Notices from November 01, 2018 to November 03, 2018

This publication synopsizes funding opportunities, rules and regulations, comment requests, and meetings information from Grants.gov, Federal Register, and Federal Business Opportunities for colleges and universities that are eligible to be lead applicants or serve as partners.

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**ARTS / HUMANITIES / INTERNATIONAL**

**FUNDING OPPORTUNITY:**
Ecuador Countering Transnational Organized Crime Capacity Building Program

**FON:**
INL19CA0006-WHPECUADOR-TOC-110218

**AGENCY:**
Bureau of International Narcotics and Law Enforcement Affairs (INL), Department of State (State)

**ITEM:**
Notice seeking proposals to assist with travel, training programs and operational support, under the authority of INL’s Western Hemisphere Programs Office (INL/WHP) and its section in Quito, Ecuador, in locations throughout the world for Ecuadorian law enforcement and criminal justice personnel, military, civil society, government officials, and other relevant participants from Ecuador, Colombia, the United States, and/or other countries.

**ACTION:**
Proposals are due December 12, 2018. Questions are due December 2, 2018. Approximately $5 million is available to support one award.

**LINKS:**

**CONTACT:**
Kale Edwards, Email: EdwardsKK@state.gov (mailto:EdwardsKK@state.gov), copying to Coca Stein, Email: SteinLF@state.gov (mailto:SteinLF@state.gov)

FUNDING OPPORTUNITY:
U.S. Embassy Lusaka PAS Annual Program Statement

FON:
PAS-LUS-CULTURAL-FY19

AGENCY:
Department of State (State), U.S. Mission to Zambia

ITEM:
Notice seeking applications to support projects that strengthen cultural ties between the U.S. and Zambia through cultural and exchange programming that highlights shared values and promotes bilateral cooperation. All programs must include an American cultural element, or connection with American expert/s, organization/s, or institution/s in a specific field that will promote increased understanding of U.S. policy and perspectives. The U.S. Embassy is expecting two jazz performers, one bluegrass band, and a dance choreographer between July and December 2018. Proposals involving these visits will be prioritized.

ACTION:
Applications are due July 1, 2019. Approximately $20,000 per award is available to support up to four awards.

LINKS:

CONTACT:
Embassy staff. Email: LusakaPASGrants@state.gov (mailto:LusakaPASGrants@state.gov)

FUNDING OPPORTUNITY:
Ukraine: U.S. Government Public Diplomacy Small Grants Program –Culture

FON:
PAS-UKRAINE-2019-001

AGENCY:
Department of State (State), U.S. Mission to Ukraine

ITEM:
Notice seeking applications for cultural projects in Ukraine that promote the U.S. culture in Ukraine or highlight American-Ukrainian collaboration in arts and culture. Eligible themes include: Projects in performing and visual arts, including but not limited to music, dance, theater, literature, film, photography, and video; Projects for gallery-style exhibitions of paintings, sculptures, photography, artifacts, cartoons, or other similar works; Lectures and roundtables by U.S. experts in music, dance, theater, literature, poetry, film, and video; Educational projects in the performing and visual arts, including but not limited to, music, dance, theater, literature, film, photography, and video.
Participation of American artists or experts is strongly encouraged. Collaborative, sustained projects that include educational elements and outreach to underserved communities (i.e. lectures or master classes) are preferred. Cost sharing is encouraged, but not required.

ACTION:
Applications are due November 23, 2018. Approximately $200,000 is available to support multiple awards.

LINKS:

CONTACT:
U.S. Embassy in Kyiv, Ukraine, Email: KyivPDGrants@state.gov (mailto:KyivPDGrants@state.gov)

FUNDING OPPORTUNITY:
Ukraine: U.S. Government Public Diplomacy Small Grants Program–Academic and Educational Programs

FON:
PAS-UKRAINE-2019-002

AGENCY:
Department of State (State), U.S. Mission to Ukraine

ITEM:
Notice seeking project applications in academic and educational affairs that highlight American-Ukrainian academic collaboration or advance Ukrainian educational goals by featuring significant American research, educational approaches, or lecturers. Collaborative, sustained projects and projects that include educational elements and outreach to underserved communities are preferred. Eligible Themes Include: Projects that support Ukraine’s ongoing educational reform process, drawing on some substantive component of the American educational system; Projects focused on encouraging and institutionalizing academic integrity at Ukrainian educational institutions; Projects or events hosted at a Ukrainian educational institution that includes U.S. experts on sustainable economic development, elections/democratic reform, transparency, entrepreneurship, leadership and/or innovation; Educational projects and programming developing the theme of women’s entrepreneurship and leadership in the fields of commerce, finance, and economy; Projects designed to create or enhance American Studies programming at Ukrainian educational institutions; Academic programming that utilizes an American component to develop and reinforce values of tolerance, diversity, and inclusive education among secondary school and/or university students; and Projects designed to support displaced Ukrainian universities, their faculty, students and staff, and the communities that they now serve.

ACTION:
Applications are due November 23, 2018 and March 11, 2019. Approximately $150,000 is available to support multiple awards.

LINKS:

CONTACT:
U.S. Embassy in Kyiv, Ukraine, Email: KyivPDGrantsEdu@state.gov (mailto:KyivPDGrantsEdu@state.gov)
MEETING:
Meeting of the Renewable Energy and Energy Efficiency Advisory Committee

AGENCY:
Department of Commerce (Commerce), International Trade Administration (ITA)

ITEM:
Notice announcing a meeting of the Renewable Energy and Energy Efficiency Advisory Committee, which provides the Secretary of Commerce with consensus advice from the private sector on the development and administration of programs and policies to expand the export competitiveness of U.S. renewable energy and energy efficiency products and services. The committee will discuss major issues affecting the competitiveness of the U.S. renewable energy and energy efficiency industries, determine sub-committee structure, and provide consultation on committee leadership.

ACTION:
The meeting will be held November 13, 2018, from approximately 9:00 a.m. to 5:00 p.m. ET at the U.S. Department of Commerce Herbert C. Hoover Building (Rm. 1894, Commerce Research Library) in Washington, DC

LINKS:

CONTACT:
Victoria Gunderson, 202-482-7890. Email: Victoria.Gunderson@trade.gov (mailto:Victoria.Gunderson@trade.gov)

EDUCATION / ECONOMIC AND COMMUNITY DEVELOPMENT

FUNDING OPPORTUNITY:
Great Lakes Fish and Wildlife Restoration Act

FON:
F19AS00015

AGENCY:
Fish and Wildlife Service (FWS), Department of the Interior (Interior), Midwest Region Fisheries

ITEM:
Notice seeking applications to support research, restoration, and Regional Project proposals for the restoration of the Great Lakes Basin fish and wildlife resources. Focus areas include: Restoring and maintaining self-sustaining fish and wildlife resources; Minimizing the impacts of contaminants on fishery and wildlife resources; Protecting, maintaining, and, where degraded and destroyed, restoring fish and wildlife habitat, including the enhancement and creation of wetlands that result in a net gain in the amount of those habitats; Stopping illegal activities adversely impacting fishery and wildlife resources; Restoring threatened and endangered species to viable, self-sustaining levels; and Protecting, managing, and conserving migratory birds. All proposals require a 25% non-federal match.

ACTION:
Applications are due January 7, 2019. Approximately $1.1 million is available to support up to eight awards.
MEETING:
Notice of Public Meeting Shipping Coordination Committee Meeting

AGENCY:
Department of State (State)

ITEM:
Notice announcing a meeting to prepare for the one-hundredth session of the International Maritime Organization's (IMO) Maritime Safety Committee to be held at the IMO Headquarters, United Kingdom, December 3-7, 2018. Agenda items include, but are not limited to Adoption of the agenda; report of credentials; Decisions of other IMO bodies; Consideration and adoption of amendments to mandatory instruments; Measures to enhance maritime security; Regulatory scoping exercise for the use of Maritime Autonomous Surface Ships; and Goal-based new ship construction standards.

ACTION:
The meeting will be held at 9 a.m. ET on November 27, 2018, in the CDR Raymond J. Evans Conference Center, Room 610-01-a, of the Douglas A. Munro Coast Guard Headquarters Building at St. Elizabeth's, 2703 Martin Luther King Jr. Avenue SE, Washington DC
HEALTH

FUNDING OPPORTUNITY:
Accelerating Colorectal Cancer Screening and follow-up through Implementation Science (ACCSIS) (UG3-UH3 Clinical Trial Required)

FON: RFA-CA-19-018

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

ITEM: Notice supporting applications for efforts to promote research in colorectal cancer (CRC) screening, follow-up, and referral-to-care in regions of the U.S. where screening rates are below national standards. Projects will provide an evidence base for multilevel interventions that increase rates of CRC screening, follow-up, and referral-to-care, and best practices for how multilevel interventions can be scaled-up to reduce the burden of CRC on the U.S. population. Applicants must jointly apply for both a pilot testing (UG3) and clinical trials (UH3).

ACTION: Optional letters are intent are due 30 days before the due date. Applications are due February 11, 2019. Approximately $3 million is available to support three to four awards.

LINKS: Grants.gov, Solicitation

CONTACT: Sarah Kobrin, 301-276-6931. Email: sarah.kobrin@nih.gov

FUNDING OPPORTUNITY:

FON: HRSA-19-041

AGENCY: Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), HIV/AIDS Bureau; Office of Training and Capacity Development
ITEM:
Notice supporting applications for efforts to manage the technological operation and maintenance of the National HIV Curriculum (NHC) e-Learning Platform. Further, the project will maintain the platform's capacity to support additional modules thereby broadening the subject matter content available on the existing NHC, and to remain updated on the latest e-learning instructional technology. Broader subject matter content may include additional competencies and/or modules on crosscutting concepts, emerging issues such as mental illness, opioids and other substance use disorders, and intimate partner violence, initiatives such as treatment as prevention, building capacity for HIV elimination, the “Undetectable=Untransmittable” campaign, and/or HRSA's priorities related to the care and treatment of people living with HIV. The project will also maintain the platform's capacity to identify technological issues/problems, and to develop and implement appropriate solutions.

ACTION:
Applications are due by January 30, 2019. Approximately $500,000 is available to support one award.

Limited Submission:
Multiple applications from an organization are not allowable.

LINKS:

CONTACT:
Sherrillyn Crooks, 301-443-7662. Email: scrooks@hrsa.gov

FUNDING OPPORTUNITY:
Alzheimer's Disease Research Centers (P30 Clinical Trial Not Allowed)

FON:
RFA-AG-20-004

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

ITEM:
Notice seeking applications to support Alzheimer's Disease Research Centers that foster highly interactive, cutting-edge Alzheimer's disease (AD) and related dementias approaches to prevention, diagnosis, care, and therapy.

ACTION:
Optional letters of intent are due March 25, 2019. Applications are April 25, 2019. Approximately $30 million is available for 15 awards to support projects lasting up to five years.

Limited Submission:
Only one application per institution is allowed.

LINKS:

CONTACT:
Nina Silverberg, 301-496-9350. Email: silverbergn@mail.nih.gov
FUNDING OPPORTUNITY:
Emerging Global Leader Award (K43 Independent Clinical Trial Required)

FON:
PAR-19-051

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

ITEM:
Notice seeking applications to serve as the lead investigator of an independent clinical trial, a clinical trial feasibility study, or a separate ancillary study to an existing trial, as part of their research and career development.

ACTION:
Optional letters of intent are due 30 days prior to application due date. Annual applications are due December 4, 2018; November 7, 2019; and November 4, 2020. Approximately $75,000 (for a minimum of 75% effort or 9 person months) per year, to cover applicant salary, to support projects lasting up to five years. NIH will contribute up to $30,000 per year toward the research development costs of the award recipient, which must be justified and consistent with the stage of development. Applications must be submitted by academic education or research institutions in "low-income," “lower-middle-income,” and “upper-middle-income” countries.

LINKS:

CONTACT:
Contacts vary by institute.

FUNDING OPPORTUNITY:
Engaging Men in HIV Testing, Prevention, and Care (R01 Clinical Trial Optional)

FON:
PA-19-042

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID); National Institute of Mental Health (NIMH)

ITEM:
Notice seeking large research project applications to develop and test strategies to increase the engagement of men in HIV prevention and care within global settings and among US domestic populations who have evidenced lower rates of engagement and retention in HIV prevention and care. These strategies may be implemented in a range of community settings and venues where men can be reached, and they should provide the capacity to expand men's engagement in HIV testing, prevention, and care to help prevent the further transmission of HIV.

ACTION:
Applications are due annually on May 7, September 7, and January 7 until September 8, 2021. Multiple awards are anticipated.
FUNDING OPPORTUNITY:
Engaging Men in HIV Testing, Prevention, and Care (R21 Clinical Trial Optional)

FON: PA-19-050

AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID); National Institute of Mental Health (NIMH)

ITEM:
Notice seeking exploratory applications for efforts to develop and test strategies to increase the engagement of men in HIV prevention and care within global settings and among US domestic populations who have evidenced lower rates of engagement and retention in HIV prevention and care. These strategies may be implemented in a range of community settings and venues where men can be reached, and they should provide the capacity to expand men's engagement in HIV testing, prevention, and care to help prevent the further transmission of HIV.

ACTION:
Applications are due annually on May 7, September 7, and January 7 until September 8, 2021. Approximately $275,000 per award is available to support multiple awards.

LINKS:

CONTACT:
Adeola Adeyeye, 240-669-5005. Email: adeyeyeao@niaid.nih.gov (mailto:adeyeyeao@niaid.nih.gov)

FUNDING OPPORTUNITY:
New Research Directions that Advance the NHLBI Strategic Vision Normal Biology (R21 - Clinical Trial Not Allowed)

FON: PA-19-049

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

ITEM:
Notice seeking applications for pilot studies in high priority areas of research on normal biology. Research on fundamental biological processes that have relevance to multiple diseases is of particular interest. "Normal" biology includes homeostatic regulation of biological systems and the phenomenon of “resilience” – the capability of some individuals to maintain or restore normal function
despite aging or environmental exposures that predispose to disease in others. Funds support research that relates to the normal or "healthy" functioning of human cells and organs that are critically involved in heart, lung, blood, and sleep disorders. Of particular interest are studies that may reveal the basis of resilience. Funds may support studies of non-human model systems or of reversible responses to stimuli that may cause disease. However, research using cells or tissues derived from individuals with established disease is not likely to reflect the "normal" condition.

ACTION:
Applications are due annually on February 16, June 16, and October 16 until January 8, 2022. Approximately $275,000 per award is available to support multiple awards.

LINKS:

CONTACT:
Varies by topic area

FUNDING OPPORTUNITY:
NHLBI TOPMed: Omics Phenotypes of Heart, Lung, and Blood Disorders (X01 - Clinical Trial Not Allowed)
FON:
PAR-19-048
AGENCY:
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI)

ITEM:
Notice seeking applications to support efforts to use NIH-funded omics capacity to carry out studies of the genetic basis and/or omics signatures of common, complex heart, lung, and blood disorders, with strong interest in receiving applications on sickle cell and other rare blood disorders. Successful applicants will provide biospecimens for whole genome sequencing or other omics assays. No funding will be provided under this FOA. The omics data and related phenotypic data will be deposited in a public database such as dbGaP.

ACTION:
Optional letters of intent are due 30 days before the application due date. Applications are due October 18, 2019. Approximately 10 awards will be supported.

LINKS:

CONTACT:
PankajQasba, 301-435-0050. E-mail: qasbap@nhlbi.nih.gov (mailto:qasbap@nhlbi.nih.gov)

FUNDING OPPORTUNITY:
TriService Nursing Research Program -B Call
FON:
HU0001-19-TSNRP-0003

AGENCY:
Department of Defense (Defense), Uniformed Services Univ. of the Health Sciences

ITEM:
Notice seeking applications to develop scientific research studies and evidence-based practice projects in the field of military nursing to include elements of medical research, medical consultation, and medical education.

ACTION:
Applications are due February 5, 2019. Approximately $4.5 million is available for 20 awards to support projects lasting up to two years. This is a minibus opportunity with variable funding opportunities with varied eligibility requirements.

LINKS:

CONTACT:
Jennifer Hatzfeld, 301-319-0596. Email: jennifer.hatzfeld@usuhs.edu (mailto:jennifer.hatzfeld@usuhs.edu)

MEETING:
Eunice Kennedy Shriver National Institute of Child Health and Human Development; Notice of Meeting

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

ITEM:
Notice announcing a meeting of the Board of Scientific Counselors, NICHD. Agenda items include: A report by the Scientific Director, NICHD, on the status of the NICHD Division of Intramural Research; talks by various intramural scientists, and current organizational structure.

ACTION:
The meeting will be open December 7, 2018 from 8:00 a.m. to 11:30 a.m. ET at National Institutes of Health, Building 31A, Conference Room 2A48, 31 Center Drive, Bethesda, MD

LINKS:

CONTACT:
Constantine Stratakis, 301-594-5984. Email: stratakc@mail.nih.gov (mailto:stratakc@mail.nih.gov)

NOTICE:
Request for Nominations for a Science Advisory Board Panel To Review the EPA's Draft All-Ages Lead Model (AALM) Software and Model Documents
AGENCY:
Environmental Protection Agency (EPA)

ITEM:
The Environmental Protection Agency (EPA) Science Advisory Board (SAB) Staff Office requesting public nominations of scientific experts to form a Panel to review EPA's Draft All-Ages Lead Model (AALM) software and model documents. The AALM is a tool for rapidly evaluating the impact of possible sources of lead on blood and other tissue levels in humans from birth to 90 years of age. The AALM predicts lead concentration in body tissues and organs for a hypothetical individual, based on a simulated lifetime of lead exposure. EPA is seeking nominations of nationally and internationally recognized scientists with demonstrated expertise in one or more of the following areas: (1) Physiologically Based Pharmacokinetic modeling, particularly with regard to lead, (2) physiological processes related to lead distribution, mechanisms of transport, accumulation, concentrations at the organ/tissue level, residence times (or other measures of potential impact), and elimination of absorbed lead, (3) processes of the human uptake and/or absorption of ingested lead, (4) lead exposure pathway assessment, and/or (5) environmental or occupational lead exposure analyses.

ACTION:
Nominations are due by November 23, 2018.

LINKS:

CONTACT:
Iris Goodman, 202-564-2164. Email: goodman.iris@epa.gov (mailto:goodman.iris@epa.gov)

SCIENCE / TECHNOLOGY / ENGINEERING / MATH

FUNDING OPPORTUNITY:
Bio Reporters for Subterranean Surveillance

FON:
DARPA-SN-19-08

AGENCY:
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Biological Technologies Office (BTO)

ITEM:
Notice seeking proposals to conduct research, development, testing, and evaluation using indigenous and/or engineered organisms to sense defense-relevant changes in natural and built environments. Funds seek to leverage recent advances in microbial science and synthetic biology to develop biological sensors, signal transducers, and reporters that can reveal subterranean phenomena at a distance. The resulting studies will perform laboratory research and proof-of-concept demonstrations of novel biological sensing systems in well controlled field tests.

ACTION:
Optional abstracts are due November 14, 2018, 4:00 PM ET. Full Proposals are due December 17, 2018, 4:00 PM ET. Multiple awards are anticipated.
LINKS:
FBO (https://www.fbo.gov/?s=opportunity&mode=form&id=eaf67fe4392c17996855cf0fbc73618&tab=core&_cview=0)

CONTACT:
Christian Sund, Email: BTOBAA2018@darpa.mil

FUNDING OPPORTUNITY:
Designing Materials to Revolutionize and Engineer our Future

FON:
19-516

AGENCY:
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF), Division of Materials Research

ITEM:
Notice supporting applications for activities that significantly accelerate materials discovery and/or development by building the fundamental knowledge base needed to design and make materials and/or devices with specific and desired functions or properties. Funds support the formation of interdisciplinary teams of researchers working synergistically in a "closed loop" fashion, building a vibrant research community, leveraging data science, providing ready access to materials data, and educating the future workforce, specifically through modeling, analysis, and computational simulations, validated and verified through sample preparation, characterization, and/or device demonstration. Areas of interest include, but are not limited to: Synthetic materials biology; Structural materials under extreme conditions; Recyclable plastics and alternative materials for sustainable development; and Robotic materials.

ACTION:
Applications are accepted between January 28, 2019 and February 4, 2019. Approximately $36 million is available to support 20-25 awards. An additional $100,000 worth of Google credits will be made available to PIs through Google Cloud services.

Limited Submission:
No individual may appear as Senior Personnel on more than one proposal.

LINKS:

CONTACT:
John Schlueter, 703-292-7766. Email: jschluet@nsf.gov

FUNDING OPPORTUNITY:
FY2019 Office of Naval Research Historically Black Colleges and Universities-Minority Institutions (HBCU-MI) Program

FON:
N00014-19-S-F004
AGENCY:
Navy (Navy), Department of Defense (Defense)

ITEM:
Notice seeking applications to contribute to the science and technology mission of the U.S. Navy and the U.S. Marine Corps while simultaneously expanding the research capacity of participant institutions and engaging students in STEM with a focus in basic, naval-relevant research (information, cyber and spectrum superiority).

ACTION:
Eligibility and technical questions are due December 19, 2018. Required white papers are due January 16, 2019. Invited proposals are due April 10, 2019. Approximately $450,000, per award, is available for three awards to support projects lasting up to three years.

LINKS:

CONTACT:
David Broadwell, 703-588-2866. Email: david.broadwell@navy.mil (mailto:david.broadwell@navy.mil)

FUNDING OPPORTUNITY:
Harnessing the Data Revolution (HDR): Data Science Corps

FON:
19-518

AGENCY:
National Science Foundation (NSF)

ITEM:
Notice supporting applications for efforts enabling participation by undergraduate students in the Data Science Corps, by supporting student stipends for participation in data science projects and supporting integration of real-world data science projects into classroom instruction. Funds support efforts to provide practical experiences, teach new skills, and offer teaching opportunities, in a variety of settings, to data scientists and data science students. It will also strive to promote data literacy and provide basic training in data science to the existing workforce across communities.

ACTION:
Applications are due between January 28, 2019 and February 4, 2019. Approximately $10 million is available to support 8 to 11 awards.

Limited Submission:
Only one proposal is permitted per organization.

LINKS:

CONTACT:
Aidong Zhang, 703-292-5311. Email: azhang@nsf.gov (mailto:azhang@nsf.gov)
FUNDING OPPORTUNITY:
Law & Social Sciences

FON:
19-519

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

ITEM:
Notice seeking proposals to conduct research that advances scientific theory and understanding of the connections between human behavior and law, legal institutions, or legal processes.

ACTION:
Dissertation research, standard and collaborative research proposals are due January 29, 2019 and August 1 thereafter. Standard and Collaborative Research proposals are due January 15, 2020 and January 15 thereafter. Conference awards also available. Approximately $5.5 million is available for 60 awards to support projects. Cross-cutting funding opportunities are also available with this award.

LINKS:

CONTACT:
Brian Bornstein, 703-292-5366. Email: bbornste@nsf.gov (mailto:bbornste@nsf.gov)

FUNDING OPPORTUNITY:
Materials Research Science and Engineering Centers

FON:
19-517

AGENCY:
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF), Division of Materials Research

ITEM:
Notice seeking applications for sustained support of interdisciplinary materials research and education of the highest quality while addressing fundamental problems in science and engineering through Centers that address research of a scope and complexity requiring the scale, synergy, and multidisciplinarity provided by a campus-based research center. The Centers support materials research infrastructure in the United States, promote active collaboration between universities and other sectors, including industry and international organizations, and contribute to the development of a national network of university-based centers in materials research, education, and facilities. A Center may be located at a single institution, or may involve multiple institutions in partnership, and is composed of up to three Interdisciplinary Research Groups, each addressing a fundamental materials science topic.

ACTION:
Required preliminary proposals are due June 24, 2019. Approximately $31.5 million is available to support 8 to 10 awards.
Limited Submission:
Only one MRSEC preliminary proposal may be submitted by any one organization as the lead institution in this competition. An individual may be the Principal Investigator (PI) or co-PI for only one preliminary proposal.

LINKS:

CONTACT:
Daniele Finotello, 703-292-4676. Email: dfinotel@nsf.gov

FUNDING OPPORTUNITY:
Methodology, Measurement, and Statistics

FON:
19-520

AGENCY:
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF), Division of Social and Economic Sciences

ITEM:
Notice seeking proposals to support the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social, behavioral, and economic sciences.

ACTION:
Proposals are due January 31, 2019, August 29, 2019, and Last Thursday in January and August, annually thereafter. Approximately $3.76 million is available to support 15 to 35 awards.

LINKS:

CONTACT:
Cheryl Eavey, 703-292-7269. Email: ceavey@nsf.gov

FUNDING OPPORTUNITY:
Regional Ocean Acidification Observing Optimization Study (OOS-OA19)

FON:
NOAA-OAR-OAP-2019-2005791

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

ITEM:
Notice supporting applications for studies investigating ocean acidification monitoring strategies that would offer an observing system design that best characterizes and tracks ocean acidification within
U.S. Large Marine Ecosystems optimized towards characterizing the conditions most relevant to ecologically and economically important marine species. Applicants must choose one of the following two project options: Observing System Optimization Study; and Regional Field Intensive:

**ACTION:**
Required letters of intent are due January 7, 2019. Approximately $2 million is available to support three awards.

**LINKS:**

**CONTACT:**
Erica Ombres, 301-734-1072. Email: erica.h.ombres@noaa.gov (mailto:erica.h.ombres@noaa.gov)

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**FUNDING OPPORTUNITY:**
ROSES 2018: Second Space Weather Operations-to-Research

**FON:**
NNH18ZDA001N-2HSWO2R

**AGENCY:**
National Aeronautics and Space Administration (NASA)

**ITEM:**
Notice seeking applications to improve the understanding of, forecasting of, and preparedness for space weather events, recognizing the need for close cooperation among the federal agencies. ROSES is an omnibus funding opportunity with various funding opportunities and application dates.

**ACTION:**
Required Step 1 applications are due February 1, 2019. Step 2 applications are due April 5, 2019. Approximately $1 million is available to support five awards in FY 2019 and FY 2020.

**LINKS:**

**CONTACT:**
James Spann, 202-358-0574. Email: jim.spann@nasa.gov (mailto:jim.spann@nasa.gov)

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**FUNDING OPPORTUNITY:**
Support of the National Estuary Program Coastal Watershed Grants

**FON:**
EPA-OW-OWOW-18-04

**AGENCY:**
Environmental Protection Agency (EPA), Office of Water, Office of Wetlands, Oceans, and Watersheds
ITEM:
Notice supporting applications for efforts to administer a national competitive subaward grant to support projects that address urgent and challenging issues that threaten the ecological and economic well-being of coastal and estuarine areas. The competitive subaward process proposed by the applicant must be on a national scale and recipients must address urgent and challenging environmental issues that threaten the ecological and economic well-being of coastal and estuarine areas. A 25% match is required.

ACTION:
Applications are due December 20, 2018. Approximately $4 million is available to support one award.

LINKS:

CONTACT:
Connie Cahanap, Email: nep-rfa@epa.gov (mailto:nep-rfa@epa.gov)

MEETING:
Advisory Committee for Biological Sciences; Notice of Meeting

AGENCY:
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

ITEM:
Notice announcing a telephone meeting of the Advisory Committee for the Directorate for Biological Sciences (BIO) provides advice, recommendations, and oversight concerning major program emphases, directions, and goals for the research-related activities of the divisions that make up BIO. Agenda items will include discussion of establishment of a BIO subcommittee on proposal submission limits.

ACTION:
The meeting will be held November 15, 2018; 1 p.m.-3 p.m. ET at the National Science Foundation, 2415 Eisenhower Avenue, Room E 3410, Alexandria.

LINKS:

CONTACT:
Nancy Sung, 703-292-8400.

MEETING:
FIFRA Scientific Advisory Panel; Notice of Public Virtual Meeting; Request for Comments on Prospective Ad hoc Candidates

AGENCY:
Environmental Protection Agency (EPA)

ITEM:
Notice announcing a meeting of the Federal Insecticide, Fungicide, and Rodenticide Act Scientific Advisory Panel to discuss the draft charge questions for the December 4-7, 2018 FIFRA SAP Meeting on
the Evaluation of a Proposed Approach to Refine Inhalation Risk Assessment for Point of Contact Toxicity: A Case Study Using a New Approach Method.

ACTION:
The preparatory virtual meeting will be held November 14, 2018 from 2:00 p.m. to 4:00 p.m. ET. This meeting will be conducted via webcast. Registration is required: http://www.epa.gov/sap.

LINKS:

CONTACT:
Email: hill-hammond.shaunta@epa.gov

MEETING:
Proposal Review Panel for Computing and Communication Foundations; Notice of Meeting

AGENCY:
National Science Foundation (NSF)

ITEM:
Notice announcing a meeting to reverse site visit to assess the progress of the STC Award: CCF-0939370, "Emerging Frontiers of Science of Information", and to provide advice and recommendations concerning further support for the project. Agenda items include: Presentations by Awardee Institution, faculty staff and students, to Site Team and NSF Staff. Discussions, question and answer sessions.

ACTION:
The meeting will be held December 4, 2018; 8:00 a.m.—5:00 p.m. ET at the Virginia Tech Research Center, 900 Glebe Road, Arlington, VA

LINKS:

CONTACT:
Phillip Regalia, 703-292-8910.

NOTICE:
RFI for Securing the Sensitive Compartmented Information Facilities of the Future

FON:
IARPA-RFI-19-03

AGENCY:
Intelligence Advanced Research Projects Activity (IARPA), Director of National Intelligence (DNI)

ITEM:
Notice seeking information regarding highly innovative approaches to securing Sensitive Compartmented Information Facilities (SCIFs). Areas of interest include: advanced materials or techniques to fully shield SCIFs from unintended radio frequency optical, magnetic, or acoustic
transmissions; novel approaches or technologies enabling more effective and reliable technical surveillance countermeasures to detect and monitor surveillance attacks against existing and future SCIFs; and efforts to detect and secure the operation of wireless devices and networks near and within sensitive areas and prevent the unauthorized entry and operation of a variety of portable electronic devices.

ACTION:
Responses are due December 31, 2018.

LINKS:
FBO (https://www.fbo.gov/?s=opportunity&mode=form&id=903031179a7b1dade03be5579c50575c&tab=core&_cview=0)

CONTACT:
Manfai Fong, Email: dni- iarpa-rfi-19-03@iarpa.gov (mailto:dni- iarpa-rfi-19-03@iarpa.gov)

NOTICE:
Special Notice: Call for Proposals for Participation in the 2019 Advanced Naval Technology Exercise (ANTX)

FON:
N6660419RANTX

AGENCY:
Navy (Navy), Department of Defense (Defense), Naval Sea Systems Command (NSSC)

ITEM:
Notice seeking proposals to participate in the 2019 Advanced Naval Technology Exercise. Exercises will be conducted throughout the 2019 fiscal year, with specific dates and venues to be coordinated with the individual participant(s), and a culminating exercise showcase event will be held during the week of 26 - 30 August 2019 in Newport, RI. All participants who conduct exercises, regardless of execution date, will be invited to showcase their results at the culminating event.

ACTION:
Responses are due by November 30, 2018.

LINKS:
FBO (https://www.fbo.gov/?s=opportunity&mode=form&id=4f9ea5447ce6853a6768e512b62db3f9&tab=core&_cview=0)

CONTACT:
Christopher Kenney, 401-832-4828. Email: christopher.j.kenney@navy.mil (mailto:christopher.j.kenney@navy.mil)

NOTICE:
THEIA Planar Optics Demonstration - Request for Information

FON:
DARPA-SN-19-06
AGENCY:
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Tactical Technology Office (TTO)

ITEM:
Notice seeking inputs from the R&D community regarding potential approaches to demonstrating a meter-class planar optics telescope (with performance comparable to traditional (glass) meter-class optical telescopes (in terms of resolution, image quality, etc.)), and scalability to larger apertures. Responses should present specific materials or optics concepts or approaches that might lead to a successful meter-scale telescope, and are potentially scalable to larger apertures in the future (by DARPA or transition partners). Both ground and space applications are of interest.

ACTION:
Responses are due November 19, 2018.

LINKS:
FBO (https://www.fbo.gov/?s=opportunity&mode=form&id=147e73bcdf3a6a22c58c6b121db188e5&tab=core&_cview=0)

CONTACT:
DARPA/TTO, Email: DARPA-SN-19-06@darpa.mil (mailto:DARPA-SN-19-06@darpa.mil)

This information was compiled and edited by Ken McDonald with assistance from the GRC Staff.