

UNO FOCUS:

Undergraduate Research Opportunities Program (UROP)
Louisiana Sea Grant College Program

UROP provides talented undergraduate students interested in pursuing advanced studies in coastal related research with a hands-on experience under the guidance of a faculty mentor.

Approximately eight projects will be funded depending on funds available for the March 2019 to December 2019 period; each faculty member will receive up to \$3000 to cover student wages, supplies, and necessary travel. Both student wages and academic credit may be earned concurrently if the policies of your institution allow this practice. Full-time undergraduate students at all Louisiana colleges and universities are eligible. Applications will be accepted until 13 December 2018 at 4PM CST via our online eSeaGrant system. An Application Form and complete information can be found at the [UROP website](#).

LINKS: [UROP](#)

Support for Advanced Flight Opportunities for Students (SAFOS)
Louisiana Space Grant Consortium

The Support for Advanced Flight Opportunities for Students (SAFOS) Program aims to encourage student participation in aerospace research by providing funds for the development of student satellite payloads and other space-engineering products. SAFOS was developed with several established advanced flight programs in mind. Advanced flight projects offer student scientists and engineers a real-world technical and project management experience, which contributes to a skilled technical workforce for the aerospace industry.

Funds from SAFOS may be used to support student teams participating in programs like HASP, RockSat-C, and RockSat-X. Other advanced flight programs that emphasize a complete project lifecycle, from design to build through flight and post-flight analysis, are eligible. Proposals are due January 16, 2019.

LINKS: [LaSPACE](#)

ARTS, HUMANITIES AND INTERNATIONAL

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

Notice seeking proposals for projects that strengthen the ability of small and rural libraries and archives to serve their communities. Topics under consideration this year are: transforming school library practice; community memory; and digital inclusion.

Proposals are due February 25, 2019. Approximately \$1.2 million is available to fund up to 25 awards, with a per-award range of \$10,000 to \$50,000 over two years.

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

Anti-Corruption Project for Central America
Bureau of International Narcotics and Law Enforcement Affairs (INL), Department of State (State)

Notice seeking applications to enhance the capacity of Central American institutions responsible for preventing and addressing corruption by strengthening relevant legislative frameworks; building the capacity of judicial institutions and public servants responsible for preventing and fighting corruption; enhancing civil society engagement; and increasing regional information sharing on anti-corruption and anti-impunity efforts.

Applications are due January 4, 2019. Up to \$500,000 is available to support one award.

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

Archives Collaboratives
National Archives and Records Administration (NARA)

Notice seeking proposals to share best practices, tools, and techniques among partners; assess institutional strengths and opportunities; and develop plans and management structures for long-term sustainability and growth.

Optional draft proposals are due March 1, 2019. Proposals are due April 4, 2019. Approximately \$125,000 is available.

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

FY19 Open Source Research and Capacity Building to Counter Nonproliferation Challenges
Department of State (State), Bureau of International Security-Nonproliferation (ISN)

Notice seeking applications to counter efforts by foreign entities that threaten U.S. nonproliferation and national security interests. Activities should focus on one of three lines of effort: Counter broad spectrum of state-based nonproliferation challenges through targeted capacity building efforts; Prevent, disrupt, and/or delay proliferation activities through open source research and capacity building; or Mitigate peer-rival countermeasures to avoid sanctions through sector-specific research and targeted outreach.

Applications are due February 1, 2019. While the award ceiling is \$500,000, reviewers will prioritize proposals that meet the project goals at the lowest technically acceptable cost.

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

Institutes for Historical Editing
National Archives and Records Administration (NARA)

Notice seeking proposals for the training and education of historical documentary editors.

Optional draft proposals are due January 31, 2019. Proposals are due February 21, 2019. Approximately \$275,000 is available to support one award. The Commission may support up to the entire direct costs of the project, not including program revenue.

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

PNG Biodiversity Program
United States Agency for International Development (USAID), Philippines USAID-Manila

Notice seeking applications to reduce the primary drivers and threats to biodiversity in Papua New Guinea (PNG) by strengthening management of customary lands that include areas of exceptional terrestrial and marine biodiversity.

Applications are due January 22, 2019. Approximately \$19 million is available to support multiple awards over a five-year period.

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

Publishing Historical Records in Documentary Editions
National Archives and Records Administration (NARA)

Notice seeking proposals to publish documentary editions of historical records. Projects may focus on broad historical movements in U.S. history, such as politics, law (including the social and cultural history of the law), social reform, business, military, the arts, and other aspects of the national experience, or may be centered on the papers of major figures from American history. Whether conceived as a thematic or a biographical edition, the historical value of the records and their expected usefulness to broad audiences must justify the costs of the project.

Optional drafts are due April 1 and August 1, 2019. Proposals are due June 12 and October 3, 2019. Up to 25 awards of \$200,000 each are available, with a 50% cost sharing requirement.

LINKS: [Grants.gov \(EDITIONS-201906\)](#), [Grants.gov \(EDITIONS-201910\)](#), [Solicitation](#)

U.S. Embassy Moscow Public Affairs Section FY 2019 Annual Program Statement (APS) Large Grants
Department of State (State), U.S. Mission to Russia

Notice seeking applications to strengthen ties between the United States and Russia through various forms of engagement ranging from projects relating to partisan political activity and construction to scientific research.

Applications are due July 15, 2019. Approximately \$75,000 per award is available for up to 35 awards.

Limited Submission: One proposal per organization

LINKS: [Grants.gov](#)

U.S. Embassy Moscow Public Affairs Section FY 2019 Annual Program Statement (APS) Small Grants
Department of State (State), U.S. Mission to Russia

Notice seeking applications to strengthen ties between the United States and Russia through various forms of engagement ranging from artistic and cultural joint performances and sports related programming to entrepreneurship, business development, and tech/innovation trainings.

Applications are due July 15, 2019. Approximately \$24,000 per award is available for 35 awards.

Limited Submission: One proposal per organization

LINKS: [Grants.gov](#)

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

Project to Develop and Distribute High School Curricula Materials that Reflect the Redefinition of the International System of Units (SI)

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

Notice seeking applications for the development, production and distribution of science and/or mathematics curricula resources for high school classrooms that reflect the redefinition of units within the international system of measurement (also called the metric system).

Applications are due January 28, 2019. Approximately \$200,000 is available to support one award for 12 months.

LINKS: [Grants.gov](#)

Advisory Committee on Minority Veterans; Notice of Meeting
Department of Veterans Affairs (VA)

Notice announcing a three-day meeting of the Advisory Committee on Minority Veterans to receive briefings and updates from the Center for Minority Veterans, National Cemetery Administration, Veterans Experience Office, Veterans Benefits Administration, the Board of Veterans Appeals, Office of Health Equity, Mental Health, Center for Women Veterans, Veterans Health Administration, Office of Telehealth, Office of Policy & Planning, Million Veteran Program, Women's Health Services, the Office of Diversity & Inclusion, Leadership Development Programs, Ex-Officios Update and hold an exit briefing with VBA, VHA and NCA.

The meeting will be held December 11, 2018 from 8:00 a.m. to 5:00 p.m.; December 12 from 8:00 a.m. to 4:30 p.m.; and December 13 from 8:00 a.m. to 1:00 p.m. ET. The meeting will be held at the Department of Veterans Affairs, 810 Vermont Avenue NW, Conference Room 230, Washington, DC.

LINKS: [Federal Register](#)

Meeting of the National Organic Standards Board
United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS)

Notice announcing a meeting of the National Organic Standards Board (NOSB). The NOSB assists the USDA in the development of standards for substances to be used in organic production and advises the Secretary of Agriculture on any other aspects of the implementation of the Organic Foods Production Act (OFPA).

The meeting will be held April 24-26, 2019, from 8:30 a.m. to 6:00 p.m. at the Renaissance Seattle Hotel, 515 Madison Street, Seattle, Washington. The meeting is available via webinar.

LINKS: [Federal Register](#)

Motorcyclist Advisory Council to the Federal Highway Administration
U.S. Department of Transportation (DOT)

Notice announcing a meeting of the Motorcyclist Advisory Council to conduct a topical discussion of infrastructure issues, namely: barrier design; road design, construction, and maintenance practices; and the architecture and implementation of intelligent transportation system technologies.

The meeting will be held December 12, 2018 from 8:00 a.m. to 4:30 p.m. ET at the National Highway Institute, 1310 North Courthouse Road, Suite 300, Arlington, VA.

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

Notice of the December 5, 2018, Meeting of the National Park System Advisory Board
Department of the Interior (Interior)

Notice announcing a meeting of the National Park System Advisory Board to be briefed on the priorities and programs of the National Park Service, including the National Historic Landmarks and National Natural Landmarks programs.

The meeting will be held December 5, 2018 from 9:30 a.m. to 5:00 p.m. ET at the Courtyard Marriott Washington, DC/Foggy Bottom, 515 20th Street NW, Washington, DC.

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

Expanding Opportunity Through Quality Charter Schools Program (CSP): Grants to Charter Management Organizations for the Replication and Expansion of High-Quality Charter Schools CFDA Number 84.282M
Department of Education (Education), Office of Innovation and Improvement (OII)

Notice seeking applications to increase the number of high-quality charter schools and/or expand opportunities for all students, particularly traditionally underserved students, to attend charter schools and meet challenging State academic standards; provide financial assistance for the planning, program design, and initial implementation of public charter schools. Funds may support enrollment expansion one or more existing high-quality charter schools, or the replication of more new charter schools that are based on an existing, high-quality charter school model.

Pre-Application Webinar will be held Thursday, December 6, 2018, 12:00 p.m. ET. Pre-register by emailing your name, organization, and contact information with the subject heading "CMO GRANTS PRE-APPLICATION MEETING" to: charterschools@ed.gov. Applications are due January 10, 2019. Approximately \$90 million is available for 30 awards. Partnership opportunities may exist for colleges and universities.

LINKS: [Grants.gov](#)

FY 19 Guidelines for Brownfields Cleanup Grants
Environmental Protection Agency (EPA)

Notice seeking applications to support efforts to carry out cleanup activities on brownfield sites owned by the applicant where the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of hazardous substances, pollutants, contaminants, controlled substances, petroleum or petroleum products, or is mine-scarred land. An applicant must be the sole owner of the site(s) that is the subject of its Cleanup Grant proposal and must own the site(s) by January 31, 2019, to be eligible to receive a Cleanup Grant. A 20 percent cost share is required.

Applications are due January 31, 2019. Approximately \$11 million is available to support up to 40 awards. Awards are capped at \$500,000.

Limited Submission: An applicant may only submit one Cleanup Grant proposal in the FY19 competition cycle.

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

Meeting of the Coordinating Council on Juvenile Justice and Delinquency Prevention
Office of Justice Programs (OJP), Department of Justice (Justice)

Notice announcing a meeting of the Council on Juvenile Justice and Delinquency Prevention to discuss agency work and council member announcements.

The meeting will be held December 19, 2018 at 10 a.m. ET in the third-floor main conference room at the U.S. Department of Justice, Office of Justice Programs, 810 7th St. NW, Washington, DC.

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

National Advisory Council on Indian Education (NACIE), U.S. Department of Education
Department of Education (Education)

Notice announcing a meeting of the National Advisory Council on Indian Education (NACIE) to discuss and vote on NACIE's Annual Report Subcommittee recommendations.

The meeting will be held December 17, 2018 from 4:00 p.m. to 5:00 p.m. ET. There will be a conference line limit of 50 people on a first-come basis for the open portion of the meeting. Dial: 202-991-0393 and enter Conference ID: 61695881. The Department will post the official report of the open meeting on the OESE website at: <http://www2.ed.gov/about/offices/list/oease/index.html?src=oc> 21 days after the meeting.

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

HEALTH and MENTAL HEALTH

2019 Empowering Older Adults and Adults with Disabilities through Chronic Disease Self-Management Education Programs Financed by the Prevention and Public Health Fund
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to develop capacity for, bring to scale, and sustain evidence-based programs that empower older adults and adults with disabilities to better manage their chronic conditions. Two funding tracks are available: Sustainable Systems grants and Capacity-Building grants.

Applications are due January 29, 2019. Up to six Sustainable Systems grants are anticipated with a funding range of \$500,000 to \$900,000, and up to four Capacity-Building grants with a funding range of \$50,000 to \$150,000.

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

2019 Evidence-Based Falls Prevention Program
Administration for Community Living (ACL), Department of Health and Human Services (HHS)

Notice seeking applications to develop capacity, bring to scale, and sustain evidence-based falls prevention programs that

will help to reduce the number of falls, fear of falling, and/or fall-related injuries in older adults. Two types of projects are available for funding: Sustainable Systems grants and Capacity-Building grants.

Applications are due January 29, 2019. Approximately \$4.18 million is available to support 10 awards.

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

Accelerating Malaria Vaccine Discovery (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to support early phase translational research that will generate new malaria vaccine candidates suitable for further downstream development and clinical evaluation.

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2022.

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

Advancing Development of Rapid Fungal Diagnostics (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to support the development of rapid, sensitive, specific, simple, and cost-effective diagnostics for primary health-care settings (hospitals and point-of-care).

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2022.

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

Advancing Development of Rapid Fungal Diagnostics (R21 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to support the development of rapid, sensitive, specific, simple, and cost-effective diagnostics for primary health-care settings (hospitals and point-of-care).

Applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2022.

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

Capacity Building in the Ryan White HIV and AIDS Program to Support Innovative Program Model Replication
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to enhance the capacity of Ryan White HIV/AIDS Program (RWHAP) recipients and subrecipients to replicate evidence-informed interventions, using program implementation tools, manuals and other resources previously developed by the U.S. Department of Health and Human Services (HHS).

Requested letters of intent are due January 14, 2019. Applications are due February 25, 2019. Approximately \$1.9 million is available to support one award.

LINKS: [Grants.gov](#)

Enabling Technologies to Accelerate Development of Oral Biodevices (R41 and R42 Clinical Trial 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 that propose transformative engineering solutions to technical challenges associated with new

development, substantial optimization of existing technologies and clinical translation of intraoral biodevices. Proposed technologies are expected to advance development of oral biodevices to clinical use, including but not limited to: precision medicine-based detection, diagnosis and treatment of oral and overall health conditions, and measurement of patient functional status and clinical outcome assessment.

Applications are due annually on September 5, January 5, and April 5. Program expires January 6, 2022.

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

Enabling Technologies to Accelerate Development of Oral Biodevices (R43 and R44 Clinical Trial 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 that propose transformative engineering solutions to technical challenges associated with new development, substantial optimization of existing technologies and clinical translation of intraoral biodevices.

Applications are due annually on September 5, January 5, and April 5. Program expires January 6, 2022.

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

Independent Scientist Award (Parent K02 - Independent Basic Experimental Studies with Humans Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to foster the development of outstanding scientists and enable them to expand their potential to make significant contributions to their field of research.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

Leveraging Health Information Technology (Health IT) to Address Minority Health and Health Disparities (R01 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Minority Health and Health Disparities (NIMHD); National Cancer Institute (NCI)

Notice seeking applications to support research that examines how health information technology adoption impacts minority health and health disparity populations in access to care, quality of care, patient engagement, and health outcomes.

Requested letters of intent are due 30 days prior to the application due date. Applications are due March 4, 2019, March 4, 2020, and March 4, 2021.

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

Mentored Clinical Scientist Research Career Development Award (Parent K08 - Independent Basic Experimental Studies with Humans Required)

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

Notice seeking applications to prepare qualified individuals for careers that have a significant impact on the health-related research needs of the Nation. This program represents the continuation of a long-standing NIH program that provides support and "protected time" to individuals with a clinical doctoral degree for an intensive, supervised research career development experience in the fields of biomedical and behavioral research, including translational research.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

Mentored Patient-Oriented Research Career Development Award (Parent K23 Independent Basic Experimental Studies with Humans Required)

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

Notice seeking applications to support the career development of individuals with a clinical doctoral degree who have made a commitment to focus their research endeavors on patient-oriented research.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

Mentored Quantitative Research Development Award (Parent K25 - Independent Basic Experimental Studies with Humans Required)

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

Notice seeking applications to attract to NIH-relevant research those investigators whose quantitative science and engineering research has thus far not been focused primarily on questions of health and disease.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

Mentored Research Scientist Development Award (Parent K01 - Independent Basic Experimental Studies with Humans Required)

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

Notice seeking applications to provide support and “protected time” (three to five years) for an intensive, supervised career development experience in the biomedical, behavioral, or clinical sciences leading to research independence.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

Midcareer Investigator Award in Patient-Oriented Research (Parent K24 - Independent Basic Experimental Studies with Humans Required)

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

Notice seeking applications to provide support to mid-career health-professional doctorates for protected time to devote to patient-oriented research (POR) and to act as research mentors primarily for clinical residents, clinical fellows and/or junior clinical faculty.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

Molecular and Genetic Characterization of Inborn Errors of Immunity (R01 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to advance the experimental validation and functional characterization of genetic variants in coding or non-coding genomic regions that result in inborn errors of immunity/primary immunodeficiency diseases and to elucidate the molecular, cellular, and immunological mechanisms of these disorders.

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2022.

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

Molecular and Genetic Characterization of Inborn Errors of Immunity (R21 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to advance the experimental validation and functional characterization of genetic variants in coding or non-coding genomic regions that result in inborn errors of immunity/primary immunodeficiency diseases and to elucidate the molecular, cellular, and immunological mechanisms of these disorders. Understanding the genetic basis of primary immunodeficiency disorders is essential for their diagnosis, prognosis, and the development of precision therapeutics.

Applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2022.

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

NIH Exploratory and Developmental Research Grant Program (Parent R21 Basic Experimental Studies with Humans Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support exploratory and developmental research projects by providing support for the early and conceptual stages of these projects.

Applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2022.

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

NIH Pathway to Independence Award (Parent K99-R00 Independent Basic Experimental Studies with Humans Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to increase and maintain a strong cohort of new and talented, NIH-supported, independent investigators. This program is designed to facilitate a timely transition of outstanding postdoctoral researchers with a research and/or clinical doctorate degree from mentored, postdoctoral research positions to independent, tenure-track or equivalent faculty positions.

Applications are due annually on February 12, June 12, and October 12. Program expires January 8, 2022.

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

NIH Research Project Grant (Parent R01 Basic Experimental Studies with Humans Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support a discrete, specified, circumscribed project in areas representing the specific interests and competencies of the investigator(s).

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2022.

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

Novel approaches to understand, prevent, treat, and diagnose coccidioidomycosis (Valley Fever) and other select endemic fungal infections (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice seeking applications to support research activities that will contribute to the overall understanding of coccidioidomycosis, commonly known as Valley Fever, and other select endemic fungal diseases including histoplasmosis and blastomycosis.

Applications are due annually on February 5, June 5, and October 5. Program expires January 8, 2022.

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

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Applications are due annually on February 16, June 16, and October 16. Program expires January 8, 2022.

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

Primary Care Training and Enhancement: Integrating Behavioral Health and Primary Care Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications for innovative training programs that integrate behavioral health care into primary care, particularly in rural and underserved settings with a special emphasis on the treatment of opioid use disorder.

Applications are due January 28, 2019. Approximately \$4 million is anticipated to fund up to 10 awards.

LINKS: [Grants.gov](#)

Quantifying Contact Rates and Mixing Patterns in Workers in Non-Healthcare Work Settings in the United States and Modeling the Effect of Workplace Social Distancing Measures in Reducing Influenza Transmission
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

Notice seeking applications to: (1) conduct research that describes individual social contact and mixing patterns in workers in non-healthcare work settings in the United States; and (2) assess the feasibility and effectiveness of various workplace social distancing strategies in reducing or slowing the transmission of influenza.

Requested letters of intent are due January 18, 2019. Applications are due March 19, 2019. Approximately \$2.5 million is available to support up to two awards for four years.

Limited Submission: Only one application per institution

LINKS: [Grants.gov](#)

Short Courses on Innovative Methodologies and Approaches in the Behavioral and Social Sciences (R25 Clinical Trial Not Allowed)

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

Notice seeking applications 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.

Requested letters of intent are due December 24, 2018. Applications are due January 24, 2019. Approximately \$1 million is available per year.

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

Specialized Centers of Research Excellence (SCORE) on Sex Differences (U54 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support interdisciplinary approaches to advance translational research on sex differences.

Each SCORE institution should develop a research agenda bridging basic and clinical research underlying a health issue that is pertinent to improving the health of women.

Requested letters of intent are due 30 days prior to the application due date. Applications are due January 10, 2019. Approximately \$7.5 million is available to support five awards.

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

A Practice-Based Research Network to Transform Mental Health Care: Science, Service Delivery and Sustainability (U19 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice supporting applications for a practice-based research Network to transform the development, delivery, and sustainability of evidence-based mental health practices and services. Funds support a research consortium embedded within large and integrated healthcare delivery systems (public and/or commercial systems) that serve representative populations, that would constitute a continuously learning healthcare system. Projects should provide infrastructures that can be leveraged to: efficiently and rapidly identify, recruit and enroll large and diverse patient populations into effectiveness trials; harmonize electronic health record data across multiple integrated systems for common analyses; build capacity for the collection, storage, and analysis of biologic and/or genetic material; study low base-rate events (e.g., suicide, autism spectrum disorders, first episode psychosis) by using and advancing innovative methodologies (e.g., predictive analytics); develop, test, and deploy large-scale mental health information technology interventions, workflows, and decision support systems; develop and test strategies to address health disparities; and generate data that will fuel the transformation of mental health care.

Optional letters of intent are due January 29, 2019. Applications are due February 28, 2019. Approximately \$2.6 million is available to support up to two awards.

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

Control of Sexually Transmitted Infections (STIs) Through a Comprehensive Understanding of the Natural History of Infection (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice supporting applications for research to advance the understanding of natural history of infection for three sexually transmitted infections: gonorrhea, syphilis, and chlamydia. This research opportunity encourages studies that address the natural history of infection in the context of either: 1) correlates of protection, 2) host response to infection, 3) clinical endpoints of disease, or 4) biological and clinical factors that influence clearance rather than persistence of infection.

Applications are due annually on February 5, June 5, and October 5 until January 8, 2022. Multiple awards are anticipated.

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

Emotion Regulation, Aging and Mental Disorder (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice supporting mechanistic research applications on age-related changes in emotion regulation and how they may contribute to mental disorders in middle-aged and older adults. Funds support research that advances understanding of irregularities in the integrative neural-behavioral mechanisms of emotion regulation in adult mood and anxiety disorders, and that will examine whether the irregularities are associated with typical or atypical maturational trajectories of emotion processing. It is anticipated that such studies may identify novel targets for mental health interventions or prevention efforts or provide clues as to which available intervention strategies might be optimally applied to normalize emotion dysregulation or to strengthen emotional resilience at particular stages of the adult life cycle.

Applications are due annually on February 5, June 5, and October 5 until January 8, 2022. Multiple awards are anticipated.

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

Emotion Regulation, Aging and Mental Disorder (R21 Clinical Trial Not Allowed)

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

Notice supporting exploratory mechanistic research applications on age-related changes in emotion regulation and how they may contribute to mental disorders in middle-aged and older adults. Funds support research that advances understanding of irregularities in the integrative neural-behavioral mechanisms of emotion regulation in adult mood and anxiety disorders, and that will examine whether the irregularities are associated with typical or atypical maturational trajectories of emotion processing. It is anticipated that such studies may identify novel targets for mental health interventions or prevention efforts or provide clues as to which available intervention strategies might be optimally applied to normalize emotion dysregulation or to strengthen emotional resilience at particular stages of the adult life cycle.

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

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

Exploring Molecular Links Between Dietary Interventions and Circadian Rhythm (R01 Clinical Trial Not Allowed)

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

Notice seeking innovative applications for experimental approaches to explore how dietary intervention entrains peripheral or central clocks to maintain tissue homeostasis and how circadian regulation integrates with various dietary strategies to achieve optimal health benefits.

Optional letters of intent are due February 6, 2019. Applications are due March 6, 2019. Approximately \$2.5 million is available to support four to six awards.

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

Genetic Engineering Technologies for HIV Cure Research (U19 Clinical Trial Optional)

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

Notice supporting applications for genetic engineering technologies to HIV-1 cure research that can achieve long-term remission of HIV-1 in the absence of antiretroviral treatment or complete elimination of HIV-1. Applications are expected to include basic science/preclinical research as well as translational activities such as test-of-concept studies in animal models or human subjects and must be designed as collaborative efforts between academia and the private sector.

Optional letters of intent are due February 11, 2019. Applications are due March 11, 2019. Approximately \$5 million is available to support up to two awards.

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

Healthy Kids 2019

Centers for Medicare and Medicaid Services (CMS), Department of Health and Human Services (HHS)

Notice seeking applications to reduce the number of children who are eligible for, but not enrolled in, Medicaid and the Children's Health Insurance Program, and to improve retention of eligible children who are enrolled in the programs.

Applications are due January 28, 2019. Approximately \$1.5 million is available for 35 awards.

LINKS: [Grants.gov](#)

Identify and Evaluate Potential Risk Factors for Amyotrophic Lateral Sclerosis (ALS)

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), Agency for Toxic Substances and Disease Registry Extramural Research Program Office

Notice soliciting applications for investigator-initiated research that will further the understanding of potential risk factors for ALS, while supporting the National ALS Registry's mission. The National ALS Registry's goals are to estimate the number of new ALS cases each year, estimate the number of people who have ALS at a specific point in time, better understand who gets ALS, and identify what contributing factors, including environmental, may affect ALS.

Optional letters of intent are due January 21, 2019. Applications are due March 11, 2019. Approximately \$2.5 million is available to support up to five awards.

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

National Center of Excellence for Infant and Early Childhood Mental Health Consultation
Substance Abuse and Mental Health Services Administration (SAMHSA), Department of Health and Human Services (HHS)

Notice seeking applications to advance the implementation of high quality infant and early childhood mental health consultation across the nation through the development of tools, resources, training, and mentorship to the infant and early childhood mental health field.

Applications are due January 29, 2019. Approximately \$1 million is available for one award.

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

National Rural Health Policy, Community, and Collaboration Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice seeking applications to identify, engage, educate, and collaborate with rural stakeholders on national rural health policy issues and promising practices in an effort to improve the health of people living in rural communities nationwide.

Applications are due February 28, 2019. Approximately \$2.3 million is available for one award to support a project lasting up to five years.

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

Research to Advance HBV Cure: HIV-HBV Co-Infection and HBV Mono-infection (R01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Allergy and Infectious Diseases (NIAID)

Notice supporting applications for innovative basic, translational, and clinical research to identify and address the challenges to achieving hepatitis B virus (HBV) cure in the presence or absence of human immunodeficiency virus (HIV). Research on HBV relating to the following areas are encouraged: (1) immunology; (2) virology; and (3) therapeutics.

Applications are accepted annually on February 5, June 5, and October 5 until January 8, 2022. Approximately \$4.1 million is available to support three to five awards.

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

Rural Residency Planning and Development Program
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), Federal Office of Rural Health Policy and Bureau of Health Workforce

Notice supporting efforts by medical schools and other rural stakeholders to develop new rural residency programs or Rural Training Tracks in family medicine, internal medicine, and psychiatry, to support expansion of the physician workforce in rural areas. The funds will support planning and development costs accrued while achieving program accreditation through the Accreditation Council for Graduate Medical Education.

Applications are due March 4, 2019. Approximately \$21 million is available to support up to 28 awards.

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

Bone, Reproductive and Urologic Drugs Advisory Committee; Notice of Meeting; Establishment of a Public Docket; Request for Comments
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Food and Drug Administration to provide advice and recommendations to FDA on regulatory issues.

The meeting will be held January 16, 2019 from 8:15 a.m. to 5:00 p.m. ET at FDA White Oak Campus, 10903 New Hampshire Ave., Bldg. 31 Conference Center, the Great Room (Rm. 1503), Silver Spring, MD. The <https://www.regulations.gov> electronic filing system will accept comments until 11:59 p.m. ET at the end of January 14, 2019.

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

Joint Meeting of the Arthritis Advisory Committee and the Drug Safety and Risk Management Advisory Committee; Notice of Meeting; Establishment of a Public Docket; Request for Comments
Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Arthritis Advisory Committee and the Drug Safety and Risk Management Advisory Committee to provide advice and recommendations to FDA on regulatory issues.

The meeting will be held January 11, 2019 from 8 a.m. to 5 p.m. ET at College Park Marriott Hotel and Conference Center, General Vessey Ballroom, 3501 University Blvd. East, Hyattsville, MD.

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

Meeting of the Advisory Commission on Childhood Vaccines
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

Notice announcing a meeting of the Advisory Commission on Childhood Vaccines to hear reports from the Department of Injury Compensation, Department of Justice, Immunization Safety Office Centers for Disease Control and Prevention Vaccine Activities, and National Institute of Allergy and Infectious Diseases, National Institutes of Health Vaccine Activities.

This meeting will be held December 6, 2018 at 10:00 a.m. ET by teleconference and Adobe Connect webinar. Members of the public are encouraged to call: 800-988-0218 and enter the password: 9302948 and/or connect to the ACCV Adobe Connect Meeting using the following URL: <https://hrsa.connectsolutions.com/accv/>

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Cloud Based Internet Isolation (CBII) OTA for Prototype
Department of Defense (Defense)

Notice seeking white papers to develop a Cloud Base Internet Isolation pilot. The Enterprise Cloud Based Internet Isolation capability would eliminate the threat of a variety of attacks that plague Department of Defense networks and compromise its data. The service would redirect internet browsing from the end user's desktop into a remote cloud-based server, which will relieve overall bandwidth utilization and provide a new, better level of cyber defense.

White papers are due December 7, 2018 by 4:00 p.m. CT. Two Other Transaction Agreements are available.

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

Computational Materials Sciences
Department of Energy (Energy), Office of Science

Notice seeking applications with the aim of producing widely applicable, validated community codes and the associated databases for the design of functional materials. Proposals must include plans for the utilization of DOE's Leadership Class Computing facilities including petascale, pre-exascale and future exascale machines.

Required pre-applications are due December 21, 2018. Applications are due February 28, 2019. Approximately \$24 million is available to support up to eight awards for four years.

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

Fiscal Year 2019 NMFS-Sea Grant Fellowships in Marine Resource Economics
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce), National Marine Fisheries Service (NMFS)

Notice seeking applications interested in careers related to the development and implementation of quantitative methods for assessing the economics of the conservation and management of living marine resources. This fellowship can provide support for up to three years.

Applications are due January 30, 2019. The expected annual award per Fellow will be \$48,000. Cost share of 20 percent is required.

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

Fiscal Year 2019 NMFS-Sea Grant Fellowships in Population and Ecosystem Dynamics
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice seeking applications to award at least three new Ph.D. Fellowships in 2019 to students who are interested in careers related to marine ecosystem and population dynamics, with a focus on modeling and managing systems of living marine resources. These fellowships can provide support for up to three years.

Applications are due January 30, 2019. The expected annual award per Fellow will be \$48,000. Cost share of 20 percent is required.

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

Macrosystems Biology and NEON-Enabled Science
Directorate for Biological Sciences (BIO), National Science Foundation (NSF)

Notice seeking proposals for quantitative, interdisciplinary, systems-oriented research on biosphere processes and their complex interactions with climate, land use, and invasive species at regional to continental scales as well as training activities to enable groups to conduct Macrosystems Biology and NEON-Enabled Science research.

Proposals are due February 25, 2019. Approximately \$9 million is available to fund 18 to 21 awards.

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

ROSES 2018: Strategic Astrophysics Technology
National Aeronautics and Space Administration (NASA)

Notice seeking proposals to support the maturation of key technologies, for which feasibility has already been demonstrated, for potential infusion in space flight missions. Focus areas include: the search for extra-solar planets; the origin and evolution of the Universe; and the birth of stars and galaxies.

Required notices of intent are due January 24, 2019. Proposals are due March 21, 2019. Approximately \$6 million is available to fund multiple awards. Funding levels vary by project type.

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

NASA Advisory Council
National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the NASA Advisory Council (NAC). The agenda for the meeting will include reports from the following: Aeronautics Committee; Human Exploration and Operations Committee; Regulatory and Policy Committee; Science Committee; STEM Engagement Committee; and Technology, Innovation and Engineering Committee.

The meeting will be held Monday, December 10, 2018, from 1:30-6:00 p.m.; and Tuesday, December 11, 2018, from 9-12 p.m., ET. at NASA Headquarters, Program Review Center, Room 9H40, 300 E Street SW, Washington, DC.

LINKS: [Federal Register](#)

Notice of Information Collection
National Aeronautics and Space Administration (NASA)

Notice seeking comments on the Job Shadowing Program (JSP). The program targets high school and undergraduate students and offers an opportunity to experience the practical application of STEM, business, and other disciplines aligned to NASA's long-term workforce needs, in a NASA-unique workplace setting. Program participants receive insight into NASA and KSC's history, current activities, and other student opportunities through briefings, tours, and career panels.

Comments are due within 60 calendar days from the date of this publication to Laurette Brown, National Aeronautics and Space Administration, Mail Code IT-C2, Kennedy Space Center, FL 32899.

LINKS: [Federal Register](#)

Notice of Request for Information (RFI)-Technology Commercialization Fund
Department of Energy (Energy)

Notice seeking feedback on how the Office of Technology Transitions might improve the Technology Commercialization Fund through changes to the program and its structure. OTT seeks specific input on the TCF's structure and process, role of project partners, cost share arrangements, and potential to leverage other DOE programs.

Responses are due January 11, 2019.

LINKS: [Federal Register](#)

Competition for a Cooperative Institute for Satellite Earth System Studies
National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (Commerce)

Notice supporting applications for the establishment of a new Cooperative Institute for Satellite Earth System Studies. Funds support projects providing secure and timely access to global environmental data and information from satellites and other sources in order to promote and protect the Nation's security, environment, economy, and quality of life. This will be accomplished by assisting the NOAA science enterprise in transforming the 'bits and bytes' received from satellites and other sources around the globe into information about the environment. Awardees must possess the breadth of expertise and resources necessary to conduct research and development activities that span sensor calibration to product validation, and application development to enable the transfer and visualization of information.

Applications are due January 31, 2019. Approximately \$20-40 million is available to support one award.

LINKS: [Grants.gov](#)

Data-Driven Discovery of Optimized Multifunctional Material Systems Center of Excellence (D³OM²S CoE)
Department of Defense (Defense), Air Force -- Research Lab (AFRL)

Notice seeking graduate-level applications to develop and apply artificial intelligence, data analytics, and decision science to advance materials problems of interest to the USAF through strong, organic collaborations between the Recipient and USAF researchers.

White papers are due January 3, 2019. Approximately \$5 million is available for one award to support a project lasting up to five years.

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

Improving Undergraduate STEM Education: Hispanic-Serving Institutions
Directorate for Education & Human Resources (EHR), National Science Foundation (NSF)

Notice seeking applications to enhance the quality of undergraduate STEM education and increase retention and graduation rates of undergraduate students pursuing degrees in science, technology, engineering, and mathematics at Hispanic Serving Institutions.

Applications are due March 6, 2019. Funding available on two tracks: 1) Building Capacity funds projects- offers up to \$2.5 million for up to 5 years and is open to all eligible institutions. This track has three priority areas: Critical Transitions; Innovative Cross-Sector Partnerships; and Teaching and Learning in STEM. 2) HSIs New to NSF funds projects- offers up to \$300,000 for up to 3 years and is open only to eligible institutions that have never received NSF funding, or that have not received NSF funding in the five years preceding the proposal deadline. PI webinars are scheduled for Monday, December 17, 2018 @ 3:00 – 4:00 pm ET.

Register: <https://nsf2.webex.com/nsf2/j.phpRGID=rc38581f9bfd5ed17bdf5d69ba4f98cc4> and Thursday, January 10, 2019; 3:00 – 4:00 pm ET. Register: <https://nsf2.webex.com/nsf2/j.phpRGID=rb7c863036bfaae87f52019d93743ee2f>

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

NSF-CBMS Regional Research Conferences in the Mathematical Sciences
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking applications to organize and host conferences to explore scholarly work widely, to reveal and plan new directions for research, and to engage and encourage students and junior scientists early in their careers, to strengthen connections among the mathematical sciences community.

Applications are due on April 26, 2019 and the last Friday in April, annually thereafter. Approximately \$350,000 is available for up to 10 awards to support projects lasting up to one year.

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

Aquatic Nuisance Species Task Force Meeting
Fish and Wildlife Service (FWS), Department of the Interior (Interior)

Notice announcing a meeting of the Aquatic Nuisance Species (ANS) Task Force to discuss the content of the draft ANS Task Force Strategic Plan for 2019-2024; review and discuss the draft ANS Task Force Report to Congress for 2016-2017; and respond to recommendations from the ANS Task Force regional panels.

The meeting will be held December 12-13, 2018 from 8 a.m. to 5:00 p.m. ET at 5275 Leesburg Pike, Falls Church, VA.

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

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

Notice announcing a meeting of the NASA International Space Station (ISS) Advisory Committee to discuss all aspects related to the safety and operational readiness of the ISS, and to assess the possibilities for using the ISS for future space

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exploration.

The meeting will be held December 21, 2018 from 2:00 p.m. to 3:00 p.m. ET at NASA Headquarters, Glennan Conference Room (1Q39), 300 E Street SW, Washington, DC. Members of the public can also join the meeting via teleconference. Call Patrick Finley at 202-358-5684 before 4:30 p.m. ET on December 18, 2018.

LINKS: [Federal Register](#)