

ARTS, HUMANITIES, and INTERNATIONAL

Eastern Caribbean Organized Crime Investigation Program
Bureau of International Narcotics and Law Enforcement Affairs (INL), Department of State (State)

Notice seeking proposals to deter drug trafficking and related transnational crime through the Eastern Caribbean and reduce the associated threats to citizen security in the Caribbean and the United States.

Questions are due January 14, 2019. Applications are due February 12, 2019. Approximately \$850,000 is available to support one award. Cost sharing is recommended.

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

NEA Art Works 1, FY2020
National Endowment for the Arts (NEA)

Notice seeking applications for projects that support public engagement with, and access to, various forms of excellent art across the nation, the creation of art that meets the highest standards of excellence, learning in the arts at all stages of life, and the integration of the arts into the fabric of community life. Projects may be large or small, existing or new. Applications for artistically excellent projects that address any of the following activities are encouraged: Honor the 2020 centennial of women's voting rights in the United States; Engage with Historically Black Colleges and Universities, Hispanic or Latino organizations, or the Native American, Alaskan Native, and Native Hawaiian arts; Celebrate America's creativity and cultural heritage; Invite a dialogue that fosters a mutual respect for the diverse beliefs and values of all persons and groups; or Enrich our humanity by broadening our understanding of ourselves as individuals and as a society.

Applications are due February 14, 2019. Multiple awards are anticipated, with a per-award range of \$10,000 to \$100,000. One-to-one cost sharing is required.

Limited Submission: Each organization may only submit to either Challenge America or Art Works, not both.

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

NEA Challenge America, FY2020
National Endowment for the Arts (NEA)

Notice seeking applications from small and mid-sized organizations for projects that extend the reach of the arts to underserved populations. This category supports focused, distinct projects that take place over limited periods of time, and involve limited geographic areas, and can include Guest Artists; Collaborative Marketing Campaigns; or Public Art Projects.

Applications are due April 11, 2019. Multiple awards of \$10,000 are anticipated. One-to-one cost sharing is required.

Limited Submission: Each organization may only submit to either Challenge America or Art Works, not both.

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

Public Scholar Program
National Endowment for the Humanities (NEH), Division of Research Programs

Notice seeking applications to support the creation of well-researched books in the humanities intended to reach a broad readership. Some humanities scholarship is necessarily specialized, but the humanities can also engage broad audiences in exploring subjects of general interest.

Applications are due February 6, 2019. The maximum award is \$5,000 per month for up to 12 months.

Weekly Funding Opportunities December 17, 2018

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

Arts Advisory Panel Meetings
National Endowment for the Arts (NEA)

Notice announcing several meetings of the Arts Advisory Panel to the National Council on the Arts. While most of the meetings will be closed to the public, those pertaining to the review of applications for state and regional partnership agreements will be open to the public, with videoconference options available.

State partnership agreement meetings will be held on January 15, January 16, and January 17, 2019 from 3:00 p.m. to 5:30 p.m. ET. The regional partnership meeting will be held on January 30, 2019 from 3:00 p.m. to 4:00 p.m. ET.

LINKS: [Federal Register](#)

Summer Seminars and Institutes for Higher Education Faculty
National Endowment for the Humanities (NEH), Division of Education Programs

Notice seeking applications to host one- to four-week professional development programs allow participants (NEH Summer Scholars) to explore recent developments in scholarship, teaching, and/or curriculum through study of a variety of humanities topics. Proposed programs should focus on the study and teaching of significant texts and other resources; provide models of excellent scholarship and teaching; contribute to the intellectual growth of the participants; and build lasting communities of intellectual and professional collaboration.

Optional draft applications are due January 24, 2019. Final applications are due February 21, 2019. Awards of up to \$125,000 for Seminars and up to \$200,000 for Institutes are available to support projects lasting up to four weeks. Over the past five competitions this program has had a 37 percent funding ratio.

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

Summer Seminars and Institutes for K-12 Educators
National Endowment for the Humanities (NEH), Division of Education Programs

Notice seeking applications to host one- to four-week seminars and institutes for K-12 educators from across the country, offering them the opportunity to broaden and deepen their engagement with the humanities. Proposed programs should focus on the study and teaching of significant texts and resources, provide models of excellent scholarship and teaching, contribute to participants' intellectual growth, and build lasting communities of inquiry.

Optional draft applications are due January 24, 2019. Final applications are due February 21, 2019. Awards of up to \$125,000 for Seminars and up to \$200,000 are available to support projects lasting up to four weeks. Over the last five competitions this program has had a 30 percent funding ratio.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

2020 Fisheries Resource Monitoring Program
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice seeking applications to continue to be projects whose purpose is the collection, dissemination, and application of information used in the management of Federal subsistence fisheries in Alaska.

Applications are due March 15, 2019. Approximately \$1.5 million is available.

LINKS: [Grants.gov](#)

Building Capacity to Legal and Evidence Based Pretrial Decisions at the State and Local Level
Department of Justice (Justice), National Institute of Corrections (NIC)

Notice seeking applications to work closely with NIC's project manager to plan, coordinate and deliver all aspects of NIC's Pretrial Justice training to pretrial practitioners and decision-makers throughout the United States.

Applications are due February 11, 2019. Approximately \$90,000 is available to support one award for a 12-month project period.

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

OVW FY 2019 Sexual Assault Services Culturally Specific Program
FON:

Office on Violence Against Women (OVW), Department of Justice (Justice)

Notice seeking applications to establish, maintain, and expand sustainable, culturally appropriate services that address the unique needs and challenges of victims of sexual assault from culturally specific communities.

Letters of intent are strongly encouraged by January 30, 2019. Applications are due February 13, 2019. Private nonprofit organizations are eligible.

LINKS: [Grants.gov](#)

Defense Federal Acquisition Regulation Supplement: Contract Financing (DFARS Case 2019-D001); Public Meetings
Department of Defense (Defense)

Notice announcing three meetings to obtain views of experts and interested parties in Government and the private sector regarding revising policies and procedures for contract financing, performance incentives, and associated regulations for DoD contracts.

The meetings will be held January 10, 2019 from 9:00 a.m. to 12:00 p.m.; January 22, 2019 from 1:30 p.m. to 4:30 p.m.; and February 19, 2019 from 1:00 p.m. to 4:00 p.m. (all times Eastern). The meetings will be held in the Mark Center Auditorium, 4800 Mark Center Drive, Alexandria, VA.

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

Notice of Meeting of the National Environmental Education Advisory Council
Environmental Protection Agency (EPA)

Notice announcing a teleconference meeting of the National Environmental Education Advisory Council (NEEAC). The purpose of this meeting is to discuss specific topics of relevance for consideration by the council to provide advice and insights to the Agency on environmental education.

The meeting will be held on Wednesday, January 23, 2019 and Thursday January 24, 2019. from 9 a.m. until 4:30 p.m. CST. at: U.S. EPA Region 7, 11201 Renner Boulevard, Lenexa, KS 66209 (Lakeview Conference Room), 2.B-C.32.

LINKS: [Federal Register](#)

National Advisory Committee on Institutional Quality and Integrity (NACIQI)
Department of Education (Education)

Notice requesting nominations for the National Advisory Committee on Institutional Quality and Integrity. The committee is tasked with: The establishment and enforcement of the standards of accrediting agencies or

associations under subpart 2 of part H of Title IV, HEA; The recognition of specific accrediting agencies or associations; The preparation and publication of the list of nationally recognized accrediting agencies and associations; The eligibility and certification process for institutions of higher education under Title IV of the HEA, together with recommendations for improvements in such process; The relationship between (1) accreditation of institutions of higher education and the certification and eligibility of such institutions, and (2) State licensing responsibilities with respect to such institutions; and Any other advisory functions relating to accreditation and institutional eligibility that the Secretary may prescribe by regulation.

Nominations must be received by January 11, 2019.

LINKS: [Federal Register](#)

Facilitating Behavior Change with Persons under Community Supervision
Department of Justice (Justice), National Institute of Corrections (NIC)

Notice seeking applications to design and development of specialized training resources that will provide front-line community supervision staff the required knowledge, skills and abilities to incorporate Core Correctional Practices and effectively apply them during one-on-one interactions with offenders.

Applications are due February 11, 2019. Approximately \$150,000 is available for one award to support a project lasting up to 12 months.

Limited Submission: one application per institution (only the most recent).

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

FY 2019 International Sports Programming Initiative
Bureau of Educational and Cultural Affairs (ECA), Department of State (State)

Notice seeking applications to manage sports exchange projects designed to reach underserved youth and/or their coaches/sports administrators who manage youth sports programs to address a Sport and Social Change theme.

Applications are due February 22, 2019. Approximately \$2.1 million is available to support three projects lasting up to three years.

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

Mine Health and Safety Grants
Department of Labor (Labor), Mine Safety and Health Administration (MSHA)

Notice seeking applications to support mining safety and health education and training programs.

Applications are due February 13, 2019. Approximately \$10.5 million is available for up to 56 awards to support projects lasting up to one year.

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

NIC Resource Guide titled Guidelines for Developing a Criminal Justice Coordinating Committee Revision
Department of Justice (Justice), National Institute of Corrections (NIC)

Notice seeking applications to edit and update the "Guidelines for Developing a Criminal Justice Coordinating Committee" to help the criminal justice field establish or strengthen local criminal justice policymaking forums.

Applications are due March 15, 2019. Approximately \$20,000 is available for one award.

LINKS: [Grants.gov](#)

OVW FY 2019 Grants to Enhance Culturally Specific Services for Victims of Sexual Assault, Domestic Violence, Dating Violence and Stalking Program
Office on Violence Against Women (OVW), Department of Justice (Justice)

Notice seeking applications increase capacity and develop education and prevention strategies in order to provide culturally specific resources and support for victims of sexual assault, domestic violence, dating violence, and stalking crimes and their families. There are two priority areas in FY 19: 1) reduce violent crime against women (VCAW) and promote victim safety; and 2) Include substance abuse professionals in a coordinated community response to VCAW crimes and increase victim access to substance abuse services.

Optional letters of intent are due January 17, 2019. Applications are due February 7, 2019. Up to 21 awards are anticipated, ranging from \$250,000 to \$300,000, to support projects lasting up to 24 months. There will be two pre-application information sessions - see the solicitation for details.

Limited Submission: one application per institution.

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

University Centers for Excellence in Developmental Disabilities Education, Research and Service
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to support University Centers for Excellence in Developmental Disabilities Education, Research, and Service services carried out in four core functions: (1) offer interdisciplinary pre-service preparation and continuing education of students; (2) community services, including training, technical assistance, and/or demonstration and model activities; (3) research; and (4) dissemination of information.

Applications are due February 12, 2019. Approximately \$1.7 million is available for three awards to support projects lasting up to five years.

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

Meeting of the Fruit and Vegetable Industry Advisory Committee
United States Department of Agriculture (USDA)

Notice announcing a meeting of the Fruit and Vegetable Industry Advisory Committee to discuss the full spectrum of fruit and vegetable industry issues and provide recommendations and ideas to the Secretary of Agriculture on how the U.S. Department of Agriculture can tailor programs and services to better meet the needs of the U.S. produce industry.

The meeting will be held January 30, 2019 from 8:30 a.m. to 5:00 p.m. ET and January 31, 2019 from 8:30 a.m. to 1:00 p.m., ET at the Hyatt Regency Crystal City Hotel, 2799 Jefferson Davis Highway, Arlington, VA. In-person oral comments will be heard on January 30, 2019 and possibly on January 31, 2019. The deadline to submit written comments and/or sign up for oral comments is 11:59 p.m. ET, January 7, 2019.

LINKS: [Federal Register](#)

Workforce Information Advisory Council
Department of Labor (Labor), Employment and Training Administration (ETA)

Notice inviting interested parties to submit nominations for individuals to serve on the Workforce Information Advisory Council (WIAC). From the nominations received, Labor will fill all 14 slots on the Council.

Nominations must be submitted by February 11, 2019.

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

Weekly Funding Opportunities December 17, 2018

HEALTH and MENTAL HEALTH

Advanced Nursing Education Nurse Practitioner Residency (ANE-NPR) Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to prepare new nurse practitioners in primary care for practice in community-based settings through clinical and academic focused 12-month Nurse Practitioner Residency programs, with a preference for those projects that benefit rural or underserved populations.

Applications are due March 4, 2019. Approximately \$20 million is available to fund an estimated 20 awards.

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

Center without Walls for PET Ligand Development for Alzheimer's disease related dementias (ADRDs) (U19 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking proposals to develop PET radioligands that identify proteinopathies or pathological processes associated with the human biology of Alzheimer's disease related dementias (ADRDs). Activities supported include, but are not limited to the in vitro screening of existing ligands against human ADRD brain tissue, medicinal chemistry support for development of new compounds and improvement of existing ligand specificity and selectivity, initial screening of ligands in appropriate animal models, and radioligand formulation and first-in-human testing.

Optional letters of intent are due 30 days before the application. Application are due February 13, 2019. Approximately \$3.6 million is available to fund one to two awards in the first year.

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

Etiologic and Effectiveness Research to Address Polysubstance Impaired Driving
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to support etiologic and effectiveness research on driving while polysubstance impaired. Specifically, research is solicited to identify risk and protective factors associated with polysubstance impaired driving and its associated deaths and injuries, or to identify effective interventions to prevent polysubstance impaired driving and its associated deaths and injuries.

Letters of intent are due January 25, 2019. Applications are due March 15, 2019. Approximately \$1.4 million is available to support four awards.

LINKS: [Grants.gov](#)

Graduate Research Training Initiative for Student Enhancement (G-RISE) (T32)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications to develop a diverse pool of scientists earning a Ph.D., who have the skills to successfully transition into careers in the biomedical research workforce. This funding opportunity announcement (FOA) provides support to eligible, domestic institutions to develop and implement effective, evidence-based approaches to biomedical training and mentoring that will keep pace with the rapid evolution of the research enterprise.

Applications are due May 21, 2019; May 21, 2020; and May 21, 2021.

Limited Submission: Only one application per institution is allowed.

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

HEAL Initiative: Americas Startups and Small Businesses Build Technologies to Stop the Opioid Epidemic (R41-R42 - Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA); National Center for Advancing Translational Sciences (NCATS)

Notice seeking applications to develop technologies to provide science- and research-based solutions to the national opioid emergency and offer new hope for individuals, families, and communities affected by this devastating crisis.

Optional letters of intent are due 30 days prior to the application due date. Applications are due January 8, 2019, April 9, 2019, September 8, 2019, April 9, 2020, September 8, 2020, April 9, 2021, and September 8, 2021.

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

HEAL Initiative: Americas Startups and Small Businesses Build Technologies to Stop the Opioid Epidemic (R43-R44 - Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA); National Center for Advancing Translational Sciences (NCATS)

Notice seeking applications to develop technologies to provide science- and research-based solutions to the national opioid emergency and offer new hope for individuals, families, and communities affected by this devastating crisis.

Optional letters of intent are due 30 days prior to application due date. Applications are due January 8, 2019, April 9, 2019, September 8, 2019, April 9, 2020, September 8, 2020, April 9, 2021, and September 8, 2021. Approximately \$7 million is available to support 10 to 30 awards.

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

HEAL Initiative: Antenatal Opioid Exposure Longitudinal Study Consortium (PL1 Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking applications from consortia composed of a Data Coordinating Center and 2 or more Clinical Sites to conduct a multi-center prospective cohort study of infants exposed to opioids in utero compared to unexposed infants.

Requested letters of intent are due 30 days prior to the application due date. Applications are due March 29, 2019.

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

HEAL Initiative: Back Pain Consortium (BACPAC) Research Program Data Integration, Algorithm Development and Operations Management Center (U24 Clinical Trial Not Allowed)

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

Notice seeking applications that will focus on translational and clinical research for discovery of chronic low back pain (cLBP) mechanisms, and on identification and testing of new interventions targeted to individual patient.

Optional letters of intent are due February 20, 2019. Applications are due March 20, 2019. Approximately \$6 million is available to support one to two awards.

Limited Submission: Only one application per institution is allowed.

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

HEAL Initiative: Back Pain Consortium (BACPAC) Research Program Technology Research Sites (UH2-UH3 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications that will develop, test and deploy novel analytic tools, technologies and/or methods (TTM) that will improve our understanding of mechanisms of chronic low back pain (cLBP).

Optional letters of intent are due February 20, 2019. Applications are due March 20, 2019. Approximately \$2.6 million is available to support four to six awards.

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

HEAL Initiative: Back Pain Consortium (BACPAC) Research Program: Mechanistic Research Centers (U19 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to plan and implement Interdisciplinary Mechanistic Research Centers (MRC) in Low Back Pain (LBP) with the NIH Back Pain Consortium (BACPAC) Research Program. The MRCs will conduct translational and clinical research projects addressing critical gaps and opportunities in LBP with advanced analytics and approaches to improve understanding of disease and identify new targets for intervention. The MRCs will generate data for deep patient phenotyping and for the development of patient-based algorithms.

Optional letters of intent are due 30 days prior to the application due date. Applications are due March 20, 2019. Approximately \$15.1 million is available to support three to five awards.

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

HEAL Initiative: Back Pain Consortium (BACPAC) Research Program: Phase 2 Clinical Trials (UG3-UH3 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to plan and implement Phase 2 clinical trials (Phase 2CT) in chronic Low Back Pain (cLBP) with the NIH Back Pain Consortium (BACPAC) Research Program. BACPAC Phase 2 clinical trials (Phase 2CT) will evaluate interventions including medications, biologics, procedures, medical and assistive devices and technologies, diagnostic testing, behavioral change, rehabilitation strategies, complementary therapies for cLBP.

Optional letters of intent are due January 26, 2019. Applications are due February 26, 2019. Approximately \$1.3 million is available to support up to eight awards in Phase I. Five UH3 awards are anticipated.

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

HEAL Initiative: Behavioral Research to Improve MAT: Behavioral and Social Interventions to Improve Adherence to Medication Assisted Treatment for Opioid Use Disorders (R61-R33 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to examine the impact of behavioral and social interventions designed to improve adherence to Medication Assisted Treatment (MAT) for persons with Opioid Use Disorders (OUD).

Optional letters of intent are due January 8, 2019. Applications are due February 8, 2019. Approximately \$3.6 million is available to support six to eight awards.

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

HEAL Initiative: Biofabricated 3D Tissue Models of Nociception, Opioid Use Disorder and Overdose for Drug Screening (UH2-UH3 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS); National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking applications to support intramural-extramural collaborations to develop and implement the use of 3D biofabricated tissue models as novel drug screening platforms and advance pre-clinical discovery and development of non-addictive treatments for nociception, opioid use disorder (OUD) and/or overdose.

Optional letters of intent are due January 28, 2019. Applications are due February 28, 2019. Approximately \$1.5 million is available to support two to three awards.

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

HEAL Initiative: Clinical Devices to Treat Pain (UH3 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to encourage investigators to pursue a small clinical trial to obtain critical information necessary to advance recording and/or stimulating devices to treat pain with innovative, targeted, and non-addictive diagnostic and/or therapeutic devices that improve patient outcomes and decrease or eliminate the need to prescribe opioids.

Optional letters of intent are due 30 days prior to receipt date. Applications are due January 9, 2019, March 22, 2019, June 21, 2019, October 21, 2019, February 21, 2020, June 22, 2020, October 21, 2020, and February 21, 2021. Approximately \$3 million is available to support three to four awards.

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

HEAL Initiative: Coordinating Center to Support NIDA Preventing Opioid Use Disorder in Older Adolescents and Young Adults (ages 16-30) Initiative (U24 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications that will consist of research grants and a Coordinating Center, focused on establishing the evidence base for interventions and strategies to prevent initiation of opioid misuse and development of Opioid Use Disorder (OUD) in at-risk older adolescents and young adults.

Optional letters of intent are due 30 days prior to the application due date. Applications are due March 13, 2019. Approximately \$2 million is available to support one award. Cost sharing is required.

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

HEAL Initiative: Early Phase Pain Investigation Clinical Network - Clinical Coordinating Center (U24 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for the Clinical Coordinating Center (CCC) of the Early Phase Pain Investigation Clinical Network (EPPIC-Net). EPPIC-Net will provide a robust and readily accessible infrastructure for carrying out in-depth phenotyping and biomarker studies in patients with specific pain conditions, and the rapid design and performance of high-quality Phase 2 clinical trials to test promising novel therapeutics for pain from partners in academia or industry. The CCC will both help design and facilitate the implementation of clinical trials and studies.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 6, 2019. Approximately \$2.5 million is available to support one award in FY 2019.

Limited Submission: Only one application per institution.

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

Weekly Funding Opportunities December 17, 2018

HEAL Initiative: Early Phase Pain Investigation Clinical Network - Data Coordinating Center (U24 Clinical Trials Not Allowed)

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

Notice seeking applications for the Data Coordinating Center (DCC) of the Early Phase Pain Investigation Clinical Network (EPPIC-Net). As the main data manager for pain research in the HEAL Initiative, the EPPIC-Net DCC will host and manage clinical, neuroimaging, biomarker, omics, and preclinical data from EPPIC-Net and other components of the HEAL Initiative's pain research program.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 6, 2019. Direct costs should not exceed \$5,400,000 in year 1, and \$3,850,000 in years 2-5.

Limited Submission: Only one application per institution.

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

HEAL Initiative: Early Phase Pain Investigation Clinical Network - Specialized Clinical Centers (U24 Clinical Trial Not Allowed)

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

Notice seeking applications for the Specialized Clinical Centers ("hubs") of the Early Phase Pain Investigation Clinical Network (EPPIC-Net). EPPIC-Net will serve as the cornerstone of the NIH's Helping to End Addiction Long-term (HEAL) Initiative.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 6, 2019. Approximately \$2.8 million is available to support 10 awards.

Limited Submission: Only one application per institution is allowed.

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

HEAL Initiative: Effectiveness Trials to Optimize, Implement, Scale, and Sustain the Collaborative Care Model for Individuals with Opioid Use Disorders and Mental Health Conditions (U01 Clinical Trial Required)

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

Notice seeking applications to propose research to adapt the Collaborative Care Model (referred to henceforth as collaborative care) – a specific service delivery model for treating mental/behavioral health conditions in primary care settings – to meet the needs of individuals with opioid use disorders (OUDs) and co-occurring mental health conditions.

Optional letters of intent are due March 1, 2019. Applications are due April 1, 2019. Approximately \$10 million is available to support three to four awards per year.

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

HEAL Initiative: Integrated Approach to Pain and Opioid Use in Hemodialysis Patients: The Hemodialysis Opioid Prescription Effort (HOPE) Consortium - Clinical Centers (U01 Clinical Trial Required)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK); National Institute on Aging (NIA)

Notice seeking applications to develop an intervention to simultaneously address the problem of pain and opioid use in US HD populations by a) initiating multipronged pain treatment tailored individually to each patient, without opioids, and b) using buprenorphine and other novel agents to reduce dependence on opioids in affected patients.

Optional letters of intent are due February 27, 2019. Applications are due March 27, 2019. Approximately \$4.6 million is available to support seven awards.

Weekly Funding Opportunities December 17, 2018

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

HEAL Initiative: Integrated Approach to Pain and Opioid Use in Hemodialysis Patients: The Hemodialysis Opioid Prescription Effort (HOPE) Consortium - Scientific and Data Research Center (U01 Clinical Trial Required) National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK); National Institute on Aging (NIA)

Notice seeking applications to develop an intervention to simultaneously address the problem of pain and opioid use in US HD populations a) by initiating multipronged pain treatment tailored individually to each patient, without opioids, and b) by using buprenorphine and other novel agents to reduce dependence on opioids in affected patients.

Optional letters of intent are due February 27, 2019. Applications are due March 27, 2019. Approximately \$5.5 million is available to support one award.

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

HEAL Initiative: Justice Community Opioid Innovation Network (JCOIN) Clinical Research Centers (UG1 Clinical Trial Optional)

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

Notice seeking applications to establish the Justice Community Opioid Innovation Network (JCOIN) using the cooperative agreement mechanism. The purpose of the network is to establish a national consortium of investigators examining promising interventions and other approaches that can improve the capacity of the justice system to effectively respond to the opioid epidemic.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 27, 2019. Approximately \$23.5 million is available to support 8 to 12 awards.

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

HEAL Initiative: Justice Community Opioid Innovation Network (JCOIN) Coordination and Translation Center (U2C Clinical Trial Optional)

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

Notice seeking applications to establish a national consortium of investigators examining promising interventions and other approaches that can improve the capacity of the justice system to effectively respond to the opioid epidemic. This FOA solicits applications for a Coordination and Translation Center.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 27, 2019. Approximately \$3.5 million is available to support one award.

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

HEAL Initiative: Pain Management Effectiveness Research Network: Clinical Trial Planning and Implementation Cooperative Agreement (UG3-UH3 Clinical Trial Required)

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

Notice seeking applications that propose clinical trials to test the comparative effectiveness of existing therapies or effectiveness of existing or novel approaches for prevention and management of pain while reducing risk of addiction.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 1, 2019. Approximately \$4 million is available to support five awards in FY 2019.

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

Weekly Funding Opportunities December 17, 2018

HEAL Initiative: Pragmatic and Implementation Studies for the Management of Pain to Reduce Opioid Prescribing (PRISM) (UG3-UH3, Clinical Trials Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to conduct efficient, large-scale pragmatic or implementation trials to improve pain management and reduce the unnecessary use of opioid medications. Awards made under this FOA will initially support a one-year milestone-driven planning phase (UG3), with possible transition to an implementation phase (UH3) of up to 4 years duration (5 years total for the two phases).

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 8, 2019. Approximately \$4.5 million is available to support six to seven awards in FY 2019.

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

HEAL Initiative: Pragmatic Randomized Controlled Trial of Acupuncture for Management of Chronic Low Back Pain in Older Adults (UG3-UH3 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to conduct an efficient, large-scale pragmatic trial to evaluate the impact of, and strategies to best implement, acupuncture treatment of older adults (65 years and older) with chronic low back pain. This FOA requires that the intervention under study be embedded into health care delivery system, "real world" settings.

Optional letters of intent are due 30 days prior to the application due date. Applications are due March 15, 2019. Approximately \$1.25 million is available to support one to two awards.

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

HEAL Initiative: Preventing Opioid Use Disorder in Older Adolescents and Young Adults (ages 16-30) (UG3 and UH3 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to consist of research grants and a coordinating center, focused on establishing the evidence base for interventions and strategies to prevent initiation of opioid misuse and development of Opioid Use Disorder (OUD) in at-risk older adolescents and young adults.

Optional letters of intent are due 30 days prior to the application due date. Applications are due March 13, 2019. Approximately \$10 million is available to support 8 to 10 awards.

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

HEAL Initiative: Sleep and Circadian-Dependent Mechanisms Contributing to Opiate Use Disorder (OUD) and Response to Medication Assisted Treatment (MAT) (R01 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Heart, Lung, and Blood Institute (NHLBI); National Institute on Drug Abuse (NIDA)

Notice seeking applications that propose to elucidate basic sleep and circadian mechanisms closely-coupled to the risk of opiate use disorder (OUD), the pathobiology of opiate withdrawal, and that influence the response to medication-assisted treatment (MAT). Studies are needed to apply advances in understanding sleep and circadian biology to improving our understanding of OUD, the directionality of sleep and OUD interactions, and the opportunities to improve therapy and outcome.

Optional letters of intent are due January 27, 2019. Applications are due February 27, 2019. Approximately \$2.7 million is available to support five awards in FY 2019 through FY 2021.

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

Weekly Funding Opportunities December 17, 2018

HEAL Initiative: Sleep and Circadian-Dependent Mechanisms Contributing to Opiate Use Disorder (OUD) and Response to Medication Assisted Treatment (MAT) (U01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for human subjects research to elucidate sleep/circadian mechanisms closely-coupled to the risk of opiate use disorder (OUD), the pathobiology of opiate withdrawal, and the response to medication-assisted treatment (MAT). Identifying sleep/circadian mechanisms and determining the directionality of sleep and OUD interactions addresses a knowledge gap and new opportunities for improved therapy and outcome.

Optional letters of intent are due January 27, 2019. Applications are due February 27, 2019. Approximately \$4 million per year is available to support three awards for FY 2019 through FY 2022.

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

HEAL Initiative: Stimulating Peripheral Activity to Relieve Conditions (SPARC): Anatomical and Functional Mapping of Pain-Related Visceral Organ Neural Circuitry (U01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Neurological Disorders and Stroke (NINDS)

Notice seeking applications proposing to map neural circuitry mediating visceral organ pain. This FOA is part of the Stimulating Peripheral Activity to Relieve Conditions (SPARC) Common Fund program and is coordinated with the Translational Devices to Treat Pain (TDTP) initiatives of the NIH HEAL program.

Optional letters of intent are due 30 days prior to the application due date. Applications are due February 8, 2019. Approximately \$5 million per year is available to support 8 to 10 awards.

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

HEAL Initiative: Tissue Chips to Model Nociception, Addiction, and Overdose (UG3-UH3 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to create and test devices that can model the mechanisms or effects of nociception/pain-relevant signaling, addiction, or opioid use disorders (OUDs), using human tissues in in vitro microphysiological systems (MPS). Tissue chips, or microphysiological systems, are useful and promising in vitro human-based screening platforms because they closely mimic in vivo human physiology.

Optional letters of intent are due January 28, 2019. Applications are due February 28, 2019. Approximately \$5 million is available to support four to six awards. Cost sharing is required.

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

HEAL Initiative: Translational Development of Devices to Treat Pain (U18 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support preclinical development and demonstration of safe, effective, and non-addictive device-based technologies and approaches to treat pain. The goal of the program is to demonstrate treatment using credible neural targets for device-based interventions and/or diagnostics for pain, building upon the latest mechanistic knowledge about the anatomy and physiology of central, spinal, and peripheral pathways involved in pain.

Requested letters of intent are due 30 days prior to the application due date. Applications are due March 22, 2019, June 20, 2019, October 22, 2019, February 21, 2020, June 22, 2020, October 21, 2020, and February 22, 2021. Approximately \$3 million is available to support 5 to 10 awards.

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

Weekly Funding Opportunities December 17, 2018

HEAL Initiative: Translational Devices to Treat Pain (UG3-UH3 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to encourage investigators to pursue translational activities and clinical trials to treat pain with innovative, targeted, and non-addictive diagnostic and/or therapeutic devices that improve patient outcomes and decrease or eliminate the need to prescribe opioids.

Optional letters of intent are due 30 days prior to receipt date. Applications are due January 9, 2019, March 22, 2019, June 21, 2019, October 21, 2019, February 21, 2020, June 22, 2020, October 21, 2020, and February 21, 2021. Approximately \$4 million is available to support three to six awards.

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

NIDCR Mentoring Network to Support a Diverse Dental, Oral and Craniofacial Research Workforce (UE5 Clinical Trials 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 educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. The major goal of this UE5 program is to establish a mentoring network that will facilitate a diverse pool of early career investigators, including those from groups identified as underrepresented (see NOT-OD-18-210), to advance their research careers and/or transition to the next career stage and to develop a high quality independently funded research program.

Optional letters of intent are due April 30, 2019. Applications are due May 30, 2019. Approximately \$300,000 is available to support one award.

Limited Submission: Only one application per institution is allowed.

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

Occupational Safety and Health Surveillance Collaboration, Education and Translation
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking proposals to advance education and translation through the operation of an open-access online repository for occupational health information and surveillance data. States, Non-governmental organizations, and tribes will draw upon relationships with their stakeholders to use surveillance data to take action such as identify or support tribal and state priorities, and guide coordinated, targeted efforts to protect workers; monitor statistical and other trends and progress over time (i.e., burden and impact); propose pilot and evaluation activities for addressing disease burden or impact; conduct educational and outreach activities; and to develop prevention and intervention recommendations.

Applications are due January 31, 2019 by 5:00 p.m. ET. Multiple awards are anticipated, with a per-award ceiling of \$225,000.

LINKS: [Grants.gov](#)

Physical Sciences-Oncology Network (PS-ON): Physical Sciences-Oncology Projects (PS-OP) (U01 Clinical Trial Optional)

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

Notice seeking applications to foster the convergence of physical sciences approaches and perspectives with cancer research to advance our understanding of cancer biology and oncology by forming transdisciplinary teams of physical scientists and cancer biologists/physician scientists. Examples of physical scientists may include engineers, physicists, mathematicians, chemists, and computer scientists.

Weekly Funding Opportunities December 17, 2018

Optional letters of intent are due 30 days prior to the application due date. Applications are due January 30, 2019; July 30, 2019; January 30, 2020; and July 30, 2020.

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

Research Grants for Preventing Violence and Violence Related Injury (R01)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications for research that will help expand and advance our understanding about what works to prevent violence that impacts children and youth, collectively referred to as Adverse Childhood Experiences (ACEs), including child abuse and neglect, teen dating violence, sexual violence, youth violence, youth/parent suicidal behavior, and exposure to adult intimate partner violence as detailed elsewhere in this announcement.

Requested letters of intent are due January 28, 2019. Applications are due March 8, 2019. Approximately \$3.15 million is available to support up to three awards over three years.

LINKS: [Grants.gov](#)

Small Molecule Antibiotic Drug Development for Combating Antibiotic Resistant Bacteria (CARB)
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USMRAA)

Notice seeking proposals that aims to develop a lead prototype compound (pre-clinical candidate) that must be efficacious against clinically-relevant gram negative bacteria in animal infection models, have clinically acceptable pharmacokinetics (PK) and dynamics for oral or parenteral administration, and a low-to-acceptable toxicity profile.

White papers are due January 24, 2019. Approximately \$1 million is available to support one award. Partnerships are encouraged.

LINKS: [FBO](#)

Switzer Research Fellowships Program
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking proposals from individuals for fellowships to conduct research on the rehabilitation of individuals with disabilities. Both Merit (early-career) and Distinguished (established) Fellowships are available.

Applications are due February 11, 2019. Approximately \$435,000 is available to fund an estimated six awards.

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

U3D Maternal and Child Health Measurement Research Network (MRN)
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS),
Maternal and Child Health Bureau

Notice seeking applications to coordinate a national platform for advancing the knowledge and practice of measurement in the field of maternal and child health (MCH) by recruiting, convening, and actively engaging a national network of interdisciplinary researchers who will lead the development/refinement of a national agenda for MCH measurement research and the production of an evolving compendium of MCH measures.

Applications are due February 15, 2019. Approximately \$301,000 is available to support one award.

LINKS: [Grants.gov](#)

The Tobacco Products Scientific Advisory Committee; Notice of Meeting
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Weekly Funding Opportunities December 17, 2018

Notice announcing a meeting of the Tobacco Products Scientific Advisory Committee to discuss amendments to the modified risk tobacco product applications of various tobacco products.

The meeting will be held on February 6, 2019 from 8:30 a.m. to 5:00 p.m. and February 7 from 8:00 a.m. to 1:00 p.m. ET.

LINKS: [Federal Register](#)

Nominations to the Advisory Committee on Blood and Tissue Safety and Availability
Department of Health and Human Services (HHS)

Notice seeking nominations for the Advisory Committee on Blood and Tissue Safety and Availability, which advises on a range of policy issues to include: broad public health, ethical and legal issues related to transfusion and transplantation safety; risk communications related to blood transfusion and tissue transplantation; and the identification of public health issues that affect the availability of blood, blood products, and tissues.

Nominations are due December 28, 2018 by 4:00 p.m. ET.

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

Discovery of the Genetic Basis of Childhood Cancers and of Structural Birth Defects: Gabriella Miller Kids First Pediatric Research Program (X01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), Common Fund initiative

Notice seeking applications to propose sequencing of existing pediatric cancer cohorts to elucidate the genetic contribution to childhood cancers, or to expand the range of disorders included within the Kids First Data Resource to investigate the genetic etiology of structural birth defects.

Applications are due February 21, 2019. There are no funds associated with a resource access award. Awardees will gain access to research resources or pre-applications for one year.

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

FY19-FY20 Department of Defense HIV/AIDS Prevention Program: Military Specific HIV/AIDS Prevention, Care, and Treatment Program for Non-PEPFAR President's Emergency Plan for AID Relief Funded Countries
Navy (Navy), Department of Defense (Defense)

Notice seeking concept papers and proposals to build capacity and support the efforts of military in foreign countries to prevent, care for, and treat HIV infection in a variety of topic areas.

Concept papers and invited applications will be accepted until September 30, 2019. Amendments will be posted to Grants.gov throughout FY 19 and FY 20 soliciting concept papers for specific countries with specific submission deadlines. All respondents must demonstrate the active support of the in-country military and the DoD representative in the corresponding U.S. Embassy in the planning and execution of their proposals.

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

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

Notice announcing an open meeting of the NIDCD to report on divisional, programmatic, and special activities.

The meeting will be held 9:40 a.m. to 1:50 p.m., ET on January 25, 2019 at National Institutes of Health, Neuroscience Center, Room C and D, 6001 Executive Boulevard, Rockville, MD.

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

Weekly Funding Opportunities December 17, 2018

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Mid-scale Research Infrastructure-2
National Science Foundation (NSF)

Notice seeking proposals that supports implementation of projects that comprise any combination of equipment, instrumentation, computational hardware and software, and the necessary commissioning and human capital in support of implementation of the same. The total cost for Mid-scale RI-2 projects ranges from \$20 million to below the minimum award funded by the Major Research Equipment and Facilities Construction (MREFC) Program, currently \$70 million.

Required letters of intent are due February 8, 2019. Required preliminary proposals are due March 11, 2019. Invited proposals are due August 2, 2019. Approximately \$150 million is available to support four to six awards over five years.

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

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

Notice seeking proposals to develop new technological approaches in medicinal chemistry and systems pharmacology to expand the druggable proteome and discover new therapeutic tools in the areas of soft tissue pain/inflammation and metabolic stress that limit optimal physiological function.

Abstracts are due January 7, 2019. Proposals are due February 22, 2019. Multiple awards are anticipated.

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

ROSES 2018: Astrodynamics in Support of Icy Worlds Missions
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for the formulation, maturation, and validation of promising, astrodynamics analysis tools to be used in science missions to icy moons orbiting the Solar System's giant planets.

Proposals are due January 18, 2019. An estimated five awards with an annual budget of \$100,000 are anticipated.

LINKS: [Grants.gov](#)

Board of Scientific Counselors (BOSC) Air and Energy Subcommittee Meeting
Environmental Protection Agency (EPA)

Notice announcing a meeting of the Board of Scientific Counselors (BOSC) Air and Energy Subcommittee.

The meeting will be held on Wednesday, January 9, 2019, from 3:00 p.m. to 5:00 p.m. ET. The meeting will be a conference call and the number will be provided following registration at <https://epa-bosc-airandenergy-subcommittee-teleconference.eventbrite.com>. Attendees should register by January 8, 2019.

LINKS: [Federal Register](#)

Board of Scientific Counselors (BOSC) Chemical Safety for Sustainability Subcommittee Meeting
Environmental Protection Agency (EPA)

Notice announcing a meeting of the Board of Scientific Counselors (BOSC) Chemical Safety for Sustainability

Weekly Funding Opportunities December 17, 2018

Subcommittee.

The meeting will be held Monday, January 14, 2019, from 8:00 a.m. to 5:00 p.m., Tuesday, January 15, 2019, from 8:00 a.m. until 5:00 p.m. and Wednesday, January 16, 2019, from 8:00 a.m. until 2:00 p.m. All times noted are Eastern Time and approximate. The meeting will be held at the EPA's Research Triangle Park Main Campus Facility, 109 T.W. Alexander Drive, Research Triangle Park, North Carolina.

LINKS: [Federal Register](#)

Good Neighbor Environmental Board; Notification of Public Advisory Committee Teleconference
Environmental Protection Agency (EPA)

Notice announcing a teleconference of the Good Neighbor Environmental Board to discuss and approve the Board's annual letter to the President, which focuses on energy infrastructure along the U.S.-Mexico border.

The teleconference will be held December 19, 2018 from 12:00 p.m. to 4:00 p.m. ET.

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

A--Panel Design Program

Navy (Navy), Department of Defense (Defense), Naval Facilities Engineering Command

Notice announcing a Broad Agency Announcement (BAA) for the DoD Lock Program which is looking for academic and independent groups that have already developed and calibrated numerical models of panel cross sections to optimize the existing panel cross section. The BAA is looking for groups that have developed, validated, and calibrated numerical models of energetic tools. As part of this process the investigation into new types of polymers for use within the cross section can be included.

Required pre-proposals are due January 28, 2019.

LINKS: [FBO](#)

Energy-Water Desalination Hub

Department of Energy (Energy), Office of Energy Efficiency and Renewable Energy (EERE)

Notice seeking applications to form a water desalination hub bringing together expertise organized around four topic areas related to water security issues: 1) Materials Research and Development, 2) New Process Research and Development, 3) Modeling and Simulation Tools, and 4) Integrated Data and Analysis. The hub will serve as a component in DOE's broader Water Security Grand Challenge.

Required concept papers are due February 7, 2019. Invited applications are due May 7, 2019.

Approximately \$100 million is available to support a project lasting up to five years. An informational webinar will be held January 7, 2019 at 3:00 p.m. - register at this link <https://tinyurl.com/y9x7z9sk>. Applicants must be consortia of at least two entities which may include an institute of higher education, an appropriate state or federal entity, an appropriate nongovernmental organization, or other entity deemed appropriate by the DOE Secretary.

Limited Submission: An entity may submit only one concept paper and full application (but may collaborate on other applications as a subrecipient or partner).

LINKS: [Grants.gov](#)

Harnessing the Data Revolution (HDR): Institutes for Data-Intensive Research in Science and Engineering - Ideas Labs

Directorate for Computer & Information Science & Engineering (CISE), National Science Foundation (NSF)

Notice seeking proposals from teams of researchers to develop innovative, collaborative research that harnesses diverse data sources and develops and applies new methodologies, technologies, and infrastructure

Weekly Funding Opportunities December 17, 2018

for data management and analysis in the following areas: foundations of data science; algorithms and systems for data science; data-intensive science and engineering; data cyberinfrastructure; and education and workforce development. This solicitation is part of a multi-part effort to address one of NSF's "10 Big Ideas": Harnessing the Data Revolution.

Preliminary proposals are due January 28, 2019. Invited proposals are due June 19, 2019. Approximately \$20 million is available for 10 to 15 awards.

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

ROSES 2018: Heliophysics Living With a Star
National Aeronautics and Space Administration (NASA), Science Mission Directorate

Notice seeking applications to understand the Sun and its interactions with the Earth and the Solar System, including space weather. ROSES is an omnibus NRA, with many individual program elements, each with its own due dates and topics.

Step 1 pre-applications are due February 14, 2019. Step 2 full proposals are due March 29, 2019. Approximately \$100,000 - \$1 million is available for multiple projects lasting up to three years.

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

Special Program Announcement for Office of Naval Research Task Force Ocean
Navy (Navy), Department of Defense (Defense)

Notice seeking applications to facilitate basic and applied research, and that part of development not related to the development of a specific system or hardware procurement technology development ranging across a spectrum of science and engineering disciplines.

White papers and/or proposals are due June 28, 2019. Approximately 99 awards are available for projects lasting up to five years.

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

Advisory Committee for Environmental Research and Education; Notice of Meeting
National Science Foundation (NSF)

Notice announcing an open meeting to provide advice, recommendations, and oversight concerning support for environmental research and education.

The meeting will be held March 18, 2019; 9:00 a.m. to 5:30 p.m., ET and March 19, 2019; 9:00 a.m. to 3:00 p.m., ET at the National Science Foundation, 2415 Eisenhower Avenue, Room E 2020, Alexandria, VA.

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

Astronomy and Astrophysics Advisory Committee; Notice of Meeting
Directorate for Mathematical & Physical Sciences (MPS), Department of Energy (Energy), National Aeronautics and Space Administration (NASA), National Science Foundation (NSF)

Notice announcing an open meeting to provide advice and recommendations to the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA) and the U.S. Department of Energy (DOE) on issues within the field of astronomy and astrophysics that are of mutual interest and concern to the agencies.

The meeting will be held January 29, 2019; 9:00 a.m.-5:00 p.m., ET and January 30, 2019, 9:00 a.m.-12:00 p.m., ET at the National Science Foundation, 2415 Eisenhower Avenue, Room E2020, Alexandria, VA.

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