

UNO FOCUS:

Coastal Connections Competition for University of New Orleans and Tulane University Students
Louisiana Sea Grant

Students give a clear, compelling presentation on their coastal research. Each university's top two presenters receive \$500 in travel awards. The competition will take place during *InnovateUNO* on November 21, 2019 at 11:00 a.m. in the University of New Orleans's Earl K. Long Library.

Applications are due October 25, 2019. Graduate students have three minutes to present a compelling oration on their research topic and its significance using two slides. Coastal Connections focuses on the ability of students to consolidate their ideas and crystalize their research discoveries.

LINKS: [Register](#)

The PI Launchpad: From Science Idea to NASA Mission (Workshop)
NASA, University of Arizona, and Heising-Simons Foundation

Are you thinking about developing your first flight mission proposal in the next few years but have no idea where to start? If you are a researcher in any NASA Science Mission Directorate (SMD) discipline who wants to take your career to the next level but have not yet held a leadership position on mission proposals or large science teams, this is the workshop for you.

Join us November 18 - 20, 2019 in Tucson, AZ for Launchpad: an expenses-paid three-day workshop that will teach you the skills to get your mission idea off the ground.

LINKS: [Apply](#)

ARTS, HUMANITIES, and INTERNATIONAL

USAID-Uganda Combatting Wildlife Crime Activity
United States Agency for International Development (USAID)

Notice seeking applications to reduce wildlife crime in Uganda through the following three interrelated outcomes: New and enhanced coordination mechanisms and interagency cooperation improve enforcement and data-sharing; Institutional strengthening, capacity building, and systems approaches enhance wildlife crime deterrence, detection, enforcement, and prosecution; and High-quality data and analysis informs anti-wildlife crime approaches.

Applications are due October 21, 2019. Approximately \$4 million is available to support one award over a five-year period.

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

AmeriCorps State and National Grants FY 2020
Corporation for National and Community Service (CNCS)

Notice announcing the availability of AmeriCorps grants which are awarded to eligible organizations proposing to engage AmeriCorps members in evidence-based or evidence-informed interventions to strengthen communities. An AmeriCorps member is an individual who engages in community service through an approved national service position. Members may receive a living allowance and other benefits while serving.

Applications are due January 8, 2020.

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

BLM FY2020 Bureau-wide Management Studies Support Program for National Conservation Lands
Bureau of Land Management (BLM), Department of the Interior (Interior)

Notice supporting applications for studies aimed at increasing our understanding of the resources present on BLM lands and the effectiveness of BLM's resource management decisions. The program seeks to develop and maintain strong partnerships with state, local, and private stakeholders in shared conservation stewardship by engaging partners in conducting management-focused research on the National Conservation Lands. Results from these studies on National Conservation Lands will inform management strategies utilized throughout BLM as well as other land management entities.

Applications are due November 15, 2019. Approximately \$375,000 is available for 15 awards.

LINKS: [Grants.gov](#)

Head Start and-or Early Head Start Grantee
Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice announcing multiple opportunities to compete for funds that are available to provide Head Start and/or Early Head Start services to children and families.

Applications are due November 12, 2019. Multiple opportunities across various regions are available. Stakeholders are encouraged to search Grants.gov by agency (HHS, ACF, OHS).

LINKS: [Grants.gov](#)

Notice Announcing Availability of Funds and Application Deadline; Emergency Assistance to Institutions of Higher Education
Department of Education (Education), Office of Postsecondary Education (OPE)

Notice seeking applications for emergency assistance to eligible IHEs affected by Hurricanes Florence and Michael, Typhoon Mangkhut, Super Typhoon Yutu, and wildfires, earthquakes, and volcanic eruptions occurring in calendar year 2018 and tornadoes and floods occurring in calendar year 2019 for which a major disaster or emergency has been declared under section 401 or 501 of the Robert T. Stafford Disaster Relief and Emergency Assistance Act (42 U.S.C. 5170 and 5191) (hereafter referred to as "a covered disaster or emergency").

Applications are due October 28, 2019. Colleges and universities located in areas directly affected by a covered disaster or emergency are eligible.

LINKS: [Federal Register](#)

Advisory Committee on Veterans' Employment, Training and Employer Outreach (ACVETEO): Meeting
Department of Labor (Labor), Veterans' Employment and Training Service (VETS)

Notice announcing a meeting scheduled to discuss the Department of Labor (DOL) core programs and services that assist veterans seeking employment and raise employer awareness as to the advantages of hiring veterans.

The meeting will be held October 15, 2019 from 9:00 a.m. to 4:30 p.m., ET at DOL, Frances Perkins Building, 200 Constitution Ave., NW, Washington, D.C., Conference Room N-4437 A, B & C. To attend, email the contact with the subject line "October 2019 ACVETEO MEETING" by October 11, 2019.

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

Technology Advisory Committee
Commodity Futures Trading Commission (CFTC)

Notice announcing a meeting of the Technology Advisory Committee. At this meeting, the TAC will hear presentations and actionable recommendations from the TAC subcommittees on Automated and Modern Trading Markets, Distributed Ledger Technology and Market Infrastructure, Virtual Currencies, and Cyber Security.

The meeting will be held October 3, 2019, from 10:00 a.m. to 3:30 p.m. in the Conference Center at the CFTC's headquarters, Three Lafayette Centre, 1155 21st Street NW, Washington, DC. Members of the public who wish to submit written statements in connection with the meeting should submit them by October 10, 2019.

LINKS: [Federal Register](#)

Women's Suffrage Centennial Commission; Notification of Public Meeting
General Services Administration (GSA)

Notice announcing a meeting of the Women's Suffrage Centennial Commission.

The meeting will be held Thursday, October 3, 2019, beginning at 9:00 a.m., ET, and ending no later than 4:00 p.m., ET at the Workhouse Arts Center, 9518 Workhouse Way, Lorton, VA.

LINKS: [Federal Register](#)

Notice of a Letter Regarding the Duke-UNC Consortium for Middle East Studies
Department of Education (Education)

Notice releasing a letter to University of North Carolina at Chapel Hill (UNC) questioning the appropriate use of Title VI funds by the Duke University-UNC Consortium for Middle East Studies.

LINKS: [Federal Register](#)

HEALTH and MENTAL HEALTH

Complex Integrated Multi-Component Projects in Aging Research (U19 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications that propose large-scale, complex research projects with multiple highly integrated components focused on a common research question relevant to aging. Such projects will likely involve an integrated multidisciplinary team of investigators within a single institution or a consortium of institutions.

Optional letters of intent are due 30 days prior to the application due date. Applications are due January 25, May 25, and September 25 annually through September 26, 2022.

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

Fertility and Fertility Preservation for Patients with Diseases that Previously Precluded Reproduction (R21 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice encouraging studies on reproductive health, fertility and fertility preservation or fertility treatment options in patients born with a serious chronic condition who can now expect to survive into adulthood healthy enough to consider their reproductive health and fertility options. This FOA encourages teams of scientists with expertise in the realm of the particular disease and in reproductive health and fertility to work together to understand the effects of the diseases and/or their treatments on parameters of reproductive health, and to identify ways to preserve, protect, or treat reproductive deficits in these patients.

Optional letters of intent are due 30 days prior to application due date. Applications are due November 26, 2019. Approximately \$1.2 million in FY 20 is available to fund eight awards.

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

Improving the Reach and Quality of Cancer Care in Rural Populations (R01 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to reduce the burden of cancer and improve the quality of cancer care in rural areas among low-income and/or underserved populations. The FOA encourages two types of applications: (1) observational research that includes intervention pilot testing to understand and address predictors of cancer care/treatment and outcomes in rural low-income and/or underserved populations; or (2) intervention research to address known predictors of cancer care/treatment and outcomes in rural low-income and/or underserved populations.

Optional letters of intent are due 30 days prior to the application due date. Applications are due January 15, 2020. Approximately \$3 million is available for four to six awards.

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

Informatics Technology for Cancer Research Education Center (UE5 Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to support research education activities in the mission areas of the NIH. The overarching goal of this National Cancer Institute (NCI) UE5 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs.

Optional letters of intent are due 30 days prior to the application due date. Applications are due December 19, 2019 and July 31, 2020. Approximately \$810,000 is available for one award.

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

Mobile Health: Technology and Outcomes in Low- and Middle-Income Countries (R21-R33 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking exploratory/developmental research applications that propose to study the development, validation, feasibility, and effectiveness of innovative mobile health (mHealth) interventions or tools specifically suited for low- and middle-income countries (LMICs) that utilize new or emerging technology, platforms, systems, or analytics. Applicants are required to propose partnerships between at least one U.S. institution and one LMIC institution.

Optional letters of intent are due October 19, 2019 and August 24, 2020. Applications are due November 19, 2019 and September 24, 2020. This FOA provides support for up to two years (R21 phase) for technology development and feasibility studies, followed by a possible transition to expanded research support (R33 phase) for validation, larger-scale feasibility, and effectiveness studies. Transition to the R33 depends on the completion of applicant-defined milestones, as well as program priorities and the availability of funds. All applicants must address both the R21 and R33 phases.

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

Omics-guided Biobehavioral Interventions for Improved Health Outcomes: A Step Forward in Translation (R01 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Nursing Research (NINR)

Notice seeking applications to stimulate clinical research that harnesses the wealth of advances in the fields of genomics and other omics (e.g., metabolomics, microbiomics, proteomics, transcriptomics, epigenomics, etc.) to incorporate these advances into translatable, personalized biobehavioral interventions for improved health outcomes.

Applications are due February 5, June 5 and October 5 annually through January 8, 2023.

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

Small Research Grants for Analyses of Gabriella Miller Kids First Pediatric Research Data (R03 Clinical Trial Not Allowed)

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

Notice seeking applications to develop a pediatric research data resource populated by genome sequence and phenotypic data that will be of high value for the communities of investigators who study the genetics of childhood cancers and/or structural birth defects.

Applications are February 16, June 16, and October 16 annually through January 8, 2023.

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

The Rat Opioid Genome Project: Clinical Trials not Allowed (U01- Clinical Trial Not Allowed)

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

Notice seeking applications to identify genetic, genomic, and molecular (epi)genetic variants that underlie phenotypes associated with vulnerability to distinct stages along the opioid use disorder (OUD) trajectory (e.g. initial/acute use, escalation of use, acquisition of tolerance, dependence, uncontrolled use, abstinence and relapse or recovery). Additionally, applications should identify genetic, genomic, and molecular (epi)genetic variants underlying phenotypes of conditions associated with OUD (e.g. respiratory depression, hyperalgesia, constipation, urinary retention, etc.).

Optional letters of intent are due October 18, 2019. Applications are due November 19, 2019. Approximately \$3 million is available for up to six awards.

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

National Institute of Diabetes and Digestive and Kidney Diseases, Notice of Meetings.
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing open portions of NIDDK meetings to discuss various topics.

The open portions of the meetings will occur on January 29, 2020 at NIH, Building 31, C Wing, 6th Floor, Conference Room 6, 31 Center Drive, Bethesda, MD 20892. See notice for open times.

LINKS: [Federal Register](#)

National Institute of General Medical Sciences Notice of Meeting
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing open portion of NIGMS meeting. The agenda will include discussion of program policies and issues; opening remarks; report of the Director, NIGMS; and other business of the Council.

The meeting will occur on January 17, 2020, 8:30 a.m. to Noon ET at NIH, Natcher Building, Conference Rooms E1 & E2, 45 Center Drive, Bethesda, MD 20892.

LINKS: [Federal Register](#)

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

Notice announcing open portions of NIA meetings to discuss various topics.

The open portions of the meetings will occur on October 22 and 23, 2019 at NIA, Biomedical Research Center, 251 Bayview Boulevard, Baltimore, MD 21224. See notice for open times during each day.

LINKS: [Federal Register](#)

Bioinformatics Interdisciplinary Postdoctoral Fellowship in Diabetes, Endocrinology and Metabolic Diseases (F32)

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

Notice seeking applications to enable promising postdoctoral fellows to obtain interdisciplinary training from outstanding faculty sponsors in bioinformatics and scientific research relevant to the mission of NIDDK's Division of Diabetes, Endocrinology and Metabolic Diseases (DDEMD). This training will require mentorship in both bioinformatics and metabolic disease disciplines.

Applications are due annually on April 8, August 8, and December 8. Program expires September 8, 2022.

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

Bioinformatics Interdisciplinary Predoctoral Fellowship in Diabetes, Endocrinology and Metabolic Diseases (F31)

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

Notice seeking applications to enable promising predoctoral fellows to obtain interdisciplinary training during the dissertation phase of their training from outstanding faculty sponsors in bioinformatics and scientific research relevant to the mission of NIDDK's Division of Diabetes, Endocrinology and Metabolic Diseases (DDEMD). This training will require mentorship in both bioinformatics and metabolic disease disciplines.

Applications are due annually on April 8, August 8, and December 8. Program expires September 8, 2022.

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

Cancer Intervention and Surveillance Modeling Network (CISNET) (U01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications for collaborative research projects using simulation and other modeling techniques for specific cancer types. The proposed research is expected to generate sophisticated, evidence-based decision tools that could inform international/national/regional/local decisions on the most efficient utilization of existing and emerging technologies and strategies for the control of cancer.

Optional letters of intent are due November 10, 2019. Applications are due December 10, 2019. Approximately \$10 million is available for up to six awards.

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

Dementia Care: Home- and Community-Based Services (HCBS) (R01-R21 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications to examine the outcomes of care for persons with Alzheimer's disease and Alzheimer's disease-related dementias (AD/ADRD) by identifying home- and community-based services (HCBS) used, as well as barriers to accessing these types of care and unmet needs of persons with AD/ADRD concerning care and services.

Optional letters of intent are due January 3, 2020. Applications are due February 3, 2020. Approximately \$3.53 million is available to support six R01 awards. Approximately \$750,000 is available to support three R21 awards.

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

Initiative to Maximize Research Education in Genomics: Diversity Action Plan (R25)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Human Genome Research Institute (NHGRI)

Notice seeking applications to support creative educational activities with a primary focus on research experiences during either the summer or academic year. The research experiences must be based on the foundational sciences relevant to genomics: genomic sciences (e.g. technology development, data science); genomic medicine (e.g. epidemiology, pharmacogenomics, clinical implementation); and genomics and society (e.g. bioethics, social and behavioral sciences, law, the humanities). A secondary focus is on Courses for Skills Development.

Optional letters of intent are due 30 days before the application deadline. Applications are due January 25, 2020, January 25, 2021, and January 25, 2022.

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

Innovative Epidemiologic Approaches for Understanding Long-term Health Outcomes of HIV-exposed Uninfected (HEU) Populations (R61 R33 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD); National Institute of Mental Health (NIMH)

Notice seeking applications to generate information needed to develop interventions to reduce long-term effects of in utero/perinatal exposure to antiretroviral therapy and/or HIV on health outcomes. Specifically, NIH is seeking two-phased research applications to (1) demonstrate the capacity to enroll sufficient numbers of HIV-exposed uninfected infants, children, adolescents, and/or young adults in the United States

and/or international settings with high HIV burden, and then, to (2) utilize the established cohort to conduct innovative epidemiological approaches to assess health in these populations.

Optional letters of intent are due 30 days before the application deadline. Applications are due December 2, 2019. Approximately \$1.6 million is available for 3 to 5 awards.

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

Innovative Programs to Enhance Research Training (IPERT) (R25 - Independent Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of General Medical Sciences (NIGMS)

Notice seeking applications for creative educational activities designed to equip a diverse cohort of participants with the technical, operational, and professional skills required for careers in the biomedical research workforce. Funded programs are expected to have robust evaluation, outreach, dissemination, and sustainability plans.

Applications are due October 31, 2019; October 15, 2020; and October 15, 2021.

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

Non-invasive Diagnostics to Improve Gynecologic Health (R43 R44 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Child Health and Human Development (NICHD)

Notice seeking applications to encourage small businesses to collaborate with scientists and clinicians in the field of gynecologic health to develop, advance, and validate new devices and methods for non-invasive diagnosis and/or screening of endometriosis, adenomyosis, and/or uterine fibroids. Projects supported will aim to shorten the time to diagnosis, decrease the invasiveness of current techniques, and/or improve accessibility, safety, convenience, and costs of diagnosis and/or screening.

Optional letters of intent are due November 10, 2019. Applications are due December 10, 2019. Approximately \$1 million is available to support up to eight awards. Eligibility is limited to small business concerns, but colleges and universities may collaborate.

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

Patient Activation for Self-Management of Chronic Conditions (R01 R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Nursing Research (NINR)

Notice seeking applications to promote clinical research that addresses the influence of patient activation on self-management. Research objectives may include examinations of clinical trial designs, biologic and genetic variables, social determinants of health that serve as barriers to patient activation, psychosocial factors, strategies to enhance patient-provider communication, or other areas.

R01 applications are due June 5, 2020; February 5, 2021; June 5, 2021; February 5, 2022; June 5, 2022; and February 5, 2023. R21 applications are due June 16, 2020; February 16, 2021; June 16, 2021; February 16, 2022; June 16, 2022; and February 16, 2023. See the solicitation for AIDS application deadlines. The expiration date is May 8, 2023.

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

Pregnancy as a Vulnerable Time Period for Women's Health (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Environmental Health Sciences (NIEHS); Office of Research on Women's Health (ORWH)

Notice seeking applications to accelerate multidisciplinary research projects studying the effects of environmental chemicals on maternal physiology, and endocrine and metabolic functions during and shortly after pregnancy, as well as potential long-term maternal health effects caused by environmental exposures.

Optional letters of intent are due 30 days before the application deadline. Applications are due December 6, 2019. Approximately five to seven awards of up to \$300,000 are available to support projects lasting up to five years.

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

Preschool Development Grant Birth through Five (PDG B-5) Initial Grant
Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to assist states in helping low-income and disadvantaged children enter kindergarten prepared and ready to succeed in school and to help improve the transitions from the early care and education setting to elementary school. The PDG B-5 grant aims to assist States in the coordination of their existing early childhood services and funding streams for the purpose of improving services to children birth through age six in a mixed delivery system.

Applications are due November 5, 2019. Approximately \$36.5 million is available for up to five awards to support projects lasting up to 12 months. Eligibility is limited to the following states and territories: Idaho, South Dakota, Tennessee, West Virginia, Wisconsin, and Wyoming, the Territories of Puerto Rico, American Samoa, Guam, and the Commonwealth of the Northern Mariana Islands. Opportunities may exist for colleges and universities to collaborate.

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

Research Networks for the Study of Recovery Support Services for Persons Treated with Medications for Opioid Use Disorder (R24 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications for infrastructure support to advance the development of efficacy and/or effectiveness research on recovery support services for those who were or who are being maintained on medications for the treatment of opioid use disorder.

Optional letters of intent are due October 19, 2019. Applications are due November 19, 2019. Approximately \$2 million is available to support three to four awards.

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

Research on biopsychosocial factors of social connectedness and isolation on health, wellbeing, illness, and recovery (R01 Basic Experimental Studies with Humans Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications that seek to explain the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in human health, illness, recovery, and overall wellbeing. Types of projects submitted under this FOA include studies that prospectively assign human participants to conditions (i.e., experimentally manipulate independent variables) and that assess biomedical and/or behavioral outcomes in humans to understand fundamental aspects of phenomena related to social connectedness and isolatedness.

Applications are due March 17, 2020 and March 17, 2021.

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

Research on biopsychosocial factors of social connectedness and isolation on health, wellbeing, illness, and recovery (R01 Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications that seek to model the underlying mechanisms, processes, and trajectories of social relationships and how these factors affect outcomes in health, illness, recovery, and overall wellbeing. Both animal and human subjects research projects are welcome.

Applications are due March 17, 2020 and March 17, 2021.

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

Targeting Inflammasomes in Substance Abuse and HIV (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Drug Abuse (NIDA)

Notice seeking applications to encourage research to delineate the role of inflammasomes in the neuropathology produced by acute or chronic drug exposure and HIV infection.

Optional letters of intent are due December 15, 2019. AIDS applications are due January 15, 2020. Approximately \$3 million is available to support six awards.

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

A New Era of Smarter Food Safety; Public Meeting
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing the following public meeting entitled "A New Era of Smarter Food Safety" to get input from a broad cross-section of stakeholders on a modern approach the Agency is taking to strengthen its protection of the food supply.

The meeting will be held October 21, 2019, from 8:30 a.m. to 5 p.m. at the Hilton Washington DC/Rockville Hotel and Executive Meeting Center, 1750 Rockville Pike, Rockville, MD.

LINKS: [Federal Register](#)

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

Notice announcing a meeting scheduled to discuss the nation's proposed health promotion and disease prevention objectives and provide recommendations (with a focus on data partnerships) to improve health status and reduce health risks for the nation by the year 2030.

The meeting will be held October 2, 2019, from 11:00 a.m. to 1:00 p.m., ET via webinar. Register to attend at <http://www.healthypeople.gov/>.

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

Meeting of the Advisory Committee on Minority Health
Department of Health and Human Services (HHS), Office of Minority Health

Notice announcing a meeting of the Advisory Committee on Minority Health. The purpose is on improving the health of each racial and ethnic minority group and on the development of goals and specific program activities of the OMH.

The conference call will be held Friday, September 27, 1:00 p.m. to 3:00 p.m. ET. Preregistration is required for both public participation and comment. Any individual who wishes to participate in the call should email OMH-ACMH@hhs.gov by September 25, 2019.

LINKS: [Federal Register](#)

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

Notice announcing a meeting of the National Advisory Council on Aging scheduled to include a discussion of reports from the Task Force on Minority Aging Research and other agenda items.

The meeting will be held September 9, 2020 from 8:00 a.m. to 1:00 p.m., ET at National Institutes of Health Natcher Building, Conference Rooms E1 & E2, 45 Center Drive, Bethesda, MD.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2020 Cooperative Agreement Notice (CAN) Dual-Use Technology Development at Marshall Space Flight Center (MSFC) -80MSFC19N0001
National Aeronautics and Space Administration (NASA), Marshall Space Flight Center (MSFC)

Notice seeking white papers proposing potential technology partnerships with U.S. industry and academic/non-profit organizations that complement the technology development interests of MSFC in any of the following focus areas: Innovative/Advanced Propulsion Systems; Advanced Manufacturing; Structures and Materials; Technologies Supporting On-orbit and Surface Habitation Systems, Including Environmental Control and Life Support Systems; Technologies Supporting Spacecraft Systems; and Technologies Enabling Science Research.

White papers are due October 16, 2019, and May 6, 2020. Selected applicants will be invited to submit full proposals. Multiple awards ranging from \$10,000 to \$250,000, requiring a 1:1 match, are anticipated in support of projects lasting up to 12 months.

LINKS: [FBO](#)

Biosensing
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking applications to support fundamental engineering research on devices and methods for measurement and quantification of biological analytes. Examples of biosensors include, but are not limited to, electrochemical/electrical biosensors, optical biosensors, plasmonic biosensors, and paper-based and nanopore-based biosensors. In addition to advancing biosensor technology development, proposals that address critical needs in biomedical research, public health, food safety, agriculture, forensic, environmental protection, and homeland security are highly encouraged.

Proposals are accepted anytime. Approximately \$7.6 million is available for awards.

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

SBIR STTR Opportunity: Holistic Object Tracking
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking proposals to develop innovative research concepts in the technical domain(s) of sensors, machine learning, and computer vision. In particular, DARPA is interested in understanding the feasibility of Holistic Object Tracking.

Direct to Phase II SBIR/STTR proposals are due October 28, 2019. Awards of up to \$1.25 million are available. Eligibility is limited to small businesses for Small Business Innovation and Research (SBIR) awards but colleges and universities may collaborate. Eligibility is limited to small businesses in collaboration with colleges or universities for Small Business Technology Transfer (STTR) awards.

LINKS: [FBO](#)

SBIR-STTR Opportunity: Self-Reconfigurable Modular Ground Robots
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice inviting submissions of innovative research concepts in the technical domain of self-reconfigurable modular robotics. In particular, DARPA is interested in understanding the feasibility of small ground robots that can autonomously reconfigure without human intervention to enable operation in unknown, complex environments in support of off-road delivery tasks.

Proposals are due October 28, 2019. Proposals are for Phase I awards up to \$225,000.

LINKS: [FBO](#)

Heliophysics Advisory Committee; Meeting
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Heliophysics Advisory Committee (HPAC). This Committee functions in an advisory capacity to the Director, Heliophysics Division, in the NASA Science Mission Directorate. The meeting will be held for the purpose of soliciting, from the science community and other persons, scientific and technical information relevant to program planning.

The meeting will take place on October 1-2, 2019, 9:30 a.m.-5:00 ET, and Thursday, October 3, 2019, 9:30 a.m.-Noon ET. This meeting will also be available telephonically and via WebEx. Any interested person may dial 888-982-7409, participant code 4360894, to participate in this meeting by telephone on all meeting days. The WebEx link is <https://nasaenterprise.webex.com/>, the meeting number is 906 350 417, and the password is OctoberHPAC2019! (case sensitive) for all meeting days.

LINKS: [Federal Register](#)

Biometric Recognition and Identification at Altitude and Range (BRIAR)
Department of Defense (Defense), Intelligence Advanced Research Projects Activity (IARPA)

Notice seeking information on research efforts and datasets that may be useful in planning a program focused on advancing the state-of-the-art of biometric recognition and identification at altitude and range.

Responses are due October 21, 2019.

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

Fiscal Year 2021 National Sea Grant College Program Dean John A. Knauss Marine Policy
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking applications from graduate students for Sea Grant College Program Fellowships, which provide educational and professional experience to graduate students who have an interest in ocean, coastal and Great Lakes resources and in the national policy decisions affecting those resources.

Applications are due February 21, 2020 to eligible Sea Grant Programs. Eligibility is limited to graduate students. Approximately 35 awards of up to \$59,000 are anticipated to support fellowships lasting up to one year. Applicants are encouraged to send a notice of intent to the contact two months before the deadline. Applicants enrolled towards a degree in a graduate or professional program in a state or territory served by a Sea Grant Program must submit to that program. Other applicants must submit to the Sea Grant program to which they are referred by the contact.

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

Focused Pharma

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

Notice seeking proposals to develop new drugs that target specific neurotransmitter receptor signaling modes to deliver near immediate relief that is generalizable across indications and individuals.

Abstracts are due October 15, 2019. Proposals are due November 19, 2019. Multiple awards are possible. Cost sharing may be required.

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

FY2020 Marine Debris Prevention

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

Notice seeking applications to provide creative, practical approaches to preventing or reducing a type or category of marine debris and raising awareness of marine debris through collaborations with diverse entities and groups including partnerships with public and nonprofit organizations, citizen and watershed groups, anglers, boaters, industry (e.g., commercial and recreational fishing industries, fishing gear manufacturers, other marine industries, and plastic and waste management industries), corporations and businesses, youth groups, students, landowners, academics, and local and state government agencies.

Required letters of intent are due November 5, 2019. Invited full applications are due February 7, 2020. Approximately \$2 million is available for up to 15 awards ranging from \$50,000 to \$150,000. A 1:1 cost share is required.

LINKS: [Grants.gov](#)

Military Tactical Means (MTM)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice seeking innovative proposals in the areas of multi-mode electro-optics, sensors, and exploitation techniques for the purposes of detection, classification and geolocation of adversary military equipment on the battlefield. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems.

Proposals are due November 7, 2019. Questions are due October 10, 2019. A proposer's day will be held October 7, 2019. Multiple awards are anticipated.

LINKS: [FBO](#)

ROSES 2019: Astrophysics Science SmallSat Studies
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for six-month studies of spaceflight mission concepts that can be accomplished for low cost using small spacecraft in standard formfactors, including CubeSats, CubeSat constellations, and secondary (RideShare) payloads launched as Expendable Launch Vehicle Secondary Payload Adapter (ESPA) and ESPA-grande-ring compatible spacecraft.

Proposals are due December 19, 2019. Proposals should include team members to conduct mission design and/or arrangements to partner with an appropriate NASA mission design team.

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

ROSES 2019: Earth Science Research from Operational Geostationary Satellite Systems
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce),
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for advanced research and practical applications using data derived from instruments aboard U.S. and international geostationary satellites.

Requested notices of intent are due October 25, 2019. Proposals are due January 10, 2020. Approximately \$3.6 million is available to support 14 to 23 awards.

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

Smallsat Technology Partnerships
National Aeronautics and Space Administration (NASA), Ames Research Center (ARC)

Notice seeking proposals for development projects and demonstration missions that are small, affordable, rapid, and transformative. All efforts will focus on small spacecraft capabilities that are relevant to NASA's missions in science and exploration, including those with crosscutting applications to the needs of the broader small spacecraft community in industry, academia, and other government agencies.

Mandatory Notices of Intent are due by October 4, 2019 and must be submitted via NSPIRES. Proposals are due November 6, 2019. Five awards are anticipated.

LINKS: [FBO](#)

Committee on Equal Opportunities in Science and Engineering; Notice of Meeting
National Science Foundation (NSF)

Notice announcing a meeting scheduled to study data, programs, policies, and other information pertinent to NSF and to provide advice and recommendations concerning broadening participation in science and engineering.

The meeting will be held October 17, 2019 from 1:00 p.m. to 5:30 p.m. and October 18, 2019 from 8:30 a.m. to 3:30 p.m., ET at NSF, 2415 Eisenhower Ave., Alexandria, VA.

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