

UNO FOCUS:

Louisiana Science Communication Summit
Louisiana Sea Grant

Louisiana Sea Grant is working with some colleagues to provide a Louisiana Science Communication Summit for graduate students in the spring of 2020. It will be a two-day event held at LSU that will offer a variety of workshops, breakout sessions, panels and activities revolving around science communication. It will be open (through an application process) and free to all graduate students at Louisiana universities studying natural and physical sciences.

The goal of this endeavor is to have the event reflect the needs and wants of the graduate student community. In an effort to better understand what science communication subjects are of interest, we've created a super short survey (should take about a minute) to gauge graduate student interest in session topics.

Only one response per person, please. Deadline: Friday, September 20.

LINKS: [Survey](#)

Supervised Undergraduate Research Experience (SURE)
Louisiana Board of Regents EPSCoR

A goal of the Louisiana Established Program to Stimulate Competitive Research (LA EPSCoR) project, funded by the National Science Foundation (NSF), is to increase the participation of women and other underrepresented minorities and in STEM (Science, Technology, Engineering, and Mathematics) fields. The Supervised Undergraduate Research Experiences (SURE) program seeks to further this goal by fostering opportunities for such students to conduct supervised research with a faculty mentor.

Deadline for proposals is November 8, 2019. Last day for questions and answers is October 4, 2019.

LINKS: [SURE](#)

CIMM Seed Funding
Louisiana Board of Regents EPSCoR

The Consortium for Innovation in Manufacturing and Materials (CIMM) solicits proposals for CIMM Seed Funding to support research projects relevant to CIMM's advanced manufacturing themes. Please see the RFPs for more information.

- Track 1: Faculty Research Awards
Proposals Due: November 11, 2019
- Track 2: Industrial Collaboration
Proposals Due: November 25, 2019
- Track 3: Internship Opportunities
Proposals Due: November 25, 2019

LINKS: [CIMM](#)

ARTS, HUMANITIES, and INTERNATIONAL

Emerging Donors Challenge Program (EDCP) Round 7
Department of State (State), U.S. Mission to Ukraine

Notice seeking applications to improve energy, cyber security, and democratic resilience in Ukraine; and increase integration with Western markets, establish a fair and transparent business environment, and increase opportunities for U.S. investment and trade.

Applications are due October 3, 2019. Approximately \$500,000 is available for a project lasting up to 18 months.

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

People-To-People (P2P) Reconciliation Fund
United States Agency for International Development (USAID), Office of Conflict Management and Mitigation (CMM)

Notice seeking applications for improving individual and community capacity to effectively manage, mitigate, resolve, transform, and prevent the recurrence of violent conflict.

Questions are due September 17, 2019. Concept papers are accepted anytime until September 30, 2022. Approximately \$1.2 million is available to support one award.

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

Japanese American Confinement Sites Grant Program
Department of the Interior (Interior)

Notice seeking applications for financial assistance from organizations and entities working to preserve historic Japanese American confinement sites and their history, including private nonprofit organizations, educational institutions, state, local, and tribal governments, and other public entities, for the preservation and interpretation of U.S. confinement sites where Japanese Americans were detained during World War II.

Applications are due November 12, 2019. Approximately 20 awards of at least \$5,000 are available. Awards require a 2:1 federal to non-federal match (which may be raised and spent during the grant period). See the solicitation for a list of confinement sites eligible for funding.

Limited Submission: Institutions may submit up to 3 applications annually for 3 separate projects but can receive only 2 grants per fiscal year grant cycle.

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

EDUCATION and ECONOMIC & COMMUNITY DEVELOPMENT

Aviation Rulemaking Advisory Committee; Meeting
U.S. Department of Transportation (DOT), Federal Aviation Administration (FAA)

Notice announcing a meeting of the Federal Aviation Administration to discuss active working groups status updates and recommendation reports.

The meeting will be held September 19, 2019 from 1:00 p.m. to 3:00 p.m. ET at the Federal Aviation Administration, 800 Independence Avenue SW, Washington, DC.

LINKS: [Federal Register](https://www.federalregister.gov)

Meeting of the National Advisory Council on Indian Education
Department of Education (Education)

Notice announcing an upcoming public meeting of the National Advisory Council on Indian Education (NACIE). NACIE is established within the U.S. Department of Education to advise the Secretary of Education and the Secretary of Interior on the funding and administration (including the development of regulations, and administrative policies and practices) of any program over which the Secretary has jurisdiction and includes Indian children or adults as participants.

The NACIE meetings will be held on September 11-12, 2019 from 9:00 a.m.-5:00 p.m., ET. The meeting will be held at the U.S. Department of Education, 400 Maryland Avenue SW, Washington, DC, Room 1W113 (September 11) and Room 1W128 (September 12). Please RSVP via email to Angeline.Boulley@ed.gov no later than September 9, 2019. There will be online and teleconference capabilities for individuals who would like to remotely attend the meeting. To pre-register for online or teleconference attendance: <https://tinyurl.com/y4959f5a>.

LINKS: [Federal Register](#)

Scholarships for Students at 1890 Institutions Program (1890 Scholarships) RFA
National Institute of Food and Agriculture (NIFA), United States Department of Agriculture (USDA)

Notice seeking proposals to provide scholarships to support recruiting, engaging, retaining, mentoring, and training of undergraduate students at 1890 land-grant institutions, resulting in baccalaureate degrees in the food and agricultural sciences and related fields.

Applications are due November 8, 2019. Approximately 19 awards of \$500,000 each are available. Eligibility is limited to 1890 land-grant institutions that have a competitive scholarships awards process.

Limited Submission: One application per institution.

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

Announcement of the Availability of Disaster Relief Act 2019 Grant Funds for Community Facilities
United States Department of Agriculture (USDA), Rural Housing Service

Notice seeking applications for necessary community facilities expenses related to the consequences of Hurricanes Michael and Florence and wildfires occurring in calendar year 2018, tornadoes and floods occurring in calendar year 2019, and other natural disasters. Applicants are encouraged to consider projects that provide measurable results in helping rural communities build robust and sustainable economies through strategic investments in infrastructure, partnerships and innovation.

Applications will be accepted on a rolling basis until funds are exhausted. The necessary community facilities must serve and be located in rural areas. Eligibility is limited to public bodies such as a municipality, county, district, authority or other political subdivision of a state; a non-profit corporation or association with significant ties to the rural area; or a federally recognized Indian tribe in a rural area. Opportunities may exist for colleges and universities to collaborate.

LINKS: [Federal Register](#)

Procurement Technical Assistance Program
Department of Defense (Defense), Defense Logistics Agency (DLA)

Notice seeking applications to serve as a resource for businesses to obtain information and training related

to contracting opportunities with DoD, other federal agencies, state and local governments and with government prime contractors.

Required pre-applications are due September 25, 2019. Applications are due 120 days prior to the date that the current cooperative agreement expire. Cost sharing is required.

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

The Educational Component of the National Cooperative Geologic Mapping Program
Department of the Interior (Interior)

Notice seeking applications to train the next generation of geologic mappers. To do this NCGMP provides funds for undergraduate and graduate students in academic research projects that involve geologic mapping as a major component.

Applications are due November 19, 2019. A one to one match is required for cost sharing.

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

Children's Health Protection Advisory Committee
Environmental Protection Agency (EPA)

Notice announcing the U.S. Environmental Protection Agency seeks qualified candidates for consideration for appointment to its Children's Health Protection Advisory Committee.

Submit nominations by October 11, 2019 by email to EPA_CHPAC@icfi.com or mail to Nica Louie, Designated Federal Officer, Office of Children's Health Protection, U.S. Environmental Protection Agency, Mail Code 1107T, 1301 Constitution Avenue NW, Washington, DC, 20460. The EPA Administrator appoints members for three-year terms with a cap on service at six years. The Committee meets 2-3 times annually and the average workload is approximately 10 to 15 hours per month.

LINKS: [Federal Register](https://www.federalregister.gov)

Request for Information on the Bioeconomy
Office of Science and Technology Policy (OSTP)

Notice seeking input from the public, including those with capital investments, performing innovative research, or developing enabling platforms and applications in the field of biological sciences, to include healthcare, medicine, pharmaceuticals, biotechnology, manufacturing, energy production, and agriculture in order to identify notable gaps, vulnerabilities and areas to promote and protect.

Comments are due October 22, 2019.

LINKS: [Federal Register](https://www.federalregister.gov)

HEALTH and MENTAL HEALTH

Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium Clinical Research Centers (U01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK); National Institute on Aging (NIA)

Notice seeking applications to use qualitative and quantitative strategies to conduct collaborative, transdisciplinary studies to establish the scientific basis for future intervention studies to promote bladder health and prevent lower urinary tract symptoms (LUTS) and associated bladder conditions such as

bladder infections, urinary incontinence, voiding dysfunction, overactive bladder and interstitial cystitis/bladder pain syndrome in adolescent and adult women across the life course.

Requested letters of intent are due October 7, 2019. Applications are due November 7, 2019. Approximately \$2.3 million is available to support up to eight awards.

Limited Submission: Only one application per institution is allowed.

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

Prevention of Lower Urinary Tract Symptoms (PLUS) Research Consortium Scientific and Data Coordinating Center (U24 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications to use qualitative and quantitative strategies to conduct collaborative, transdisciplinary studies to establish the scientific basis for future intervention studies to promote bladder health and prevent lower urinary tract symptoms (LUTS) and associated bladder conditions such as bladder infections, urinary incontinence, voiding dysfunction, overactive bladder and interstitial cystitis/bladder pain syndrome in adolescent and adult women across the life course. The purpose of this Funding Opportunity Announcement (FOA) is to invite applications for the Scientific and Data Center to build on foundational work to establish a longitudinal cohort study with the intent of identifying plausible targets for future intervention studies.

Requested letters of intent are due October 7, 2019. Applications are due November 7, 2019. Approximately \$2.5 million is available to support one award.

Limited Submission: Only one application per institution is allowed.

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

Using Archived Data and Specimen Collections to Advance Maternal and Pediatric HIV-AIDS Research (R21 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)

Notice seeking applications to address the needs of the maternal and pediatric HIV scientific community for research data translation and sharing. This initiative will support secondary data analyses using archived HIV/AIDS data and specimens to generate new research questions and findings relevant to the scientific mission and priorities of the NICHD, Maternal and Pediatric Infectious Disease Branch (MPIDB) and Office of AIDS Research (OAR).

Requested letters of intent are due 30 days prior to application due date. Applications are due November 1, 2019. Approximately \$1 million is available to support up to five awards.

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

Meeting of the Advisory Committee on Heritable Disorders in Newborns and Children
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Committee on Heritable Disorders in Newborns and Children to hear from experts in the fields of public health, medicine, heritable disorders, rare disorders, and newborn screening.

The meeting will be held via webinar on September 24, 2019 from 10:00 a.m. to 1:00 p.m. ET. Advance registration is required. To register, visit the ACHDNC website: <https://www.hrsa.gov/advisory-committees/heritable-disorders/index.html>. The deadline for online registration is September 23, 2019 at noon.

LINKS: [Federal Register](#)

Special Medical Advisory Group, Notice of Meeting
Department of Veterans Affairs (VA)

Notice announcing a meeting of the Special Medical Advisory Group to discuss quality standards for community care, Veterans assessment tool for the Caregiver Support Program, efforts to develop a National suicide prevention roadmap as required by the PREVENTS Executive Order, and proposals required by MISSION Act Section 152 regarding innovations for care and payments pilots.

The meeting will be held September 26, 2019 from 8:15 a.m. to 3:30 p.m. ET at the VHA National Conference Center, 2011 Crystal Drive, Suite 150 A, Potomac Room A-B, Crystal City, Arlington, VA.

LINKS: [Federal Register](#)

The National Institutes of Health (NIH) Sexual & Gender Minority Research Listening Session
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice announcing a listening session of the Sexual & Gender Minority Research Office (SGMRO). The primary objectives of the NIH's listening session are to hear from community stakeholders about what issues are on their minds with regard to SGM-related research and related activities at the NIH, and to use these individual viewpoints to help inform the development of the NIH SGM Research FY 2021-2025 strategic plan.

The meeting will occur on October 22, 2019 at 11:00 a.m. ET and open to the public remotely at 1-877-951-0634, Passcode: 6617257#.

LINKS: [Federal Register](#)

Accelerating the Pace of Drug Abuse Research Using Existing Data (R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications proposing innovative analysis of existing social science, behavioral, administrative, and neuroimaging data to study the etiology and epidemiology of substance using behaviors (defined as alcohol, tobacco, prescription and other substances) and related disorders, prevention of substance use and HIV, and health service utilization.

Applications are due annually on February 5, June 5, and October 5. Program expires September 8, 2021.

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

Catalyze: Product Definition Device Prototype Design and Testing, Diagnostic Disease Target Identification and Assay Development, and Research Tool Development (R61-R33 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to provide the early stage translational support needed to develop and test device prototype designs, identify diagnostic disease targets and develop associated assays, and develop research tools for use in the treatment of HLBS diseases and disorders.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 8, 2019, March 9, 2020, March 9, 2021, and July 9, 2021. Approximately \$3.8 million is available to support up to 13 awards per year.

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

Catalyze: Product Definition Device Prototype Testing and Design Modification, Diagnostic Disease Target Assay Development and Design Characterization, and Research Tool Testing and Validation (R33 - Clinical Trials Not Allowed)

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

Notice seeking applications to provide the early stage translational support needed for prototype testing/design modification, assay development for diagnostic disease targets, and development of research tools for use in the treatment of HLBS diseases and disorders.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 8, 2019, March 9, 2020, March 9, 2021, and July 9, 2021. Approximately \$3.8 million is available to support up to 13 awards.

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

Catalyze: Product Definition for Small Molecules and Biologics - Preliminary Product-Lead Series Identification (R33 - Clinical Trial Not Allowed)

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

Notice seeking applications to provide the early stage translational support needed to identify a lead compound series toward development of potential therapeutic agents to treat heart, lung, blood, and sleep diseases and disorders.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 8, 2019, March 9, 2020, July 9, 2020, March 9, 2021, and July 9, 2021. Program expires August 12, 2021. Approximately \$3.8 million is available to support up to 13 awards. Cost sharing is required.

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

Catalyze: Product Definition for Small Molecules and Biologics - Target Identification and Validation, and Preliminary Product and Lead Series Identification (R61-R33 Clinical Trials Not Allowed)

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

Notice seeking applications to provide the early stage translational support needed to identify and characterize potential therapeutic candidates (compound and lead series) to treat heart, lung, blood, and sleep diseases and disorders.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 8, 2019, March 9, 2020, July 9, 2020, March 9, 2021, and July 9, 2021. Approximately \$3.8 million is available to support up to 13 awards per year.

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

Development of Animal Models and Related Biological Materials for Research (R21 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), Office of Research Infrastructure Programs (ORIP)

Notice seeking applications to encourage innovative research to develop, characterize, and improve animal

models, biological materials, and novel technologies to better understand human health and disease. This FOA also seeks projects aimed at improving the diagnosis and control of diseases that interfere with animal use for biomedical research.

Applications are due annually on February 16, June 16, and October 16.

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

DoD Combat Readiness - Rapid Development and Translational Research Award
Army (Army), Department of Defense (Defense)

Notice seeking applications to support research that will accelerate the movement of promising ideas into clinical applications, including healthcare products, technologies, and/or practice guidelines. Applicants must address at least one of the following focus areas: scalable solutions for wound care that can address prevention of bleeding and infection, delivery of therapeutics, and promotion of healing; decision-support solutions, such as algorithms, artificial intelligence, deep learning, telemedicine, etc. for triage and management of severely injured warfighters; solutions that address hemorrhage control; and wearable sensors with multiple capabilities to identify and monitor medical management of injuries and/or exposures.

Required pre-application letters of intent are due October 23, 2019. Full proposals are due November 13, 2019. Approximately \$13 million is available to support up to six awards.

LINKS: [Grants.gov](#)

Enabling Technologies and Transformative Platforms for HLBS Research (R33 - Clinical Trials Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to further develop enabling technologies and transformative platforms to catalyze next-generation predictive, diagnostic and therapeutic products to address heart, lung, blood, and sleep (HLBS)-related disorders and diseases. This FOA solicits R33 applications where major feasibility gaps for the enabling technology or transformative platform have already been overcome, as demonstrated with supportive preliminary data, but still requires further development and rigorous validation to encourage downstream demonstration, utilization and adoption.

Optional letters of intent are due 30 days prior to the application due date. Applications are due November 8, 2019, March 9, 2020, July 9, 2020, March 9, 2021, and July 9, 2021. Approximately \$1.42 million is available to support three awards in FY 2020.

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

Maximizing Investigators' Research Award (R35 - Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to increase the efficiency and efficacy of NIGMS funding. It is anticipated that this program will: Increase the stability of funding for NIGMS-supported investigators, which could enhance their ability to take on ambitious scientific projects and approach problems more creatively; Increase flexibility for investigators to follow important new research directions within the NIGMS mission as opportunities arise, rather than being bound to specific aims proposed in advance of the studies; More widely distribute funding among the nation's highly talented and promising investigators to increase overall scientific productivity and the chances for important breakthroughs; Reduce the time spent by researchers writing and reviewing grant applications, allowing them to spend more time conducting research; and Enable investigators to devote more time and energy to mentoring trainees in a more stable research environment.

Applications are due January 17, 2020; May 18, 2020; January 19, 2021; May 17, 2021; January 18, 2022, and May 17, 2022. Applications may request no more than \$750,000 direct costs per year.

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

NIAID Career Transition Award (K22 Independent Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to assist postdoctoral fellows' transition to positions of assistant professor or equivalent and initiate a successful biomedical career as an independent research scientist.

Applications are due October 12, 2019 and annually on February 12, June 12, and October 12 through January 8, 2022.

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

Social Epigenomics Research Focused on Minority Health and Health Disparities (R01-Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support and accelerate human epigenomic investigations focused on identifying and characterizing the mechanisms by which social experiences at various stages in life, both positive and negative, affect gene function and thereby influence health trajectories or modify disease risk in racial/ethnic minority and other health disparity populations.

Applications are due November 6, 2019; November 6, 2020; and November 8, 2021. Optional letters of intent are due 30 days before the application deadline.

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

State and Regional Primary Care Association (PCA) Cooperative Agreements
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS),
Bureau of Primary Health Care

Notice seeking applications to provide training and technical assistance (T/TA) on a state or regional basis to existing and potential health centers. Existing health centers include Health Center Program award recipients and look-alikes.

Applications are due November 8, 2019. Approximately \$57.5 million is available to support up to 52 awards for three years.

LINKS: [Grants.gov](#)

Stimulating Access to Research in Residency Transition Scholar (StARRTS) (K38) (Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to provide Transition Scholars with opportunities for additional research and career development during subsequent clinical fellowship or early career faculty appointments.

Applications are due November 18, 2019; October 15, 2020; and October 15, 2021.

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

Tailoring Interventions to Improve Preventive Health Service Use (R61-R33 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to develop interventions for physician compliance with recommended prevention guidelines for the elderly from the Centers for Disease Control and Prevention and the US Preventive Services Task Force with particular interest in developing electronic health record-based interventions to improve the quality of care and health outcomes and reduce health disparities.

Letters of intent are due September 28, 2019. Applications are due October 28, 2019. Up to \$400,000 is available (combined direct costs) to support a project lasting up to two years for the R61. For the three-year R33 implementation phase, applicants' combined budget for direct costs may not exceed \$1,350,000. Applicant's budgets need to reflect the actual needs of the proposed project.

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Collaborative Science, Technology, and Applied Research (CSTAR) Program
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking proposals to improve the overall forecast and warning capabilities of the operational meteorological community by addressing science and technology research priorities through collaborative research efforts between the National Weather Service (NWS) and academic institutions that have expertise in the environmental sciences.

Letters of Intent are encouraged and due September 25, 2019. Proposals are due November 20, 2019. Approximately \$600,000 per year is available to support three to five awards.

LINKS: [Grants.gov](#)

Collaborative, Highly Extensible Mobile Machine Infrastructure for System Transformation of Spatial Information (CHEMISTRI)
Department of Defense (Defense), Air Force Research Laboratory (AFRL)

Notice seeking proposals to explore the application of machine learning to commercial mobile devices for revolutionizing mission planning and execution for Security Forces (SF), Isolated Personnel (IP), Airfield Operations and related fields. The platform for the machine learning application is the Tactical Assault Kit (TAK) suite of software and the open architecture model that it supports and enables.

Required white papers are due September 30, 2019, August 1, 2020, and August 1, 2021. BAA expires September 30, 2022. Approximately \$49.9 million is available.

LINKS: [FBO](#)

Explosives Ordnance Disposal (EOD) FY20 Science & Technology Program Broad Agency Announcement (BAA) Development of Advanced Technologies for Diagnostic Sensors and Neutralization of Buried & Surface Munitions in Land Environments
Navy (Navy), Department of Defense (Defense), Office of Naval Research (ONR)

Notice seeking proposals for the development of advanced technologies for diagnostic sensing and neutralization of buried and surface devices or munitions in land environments only. ONR is seeking novel, innovative and/or high risk/high payoff ideas and approaches.

Required white papers are due October 11, 2019. Proposals are due December 20, 2019. Approximately \$6 million is available to support four to six awards over two to three years.

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

Improving Undergraduate STEM Education: Education and Human Resources
National Science Foundation (NSF)

Notice seeking proposals to promote novel, creative, and transformative approaches to generating and using new knowledge about STEM teaching and learning to improve STEM education for undergraduate students.

Proposals are due December 4, 2019. Approximately \$63 million is available to support 105 awards.

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

NASA Space Technology Graduate Research Opportunities - Fall 2020 (NSTGRO20)
National Aeronautics and Space Administration (NASA)

Notice seeking graduate-level applications to develop innovative, low TRL space technology research and development technologies for the aerospace sector and to join the Nation's technological future by working on high-priority technologies to sustainably explore space.

Proposals are due November 5, 2019. Approximately \$80,000 is available for multiple award to support up to two years.

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

NRL Long Range Broad Agency Announcement (BAA) for Basic and Applied Research
Navy (Navy), Department of Defense (Defense), Naval Research Laboratory (NRL)

Notice seeking proposals for Long-Range Science and Technology (S&T) Projects which offer potential for advancement and improvement of Navy and Marine Corps operations. Readers should note that this is an announcement to declare NRL's broad role in competitive funding of meritorious research across a spectrum of science and engineering disciplines.

White papers may be submitted at any time during this period, formal proposals are by invitation only.

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

Oceanographic Facilities and Equipment Support
Directorate for Geosciences (GEO), National Science Foundation (NSF)

Notice seeking proposals to support facilities that lend themselves to shared use within the broad range of federally-supported research and education programs. Most of these platforms and facilities also receive partial support from federal agencies other than NSF.

Proposals are due December 16, 2019. Approximately \$8.5 million is available to support up to 75 awards.

LINKS: [Grants.gov](#)

Biological and Environmental Research Advisory Committee
Department of Energy (Energy), Office of Science

Notice announcing a meeting of the Biological and Environmental Research Advisory Committee (BERAC) to provide advice on a continuing basis to the Director, Office of Science of the Department of Energy, on

the many complex scientific and technical issues that arise in the development and implementation of the Biological and Environmental Research Program.

The meeting will be held October 24, 2019 at 8:30 a.m.-5:30 p.m., ET and Friday, October 25, 2019 at 8:30 a.m.-12:30 p.m., ET at the Canopy by Hilton Washington DC Bethesda North, 940 Rose Avenue, North Bethesda, Maryland.

LINKS: [Federal Register](#)

Combustion and Fire Systems
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking applications to advance energy conversion efficiency, improve energy security, enable cleaner environments, and enhance public safety.

Applications are accepted anytime. Approximately \$4.6 million is available for multiple awards.

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

Fluid Dynamics
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking applications to contribute to basic scientific understanding via experiments, theoretical developments, and computational discovery with particular interests in, but not limited to: Turbulence and transition, Bio-fluid physics, Micro fluidics and nanofluidics, Fluid-structure interactions, etc.

Applications are accepted anytime. Approximately \$9 million is available for multiple awards to support projects lasting up to two years.

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

Particulate and Multiphase Processes
Directorate for Engineering (ENG), National Science Foundation (NSF)

Notice seeking applications to join the Transport Phenomena cluster by researching physico-chemical phenomena that govern particulate and multiphase systems, including flow of suspensions, drops and bubbles, granular and granular-fluid flows, behavior of micro- and nanostructured fluids, unique characteristics of active fluids, and self-assembly/directed-assembly processes that involve particulates.

Applications are accepted anytime. Approximately \$8 million is available for multiple awards.

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

Scholarly Editions and Scholarly Translations
National Endowment for the Humanities (NEH)

Notice seeking applications to prepare new editions and/or translate pre-existing texts that are foundational to humanities learning and research but are currently inaccessible to the larger scholarly community and general audiences, or available only in inadequate editions or translations.

Applications are due December 4, 2019. Approximately \$300,000, per award, is available for multiple awards to support projects lasting up to three years.

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

Secure and Trustworthy Cyberspace

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

Notice seeking proposals that address cybersecurity and privacy and draw on expertise in one or more of these areas: computing, communication and information sciences; engineering; education; mathematics; statistics; and social, behavioral, and economic sciences. Proposals that advance the field of cybersecurity and privacy within a single discipline or interdisciplinary efforts that span multiple disciplines are each welcome.

Proposals are accepted any time. In FY 20, approximately \$53 million is available for various types of awards: CORE or Transition to Practice small project awards of up to \$500,000 and medium project awards ranging from \$500,000 to \$1.2 million; and EDU cybersecurity education awards of up to \$400,000.

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

Smallsat Technology Partnerships

National Aeronautics and Space Administration (NASA)

Notice seeking applications to develop projects and demonstration missions that are small, affordable, rapid, and transformative amongst university teams that have experience in small spacecraft development and also extension of support to colleges and universities that have little or no previous involvement in this field.

Letters of intent are due October 4, 2019. Proposals are due November 6, 2019. Approximately \$400,000, per award, is available for up to five awards to support projects lasting up two years.

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

Thermal Transport Processes

National Science Foundation (NSF), Engineering

Notice seeking applications to join the Transport Phenomena cluster by developing transformative projects with the potential for improving basic understanding, predictability and application of thermal transport processes.

Applications are accepted anytime. Approximately \$7 million is available for multiple awards.

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

Advisory Committee on Earthquake Hazards Reduction Meeting

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

Notice announcing a meeting of the Advisory Committee on Earthquake Hazards Reduction to discuss routine business matters. Attendees will receive the meeting agenda upon registration.

The meeting will be held via webinar on September 23, 2019 from 3:00 p.m. to 5:00 p.m. ET. Registration is required by September 19, 2019.

LINKS: [Federal Register](#)

Commerce Spectrum Management Advisory Committee Meeting

Department of Commerce (Commerce), National Telecommunications and Information Administration

Notice announcing a meeting of the Commerce Spectrum Management Advisory Committee to discuss

business matters related to management policies that enable the United States to maintain or strengthen its global leadership in the introduction of communications technology, services, and innovation.

The meeting will be held on October 1, 2019 from 1:00 p.m. to 4:00 p.m. ET at Morgan, Lewis & Bockius, LLP, 1111 Pennsylvania Avenue NW, Suite 201, Washington, DC. The meeting agenda will be available at: <http://www.ntia.gov/category/csmac>, prior to the meeting.

LINKS: [Federal Register](#)

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

Notice announcing a meeting scheduled to solicit input from the scientific community and other persons, scientific and technical information relevant to program planning.

The meeting will be held September 23, 2019 and September 24, from 8:30 am to 5:00 pm, ET each day. Attend via teleconference by calling 800-779-9966 and entering passcode 5255996. Attend via WebEx at <https://nasaenterprise.webex.com/>. See the notice for additional WebEx login details.

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

Establishment of the National Quantum Initiative Advisory Committee
Department of Energy (Energy)

Notice announcing U.S. Department of Energy seeks nominations for the National Quantum Initiative Advisory Committee tasked to provide advice and recommendations to the President, Secretary of Energy, and the National Science and Technology Council's Subcommittee on Quantum Information Science on the National Quantum Initiative.

Email nominations for members by midnight ET on October 4, 2019 to: NQIAC@science.doe.gov.

LINKS: [Federal Register](#)

Focused Pharma Proposers Day
Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense)

Notice announcing a proposers' day for the potential proposer community in support of a planned Broad Agency Announcement for the Focused Pharma Program.

The proposers' day will be held October 1, 2019 from 10:00 a.m. to 2:00 p.m., ET at the Associations of the United States Army, 2425 Wilson Blvd., Arlington, VA. Register by September 24, 2019 at the Agency Site link below.

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