Technology

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

Notice seeking proposals for basic and/or applied research in atomic and quantum science and technology. Specific focus areas are as follows: protocols for efficient atom, ion or molecule cooling and trapping; techniques for robust and/or high performance optical atomic clocks; novel approaches to quantum inertial or electromagnetic field sensing and applications thereof; innovative protocols for the preparation, readout, characterization and utilization of quantum correlated states for improved sensing and quantum information processing; protocols for enhancing coherence in quantum systems by engineering the environment; novel approaches to quantum simulation of complex, correlated quantum systems and quantum algorithms for finding approximate solutions to hard problems with Navy relevance; and approaches to implementing quantum information processing tasks using phonons and phonon-based devices.

Optional white papers are due September 20, 2019. Full proposals are due November 15, 2019.

LINKS: [FBO](#)

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Young Faculty Award (YFA)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Defense Sciences Office (DSO)

Notice seeking applications from identified "rising stars" currently serving in junior faculty positions in academia (and equivalent positions at non-profit research institutions) to increase their exposure to Department of Defense and National Security challenges and needs.

Application questions are due November 9, 2019. Proposals are due November 19, 2019. Approximately \$500,000 is available for multiple awards to support projects lasting up to one year.

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

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Motor Carrier Safety Advisory Committee (MCSAC); Public Meeting  
U.S. Department of Transportation (DOT)

Notice announcing a meeting of the Federal Motor Carrier Safety Administration to discuss the topic of Automated Driving Systems for commercial vehicles and specific recommendations on regulatory provisions the Agency should revise, workforce issues, and other concerns the Agency should consider and address in a potential rulemaking.

This meeting will be held September 30 and October 1, 2019 from 9:15 a.m. to 4:30 p.m. ET at the U.S. Department of Transportation, Oklahoma City Rooms A, B, and C, 1200 New Jersey Avenue SE, Washington, DC.

LINKS: [Federal Register](#)

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Science Advisory Board (SAB)

National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice announcing a meeting scheduled to include a discussion of the recommendations from the SAB Environmental Information Services Working Group regarding the Environmental Prediction Innovation Center.

The meeting will be held September 9, 2019 from 11:00 am to 12:00 pm, ET. Attend via webinar at <https://attendee.gotowebinar.com/register/7316055114512901633>.

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

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National Cybersecurity Center of Excellence (NCCoE) Securing Telehealth Remote Patient Monitoring Ecosystem

National Institute of Standards and Technology (NIST), Department of Commerce (Commerce)

Notice seeking letters of interest relating products and technical expertise to support and demonstrate security platforms for the Securing Telehealth Remote Patient Monitoring Ecosystem for the healthcare sector use case. This notice is the initial step for the NCCoE in collaborating with technology companies to address cybersecurity challenges identified under the healthcare sector program.

Email the contact to request a letter of interest template. Letters will be accepted until all needed components and capabilities have been addressed.

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

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Use of the NASA Physical Sciences Informatics System--Appendix F

National Aeronautics and Space Administration (NASA)

Notice announcing the upcoming release of a broad agency announcement on the NASA NSPIRES page seeking ground-based research proposals from established researchers and graduate students to generate new scientific insights by utilizing experimental data residing in NASA's Physical Sciences Informatics system (<http://psi.nasa.gov>), an online database of completed physical science reduced-gravity flight experiments conducted on the International Space Station (ISS), Space Shuttle flights, Free-flyers, or commercial cargo flights to and from the ISS, and related ground-based studies.

The solicitation will be released at the NSPIRE website <http://nspires.nasaprs.com/> on or about September 16, 2019. Proposals are anticipated to be due on or about December 16, 2019.

LINKS: [FBO](#)

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Accountable Institutions and Behavior  
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals that support basic scientific research that advances knowledge and understanding of issues broadly related to attitudes, behavior, and institutions connected to public policy and the provision of public services. Substantive areas include (but are not limited to) the study of individual and group decision-making, political institutions (appointed or elected), attitude and preference formation and expression, electoral processes and voting, public administration, and public policy. This work can focus on a single case or can be done in a comparative context, either over time or cross-sectionally. The Program does not fund applied research.

Proposals are due January 15 and August 15 (August 17 in 2020) annually.

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

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AIE: Context Reasoning for Autonomous Teaming (CREATE)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals for innovative basic or applied research concepts related to new approaches for autonomous teaming of physically distributed groups of artificial intelligence enabled systems (multi-agent systems) when there is limited opportunity for centralized coordination.

Proposals are due October 3, 2019.

LINKS: [FBO](#)

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FY20 Living Marine Resources (LMR) Program Environmental Need Topics  
Navy (Navy), Department of Defense (Defense), Naval Facilities Engineering and Expeditionary Warfare Center

Notice seeking pre-proposals for 1) marine mammal acoustic software to increase overall processing efficiency to identify, characterize, and catalogue acoustic signals of interest; 2) research on the extent of control marine mammals may have over reducing their hearing sensitivity, what anatomical and physiological mechanisms they may be using, the impact on temporary threshold shift (TTS) response, and an investigation into any additional species available in captivity; and 3) research on frequency-dependent, underwater, TTS in California sea lions - selected test frequencies should be based on equipment capability and most appropriate frequencies to characterize TTS across the spectrum of hearing in similar approach to what has been done with bottlenose dolphins, harbor porpoise, and harbor seals.

Pre-proposals are due November 12, 2019.

LINKS: [FBO](#)

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Microsystems Exploration: Performant Automation of Parallel Program Assembly (PAPPA)  
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals for research that explores tradeoffs between programming productivity, solution generality, and scalability to enable scientists and domain experts with no understanding of parallel programming and hardware architectures to create highly efficient performance portable programs. The goal of PAPPA is to explore the creation of compiler technology that improves the programming productivity of massively parallel and heterogeneous processing systems with 1,000,000-way parallelism by 10,000X.

Proposals are due October 3, 2019.

LINKS: [FBO](#)

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

Notice seeking proposals to support basic scientific research that advances knowledge and understanding of issues broadly related to global and national security. Substantive areas include (but are not limited to) international relations, global and national security, human security, political violence, state stability, conflict processes, regime transition, international and comparative political economy, and peace science. Moreover, the Program supports research experiences for undergraduate students and infrastructural activities, including methodological innovations. The Program does not fund applied research.

Proposals are due January 15 and August 15 (August 17 in 2020) annually.

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

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Use of the NASA Physical Sciences Informatics System - Appendix F  
National Aeronautics and Space Administration (NASA)

Notice soliciting ground-based research proposals that present a compelling case on how the experimental data from the PSI system will be used to promote the advancement of further research. Proposers must show a clear path from the scientific data obtained from the PSI system to the proposed investigation. In addition, the project must address an important problem in the proposed area of research and advance scientific knowledge or technology.

Proposals are due December 16, 2019. Five awards are expected.

LINKS: [Grants.gov](#)

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Environmental Modeling Public Meeting; Notice of Public Meeting  
Environmental Protection Agency (EPA)

Notice announcing the Environmental Modeling Public Meeting to discuss current issues related to modeling pesticide fate, transport, exposure, and ecotoxicity for pesticide risk assessments in a regulatory context.

The meeting will be held October 16, 2019 from 9:00 a.m. to 4:30 p.m. ET at the Environmental Protection Agency, Office of Pesticide Programs, One Potomac Yard (South Building), First Floor Conference Center (S-1200), 2777 S. Crystal Drive, Arlington, VA. Requests to participate in the meeting must be made or received on or before September 23, 2019.

LINKS: [Federal Register](#)