**UNO FOCUS:**

Louisiana RockOn 2019 Teams

Louisiana Space Grant Consortium (LaSPACE)

Organized by the Colorado and Virginia Space Grant Consortia in partnership with NASA Wallops Flight Facility RockOn is a hands-on, one-week workshop, which leads teams through the process of building, testing, and flying a sounding rocket payload to an altitude in excess of 70 miles. The 2019 RockOn workshop is tentatively scheduled for June 15 – 20, 2019 and LaSPACE is prepared to support two teams of three to attend RockOn this year. The workshop registration, lodging, and other travel expenses for the selected teams will be directly supported by LaSPACE; no subaward will be issued.

Applications are due January 16, 2019 to laspace@lsu.edu

LINKS:   
https://spacegrant.colorado.edu/national-programs/rockon-home

**ARTS, HUMANITIES AND INTERNATIONAL**

Ecuador Countering Transnational Organized Crime Capacity Building Program

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310119)

U.S. Embassy Lusaka PAS Annual Program Statement

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310034), [Solicitation](https://zm.usembassy.gov/pas_small_grants/)

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

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310079)

Ukraine: U.S. Government Public Diplomacy Small Grants Program--Academic and Educational Programs

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310080), [Solicitation](https://ua.usembassy.gov/education-culture/current-programs-grants/)

Meeting of the Renewable Energy and Energy Efficiency Advisory Committee

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

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

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

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/01/2018-23884/meeting-of-the-renewable-energy-and-energy-efficiency-advisory-committee), [Agency Site](http://export.gov/reee/reeeac)

Bureau of Democracy, Human Rights and Labor Request for Statements of Interest: CHINA PROGRAMS

Department of State (State)

​Notice seeking statements of interest to conduct programs that promote human rights in China. Program concepts should demonstrate ability to: Improve rights awareness and access to justice for Chinese citizens; Strengthen and institutionalize citizen participation in government policy formation and decision-making at all levels of government; Promote government information transparency and accountability at national and local levels; Promote freedom of expression, freedom of press, and access to information; Increase the ability of rights-focused civil society groups to work together across sectors to collectively address laws and regulations that hinder ability to operate effectively in China; Encourage the promotion of government and societal respect for freedom of religion or belief; Promote internationally recognized labor rights, including at the enterprise and/or industry sector level; Engage on rights-focused issues of broad concern to the Chinese public, including environmental issues, food safety, discrimination, and other such cross-cutting issues.

​Statements of interest are due November 16, 2018. The award window is $500,000 to $1.5 million.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310007)

USAID’s Physical Rehabilitation Activity

United States Agency for International Development (USAID)

​Notice seeking proposals to establish a sustainable, integrated, public-private rehabilitation system in Nepal.

​Applications are due December 3, 2018 at 5:00 p.m. NPT. Approximately $4 million is available to fund one cooperative agreement. A suggested cost-share of 10% is recommended but not required.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310006)

**EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT**

Great Lakes Fish and Wildlife Restoration Act

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

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

Applications are due January 7, 2019. Approximately $1.1 million is available to support up to eight awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310071)

OVW FY 2019 Enhanced Training and Services to End Abuse in Later Life Program

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

​Notice seeking applications to provide or enhance training and services to address elder abuse, neglect, and exploitation, including sexual assault, domestic violence, dating violence, or stalking, involving victims who are 50 years of age or older.

Encouraged letters of intent are due to [OVW.Elder@usdoj.gov](mailto:OVW.Elder@usdoj.gov) by December 18, 2018. Applications are due January 8, 2019. Approximately $3.4 million is available for up to nine awards to support projects lasting up to three years.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310095)

Notice of Public Meeting Shipping Coordination Committee Meeting

Department of State (State)

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

​The meeting will be held at  9 a.m. ET on November 27, 2018, in the CDR Raymond J. Evans Conference Center, Room 6i10-01-a, of the Douglas A. Munro Coast Guard Headquarters Building at St. Elizabeth's, 2703 Martin Luther King Jr. Avenue SE, Washington DC

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/01/2018-23865/notice-of-public-meeting-shipping-coordination-committee-meeting), [Agency Site](https://www.dco.uscg.mil/IMO/)

2019 Wood Innovations Funding Opportunity

United States Department of Agriculture (USDA), Forest Service

​Notice seeking applications that significantly stimulate or expand wood products markets and wood energy markets that support the long-term management of National Forest System and other forest lands.

​Applications are due January 23, 2019.  Approximately $8 million is available.  Applicants must contribute at least 50% of the Forest Service requested funds.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=309792), [Agency Site](https://www.fs.usda.gov/naspf/programs/wood-education-and-resource-center/2019-wood-innovations-program-request-proposals)

Asian Elephant Conservation Fund

Fish and Wildlife Service (FWS), Department of the Interior (Interior)

​Notice seeking proposals for the conservation of the Asian elephant (Elephas maximus) throughout its range. Acceptable activities include: Support of protected area/reserve management and law enforcement in Asian elephant ranges; Applied research on elephant populations and their habitats, including surveys and monitoring; Activities that result in fewer wild elephants being removed from the wild, reduce demand in consumer countries for ivory and other body parts, and prevent illegal killing of elephants; Development and execution of elephant conservation management plans; Compliance with the Convention on International Trade in Endangered Species of Wild Fauna and Flora and other applicable treaties and laws that prohibit or regulate the taking or trade of elephants or regulate the use and management of elephant habitat; Strengthening local capacity and enhancing community engagement to implement conservation programs that enhance conservation stewardship; Efforts to decrease human-elephant conflict; and Transfrontier elephant conservation.

Proposals are due January 14, 2019. Approximately $1.4 million is available to fund 15 awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310019)

Early Head Start Expansion and Early Head Start-Child Care Partnership Grants

Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Office of Head Start (OHS)

​Notice seeking applications for the purpose of expanding access to high-quality, comprehensive early learning services for low-income infants and toddlers and their families.

​Applications are due November 30, 2018.  Approximately $140 million is available to support 60 awards. Cost sharing of at least 20 percent is required.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=309869), [Solicitation](https://ami.grantsolutions.gov/HHS-2019-ACF-OHS-HP-1386)

Migrant and Seasonal Early Head Start Expansion and Early Head Start-Child Care Partnership Grants

Administration for Children and Families (ACF), Department of Health and Human Services (HHS), Office of Head Start (OHS)

​Notice seeking applications for the purpose of expanding access to high-quality, comprehensive early learning services for low-income migrant and seasonal infants and toddlers and their families.

​Applications are due November 30, 2018.  Approximately $6.16 million is available to support eight awards.  Cost sharing of at least 20 percent is required.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=309870), [Solicitation](https://ami.grantsolutions.gov/HHS-2019-ACF-OHS-HM-1393)

National Sea Grant Advisory Board (NSGAB); Public Meeting of the National Sea Grant Advisory Board

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

​Notice announcing a meeting of the National Sea Grant Advisory Board to provide advice to the National Sea Grant College Program in the areas of program evaluation, strategic planning, education and extension, science and technology programs, and other matters as described in the agenda found on the Sea Grant website.

​The meeting will be held December 10, 2018 from 4:00 p.m. to 5:30 p.m. ET at 1315 East-West Highway, Bldg. 3, Room #01215, Silver Spring, MD.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/31/2018-23810/national-sea-grant-advisory-board-nsgab-public-meeting-of-the-national-sea-grant-advisory-board), [Agency Site](https://seagrant.noaa.gov/About/Advisory-Board)

Open Meeting of the Taxpayer Advocacy Panel Joint Committee

Department of the Treasury (Treasury)

​Notice announcing a teleconference of the Taxpayer Advocacy Panel with public comment being sought on improving customer service at the Internal Revenue Service.

​The teleconference will be held November 15, 2018.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/31/2018-23804/open-meeting-of-the-taxpayer-advocacy-panel-joint-committee), [Agency Site](https://improveirs.org/)

**HEALTH and MENTAL HEALTH**

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

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310066), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-19-018.html)

AIDS Education and Training Centers – National HIV Curriculum e-Learning Platform: Technology Operations and Maintenance

FON:   
HRSA-19-041   
Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS), HIV/AIDS Bureau; Office of Training and Capacity Development

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=307914)

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

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

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

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

Limited Submission:   
Only one application per institution is allowed.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310096), [Solicitation](http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-20-004.html)

Emerging Global Leader Award (K43 Independent Clinical Trial Required)

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310114), [Solicitation](http://grants.nih.gov/grants/guide/pa-files/PAR-19-051.html)

Engaging Men in HIV Testing, Prevention, and Care (R01 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 seeking large research project applications to develop and test strategies to increase the engagement of men in HIV prevention and care within global settings and among US domestic populations who have evidenced lower rates of engagement and retention in HIV prevention and care.  These strategies may be implemented in a range of community settings and venues where men can be reached, and they should provide the capacity to expand men’s engagement in HIV testing, prevention, and care to help prevent the further transmission of HIV.

​Applications are due annually on May 7, September 7, and January 7 until September 8, 2021. Multiple awards are anticipated.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310090), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PA-19-042.html)

Engaging Men in HIV Testing, Prevention, and Care (R21 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 seeking exploratory applications for efforts to develop and test strategies to increase the engagement of men in HIV prevention and care within global settings and among US domestic populations who have evidenced lower rates of engagement and retention in HIV prevention and care. These strategies may be implemented in a range of community settings and venues where men can be reached, and they should provide the capacity to expand men’s engagement in HIV testing, prevention, and care to help prevent the further transmission of HIV.

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310089), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PA-19-050.html)

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

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

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

​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](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310070), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PA-19-049.html)

NHLBI TOPMed: Omics Phenotypes of Heart, Lung, and Blood Disorders (X01 - Clinical Trial Not Allowed)

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310068), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PAR-19-048.html)

TriService Nursing Research Program -B Call

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310092), [Solicitation](https://www.usuhs.edu/tsnrp)

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

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

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

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

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/01/2018-23857/eunice-kennedy-shriver-national-institute-of-child-health-and-human-development-notice-of-meeting), [Solicitation](https://www.nichd.nih.gov/about/meetings/Pages/index.aspx)

Request for Nominations for a Science Advisory Board Panel to Review the EPA's Draft All-Ages Lead Model (AALM) Software and Model Documents

Environmental Protection Agency (EPA)

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

​Nominations are due by November 23, 2018.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/01/2018-23904/request-for-nominations-for-a-science-advisory-board-panel-to-review-the-epas-draft-all-ages-lead), [Agency Site](http://www.epa.gov/sab)

Advancing Research in Augmentative and Alternative Communication (AAC) (R01 Clinical Trial Optional)

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

​Notice seeking applications on Augmentative and Alternative Communication (AAC) to advance our scientific knowledge in the evaluation and treatment of individuals with severe speech and physical impairments (SSPI).  AAC is a set of tools and strategies that an individual uses to solve every day communicative challenges.

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310053), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PA-19-047.html)

Advancing Research in Augmentative and Alternative Communication (AAC) (R21 Clinical Trial Optional)

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

​Notice seeking applications on augmentative and alternative communication (AAC) to advance our scientific knowledge in the evaluation and treatment of individuals with complex communication needs (CCN) or with severe speech and physical impairments (SSPI).

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310035), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PA-19-046.html)

Building in vivo Preclinical Assays of Circuit Engagement for Application in Therapeutic Development (R01 Clinical Trial Not Allowed)

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

​Notice seeking applications to identify, in animals, in vivo neurophysiological and behavioral measures for use as assays in the early screening phase of treatment development. Mechanism supports efforts to optimize and evaluate measures of neurophysiological and behavioral processes that may serve as surrogate markers of neural processes of clinical interest based on available knowledge of the neurobiology of mental illnesses. The screening assays thus developed are expected to build upon systems neurobiology and clinical neuroscience to enhance the scientific value of preclinical animal data contributing to a therapeutic development pipeline by assessing the impact of therapeutic targets and treatment candidates on neurobiological mechanisms of clinical relevance to mental illnesses.

​Optional letters of intent are due January 4, 2019. Applications are due February 4, 2019.  Approximately $2 million is available to support five to seven awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310020), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-19-235.html)

Centers on the Demography and Economics of Aging (P30 Clinical Trial Optional)

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

​Notice seeking applications for research and development centers to study the areas of demography and economics of aging, including relevant interdisciplinary areas rooted in population-based social science research. Areas of focus that are especially encouraged are: socioeconomic status disparities at older ages, including geographic disparities; the reasons for poor U.S. performance in health and mortality in international comparisons; trends and dynamics in old-age disability; cohort trends in obesity and its sequelae; family demography including the demography of care and caregiving for chronic disease, disability and Alzheimer’s Disease and Alzheimer's-Related Dementias; and long-term supports and services for the disabled elderly population.

​Optional letters of intent are due May 3, 2019. Applications are due June 3, 2019. Approximately $6.98 million is available in FY20 to fund 9 to 12 awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310025), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-20-001.html)

Centers on the Demography and Economics of Alzheimer's Disease and Alzheimer's Related Dementias (P30 Clinical Trial Optional)

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

​Notice seeking applications for research and development centers in demography, economics and health services research relevant to Alzheimer's Disease and Alzheimer's Related Dementias. Areas of focus that are especially encouraged are: National and international population trends in cognitive aging and dementia; Demography of dementia care and caregiving; Economic burden of dementia; Impact of health care systems and long-term supports and services on outcomes for persons with dementia and their care providers; Impact of health care financing policies on outcomes for persons with dementia and their care providers; How regulatory and economic incentives affect access, quality and health outcomes in health and long-term care systems for persons with dementia; Disparities in quality and access to dementia care; Effects of population-level health delivery and care interventions on outcomes of persons with dementia; and National and international projections of dementia caseload, incidence and prevalence.

​Optional letters of intent are due May 3, 2019.  Applications are due June 3, 2019.  Approximately $1.744 million is available in FY20 to fund up to two awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310026), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-20-002.html)

Demography and Economics of Aging and AD-ADRD Coordinating Center (R24 Clinical Trial Not Allowed)

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

​Notice seeking applications for a coordinating center whose purpose is to act as a hub, serving the needs of both traditional Centers on the Demography and Economics of Aging and Centers on the Demography and Economics of Alzheimer's Disease and Alzheimer's Related Dementias, as well as the needs of NIA program staff. The goals of the overall program are to seed new lines of research in the demography and economics of aging; and on demography, relevant economics and health services research, and to grow the number of researchers engaged in these fields through a variety of research and infrastructure activities that are built around specific research themes.

​Optional letters of intent are due May 3, 2019. Applications are due June 3, 2019. Approximately $250,000 is available for FY20 to fund one award.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310024), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-AG-20-003.html)

End-of-Life and Palliative Care Approaches to Advanced Signs and Symptoms (R01 Clinical Trial Optional)

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

​Notice seeking applications to stimulate research to examine the multi-dimensional foundations, experiences and management of complex, advanced signs and symptoms at the end of life.

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310032), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PAR-19-045.html)

End-of-Life and Palliative Care Approaches to Advanced Signs and Symptoms (R21- Clinical Trial Optional)

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

​Notice seeking applications to stimulate research to examine the multi-dimensional foundations, experiences and management of complex, advanced signs and symptoms at the end of life.

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310033), [Solicitation](https://grants.nih.gov/grants/guide/pa-files/PAR-19-044.html)

Human Islet Research Network - Consortium on Targeting and Regeneration (HIRN-CTAR) (U01 Clinical Trial Not Allowed)

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 for the Consortium on Targeting and Regeneration (CTAR) that supports the development of innovative strategies to increase or protect functional human beta cell mass in patients with Type-1 Diabetes (T1D) through the controlled manipulation of beta cell replication, islet cell plasticity, and the reprogramming of pancreatic non-beta cells into beta-like cells, or through shielding the residual beta cell mass from the autoimmune environment.

​Optional letters of intent are due January 26, 2019.  Applications are due February 26, 2019.  Approximately $2.5 million is available to support three to five awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310058), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-DK-18-014.html)

Immuno-Oncology Translation Network (IOTN): Cancer Immunoprevention Research Projects (U01 Clinical Trial Not Allowed)

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

​Notice seeking applications to form an integrated network of multi-disciplinary, collaborative teams with the overarching goals of accelerating translational research of innate and adaptive immune mechanisms that contribute to tumor initiation and progression, and evaluating new or improved immunopreventive and immunotherapeutic strategies (including combinations with standard or other therapies).

​Optional letters of intent are due 30 days prior to the application due date.  Applications are due February 8, 2019.  Approximately $3.4 million is available to support two to four awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310038), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-19-014.html)

Immuno-Oncology Translation Network (IOTN): Cancer Immunoprevention Research Projects (UG3 and UH3)

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

​Notice seeking applications to foster collaborative team science approaches to accelerate the discovery of new immune targets and evaluate novel immune-based therapies and combination approaches that eliminate established cancers in adults or to prevent cancers before they occur.

​Optional letters of intent are due 30 days prior to the application due date.  Applications are due February 11, 2019.  Approximately $2 million is available to support two to three awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310037), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-19-012.html)

Immuno-Oncology Translation Network (IOTN): Cancer Immunotherapy Research Projects (U01 Clinical Trial Not Allowed)

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

​Notice seeking applications to expand organ site-specific Cancer Immunotherapy Research Projects as components of the Immuno-Oncology Translation Network (IOTN). The IOTN will form an integrated network of multi-disciplinary, collaborative teams with the overarching goals of accelerating translational research of innate and adaptive immune mechanisms that contribute to tumor progression, and evaluating new or improved immunotherapeutic strategies (including combinations with standard or other therapies) that result in durable anti-cancer responses.

​Optional letters of intent are due 30 days prior to the application due date.  Applications are due February 8, 2019.  Approximately $7 million is available to support eight to nine awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310039), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-19-015.html)

Immuno-Oncology Translation Network (IOTN): Immuno-engineering to Improve Immunotherapy (i3) Centers (U54 Clinical Trial Not Allowed)

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

​Notice seeking applications to develop Immuno-engineering to Improve Immunotherapy (i3) Centers, as new components of the Immuno-Oncology Translation Network (IOTN). The i3 Centers will be comprised of multi-disciplinary teams focused on developing and employing engineered immunotherapy approaches to design more durable, widely accessible, and less toxic immunoprevention and immunotherapy strategies.

​Requested letters of intent are due 30 days prior to the application due date.  Applications are due February 11, 2019.  Approximately $5.5 million is available to support four awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310055), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-CA-19-013.html)

Increasing Influenza and Tdap Vaccination of Pregnant Women in Obstetric and Gynecologic Practices in Large Health Systems through Quality Improvement Interventions

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

​Notice seeking applications to support a randomized controlled trial (RCT) to evaluate the effectiveness of adult immunization quality improvement interventions to increase influenza and Tdap vaccination coverage among pregnant women in OB/GYN practices within a health system operating in one or more state, local, or territorial public health jurisdictions.

​Optional letters of intent are due December 21, 2018.  Applications are due January 29, 2019. Approximately $3 million is available to support two awards.

Limited Submission:   
Only one application per institution is allowed.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=308009)

Lewy Body Dementia Center Without Walls (CWOW) (U54 Clinical Trial Not Allowed)

National Institutes of Health (NIH), Department of Health and Human Services (HHS) , National Institute of Neurological Disorders and Stroke (NINDS); National Institute on Aging (NIA)

​Notice seeking applications that will systematically and comprehensively characterize alpha-synuclein and amyloid-beta subspecies present in human Lewy Body Dementia (LBD) post-mortem brain tissue, identify toxic subspecies and potential mechanisms of toxicity, and characterize any interactions between the proteins that may contribute to increased toxicity and/or explain selective vulnerabilities of cells/circuits.

​Requested letters of intent are due 30 days prior to the application due date.  Applications are due January 4, 2019.  Approximately $3.5 million is available to support one to three awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310015), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-NS-19-013.html)

Promoting Research on Music and Health: Fundamentals and Applications (R01, R21 Clinical Trials Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Endowment for the Arts (NEA), Office of Behavioral and Social Sciences Research (OBSSR)

Notice seeking applications to promote research to both understand the mechanisms by which music is uniquely processed in the brain and optimize music medicine to enrich our lives and treat illness. Both R01 and R21 funding mechanisms are available.

​Optional letters of intent are due January 15, 2019. Applications are due February 28, 2019. Number of awards and award ceilings vary by mechanism.

LINKS:   
[Grants.gov (R01)](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310022), [Grants.gov (R21)](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310021)

Promoting Research on Music and Health: Phased Innovation Award for Music Interventions (R61 R33 Clinical Trial Optional)

National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Endowment for the Arts (NEA), Office of Behavioral and Social Sciences Research (OBSSR)

​Notice seeking applications that promote innovative research on music and health with an emphasis on developing music interventions aimed at understanding their mechanisms of action and clinical applications with little or no preliminary data. Because of the need for a multidisciplinary approach, collaborations among basic researchers, translational science researchers, music intervention experts, other clinical researchers, music health professionals, and technology development researchers are encouraged.

​Optional letters of intent are due January 15, 2019. Applications are due February 28, 2019.  Approximately $5 million is available to support 9 to 12 awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310023), [Solicitation](https://grants.nih.gov/grants/guide/rfa-files/RFA-AT-19-001.html)

Surveillance for Respiratory Syncytial Virus (RSV) and Other Viral Respiratory Infections among Native Americans and Alaska Natives

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

​Notice seeking applications to support research activities to assess and establish the burden of RSV infections among Native Americans/Alaska Natives ahead of the introduction of vaccines and antibody products that are under development.

​Letters of intent are due December 15, 2018.  Applications are due February 1, 2019.  Approximately $5 million is available to support one award.

Limited Submission:   
Only one application per institution is allowed

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=308248)

Understanding and Improving Immunization Services among Adult Hospital Inpatient and Observation Clinical Decision Unit Settings

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS)

​Notice seeking research applications to obtain a better understanding of existing vaccination practices and coverage for adult hospital inpatients and patients admitted to 24-hour observation or clinical decision units; and implement and evaluate intervention(s) to improve the approach to delivering vaccination services and coverage among adult hospital inpatients and patients in 24-hour observation units or clinical decision units, as part of CDC’s Standards for Adult Immunization Practices for all Advisory Committee of Immunization Practices-recommended adult immunizations.

​Optional letters of intent are due December 15, 2018. Applications are due February 1, 2019. Approximately $3 million over three years is available to fund up to two awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=307643)

Circulatory System Devices Panel of the Medical Devices Advisory Committee

Food and Drug Administration (FDA), Department of Health and Human Services (HHS)

​Notice announcing a meeting of the Circulatory System Devices Panel of the Medical Devices Advisory Committee.  The general function of the committee is to provide advice and recommendations to the Agency on FDA's regulatory issues.

​The meeting will be held on December 4 and 5, 2018, from 8 a.m. to 6 p.m. at the Hilton Washington DC North/Gaithersburg, Salons A, B, C, and D, 620 Perry Pkwy., Gaithersburg, MD 20877. The hotel telephone number is 301-977-8900.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/29/2018-23577/circulatory-system-devices-panel-of-the-medical-devices-advisory-committee-notice-of-meeting)

Meeting of the National Advisory Council on Nurse Education and Practice

Health Resources and Services Administration (HRSA), Department of Health and Human Services (HHS)

​Notice announcing a webinar and teleconference of the National Advisory Council on Nurse Education and Practice to discuss areas where nursing can take the lead in the transition of the health care system to value-based care through improvements to nurse education and practice, to advance the development of its 15th Report.

​The online meeting will be held on November 19, 2018 from 8:30 a.m. to 4:15 p.m. ET.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/30/2018-23685/meeting-of-the-national-advisory-council-on-nurse-education-and-practice), [Agency Site](https://www.hrsa.gov/advisory-committees/nursing/index.html)

**SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS**

Bio Reporters for Subterranean Surveillance

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

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

​Optional abstracts are due November 14, 2018, 4:00 PM ET. Full Proposals are due December 17, 2018, 4:00 PM ET. Multiple awards are anticipated.

LINKS:   
[FBO](https://www.fbo.gov/?s=opportunity&mode=form&id=eaf67fe4392c17996855cf0fbcd73618&tab=core&_cview=0)

Designing Materials to Revolutionize and Engineer our Future

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

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310075), [Solicitation](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505073)

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

Navy (Navy), Department of Defense (Defense)

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310093), [Solicitation](https://www.onr.navy.mil/Education-Outreach/HBCU-MI-Historically-Black-Colleges)

Harnessing the Data Revolution (HDR): Data Science Corps

National Science Foundation (NSF)

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

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

Limited Submission:   
Only one proposal is permitted per organization.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310076), [Solicitation](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505536)

Law & Social Sciences

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310072), [Solicitation](https://www.nsf.gov/pubs/2019/nsf19519/nsf19519.htm)

Materials Research Science and Engineering Centers

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

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

​Required preliminary proposals are due June 24, 2019. Approximately $31.5 million is available to support 8 to 10 awards.

Limited Submission:   
Only one MRSEC preliminary proposal may be submitted by any one organization as the lead institution in this competition. An individual may be the Principal Investigator (PI) or co-PI for only one preliminary proposal.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310077), [Solicitation](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5295)

Methodology, Measurement, and Statistics

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310098), [Solicitation](https://www.nsf.gov/pubs/2019/nsf19520/nsf19520.htm)

Regional Ocean Acidification Observing Optimization Study (OOS-OA19)

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

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

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310065)

ROSES 2018: Second Space Weather Operations-to-Research

National Aeronautics and Space Administration (NASA)

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

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

LINKS:  
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310113), [Solicitation](https://nspires.nasaprs.com/external/solicitations/summary!init.do?solId=%7bE2CB9318-72CB-C51A-6962-013E762AE713%7d&path=open), [Solicitation](https://nspires.nasaprs.com/external/viewrepositorydocument/cmdocumentid=604139/solicitationId=%7BE2CB9318-72CB-C51A-6962-013E762AE713%7D/viewSolicitationDocument=1/Table%203%202018%20temporary.html)

Support of the National Estuary Program Coastal Watershed Grants

Environmental Protection Agency (EPA), Office of Water, Office of Wetlands, Oceans, and Watersheds

​Notice supporting applications for efforts to administer a national competitive subaward grant to support projects that address urgent and challenging issues that threaten the ecological and economic well-being of coastal and estuarine areas. The competitive subaward process proposed by the applicant must be on a national scale and recipients must address urgent and challenging environmental issues that threaten the ecological and economic well-being of coastal and estuarine areas. A 25% match is required.

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

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310088)

Advisory Committee for Biological Sciences; Notice of Meeting

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

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

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

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/01/2018-23858/advisory-committee-for-biological-sciences-notice-of-meeting)

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

Environmental Protection Agency (EPA)

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

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

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/02/2018-24035/fifra-scientific-advisory-panel-notice-of-public-virtual-meeting-request-for-comments-on-prospective)

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

National Science Foundation (NSF)

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

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

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/11/01/2018-23882/proposal-review-panel-for-computing-and-communication-foundations-notice-of-meeting)

RFI for Securing the Sensitive Compartmented Information Facilities of the Future

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

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

​Responses are due December 31, 2018.

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

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

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

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

​Responses are due by November 30, 2018.

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

THEIA Planar Optics Demonstration - Request for Information

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Tactical Technology Office (TTO)

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

​Responses are due November 19, 2018.

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

Ceramics

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

​Notice seeking proposals for fundamental scientific research in ceramics, glass-ceramics, inorganic glasses, ceramic-based composites and inorganic carbon-based materials. Projects should be centered on experiments; inclusion of computational and theory components are encouraged. The objective of the program is to increase fundamental understanding and to develop predictive capabilities for relating synthesis, processing, and microstructure of these materials to their properties and ultimate performance in various environments and applications.

​Proposals are accepted at any time. Approximately $10 million is available to fund up to 25 awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310004), [Solicitation](https://www.nsf.gov/pubs/2019/nsf19515/nsf19515.htm)

Photonics in the Package for Extreme Scalability (PIPES)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Microsystems Technology Office (MTO)

​Notice seeking proposals to develop optical technologies for data movement in digital microelectronics to allow disruptive system scaling through parallelism. Proposed research should investigate approaches that enable revolutionary advances in science, devices, or systems.

​Abstracts are due November 20, 2018.  Proposals are due January 17, 2019.  Approximately $65 million is available to support multiple awards.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310031), [FBO](https://www.fbo.gov/index?s=opportunity&mode=form&id=9493e4e64b87072050593af7d0237683&tab=core&_cview=1)

Strengthening Teamwork for Robust Operations in Novel Groups (STRONG)

Army (Army), Department of Defense (Defense)

​Notice seeking proposals to join a collaborative program with the goal of developing the foundation for enhanced teamwork within heterogeneous human-intelligent agent teams. This collaborative venture will bring together diverse, multidisciplinary expertise to support scientific breakthroughs relevant to artificial intelligence and machine learning.

Proposals are due December 21, 2018. Approximately 10 to 15 phase I awards are available each year, with a per-award range of $50,000 to $100,000.

LINKS:   
[Grants.gov](https://www.grants.gov/web/grants/view-opportunity.html?oppId=310010), [FBO](https://www.fbo.gov/notices/251e2092c7f25d18696fa7b9b43fd73c)

Hydrogen and Fuel Cell Technical Advisory Committee (HTAC)

Department of Energy (Energy)

​Notice announcing a meeting of the Hydrogen and Fuel Cell Technical Advisory Committee with the following agenda: HTAC Business (including public comment period); DOE Leadership Updates; Program and Budget Updates; Updates from Federal/State Governments and Industry; HTAC Subcommittee Updates; and an Open Discussion Period.

​The meeting will be held December 12, 2018 from 8:30 a.m. to 5:15 p.m. and December 13 from 8:30 a.m. to 12:00 p.m. ET at the National Renewable Energy Laboratory, 901 D Street SW, Suite 930, Washington, DC.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/31/2018-23811/hydrogen-and-fuel-cell-technical-advisory-committee-htac), [Agency Site](https://www.hydrogen.energy.gov/advisory_htac.html)

NASA Advisory Council; Regulatory and Policy Committee; Meeting

National Aeronautics and Space Administration (NASA)

​Notice announcing a meeting of the Regulatory and Policy Committee of the NASA Advisory Council to discuss the following agenda: Export Control Issues; Intellectual Property Waivers; Stimulating Commercial Activities on the International Space Station; Leveraging Excess Commercial Crew Seats to Support Private Sector Habitats and Free-Flying Commercial Space Station Development and Utilization; Use of the NASA Logo; and Branding and Endorsements Review.

​The meeting will be held November 16, 2018 from 2:00 p.m. to 5:00 p.m. ET at NASA Headquarters, Program Review Center, Room 9H40, 300 E Street SW, Washington, DC.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/31/2018-23724/nasa-advisory-council-regulatory-and-policy-committee-meeting)

National Space Council Users' Advisory Group; Meeting

National Aeronautics and Space Administration (NASA)

​Notice announcing a meeting of the National Space Council Users' Advisory Group (UAG). This will be the second meeting of the UAG.

​The meeting will be held Thursday, November 15, 2018, from 9:00 a.m.-4:00 p.m., ET. At the NASA Headquarters, Executive Conference Center, Room 8Q40B, 300 E Street SW, Washington, DC.

LINKS:   
[Federal Register](https://www.federalregister.gov/documents/2018/10/29/2018-23492/national-space-council-users-advisory-group-meeting)