

ARTS, HUMANITIES AND INTERNATIONAL

2019 YSEALI Regional Workshop: Partnership in Health – Community-based Prevention for Non-communicable Diseases and Mental Health

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

Notice seeking applications to carry out a workshop on public health titled “Partnership in Public Health – Community-based Prevention for Non-communicable Diseases and Mental Health” for members of the Young Southeast Asian Leaders Initiative (YSEALI).

Applications are due September 1, 2018. Approximately \$250,000 is available for one award to support a project lasting up to one year. Cost sharing may be considered in the merit review to break ties among applications with equivalent scores after evaluation against all other factors.

LINKS:

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

Buenos Aires Provincial Youth Leaders Program

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

Notice seeking applications to support efforts to create an intensive, substantive three-week exchange in the United States focused on entrepreneurship, design-thinking, and cross-cultural exchange to help high school youth and adult educators solve economic issues facing their communities. Exchange activities will also introduce youths to a comprehensive survey of civic education, community service, and youth leadership development, as well as subthemes such as social inclusion, entrepreneurship, innovation and design thinking, particularly as it relates to job creation and skills training. Significant cost sharing is expected.

Applications are due September 1, 2018. Approximately \$80,000 is available to support one award.

LINKS:

[Grants.gov](#)

Humanities Open Book Program

National Endowment for the Humanities (NEH), Office of Digital Humanities (ODH)

Notice seeking applications designed to make outstanding out-of-print humanities books available to a wide audience. By taking advantage of low-cost “ebook” technology, the program will allow teachers, students, scholars, and the public to read humanities books that have long been out of print.

Applications are due September 26, 2018.

LINKS:

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

Initiative for TB/HIV Program Collaboration and Service Integration in the Central America Region under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications to support Ministries of Health in integration of services as well as in the development, review, and dissemination of Tuberculosis and HIV national guidelines and law initiatives.

Applications are due October 2, 2018. Approximately \$1.5 million is available for one award to support a project lasting up to five years.

LINKS:

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

Mapping and Analysis of Illegally Harvested Timber and Forest Products in Global Trade
Department of State (State), Bureau of Oceans - Int. Environmental - Scientific (OIES)

Notice seeking applications to support efforts to work with developing countries and partners to gather data and build capacity to identify, analyze, and map illegal timber and forest products trade in key regions for forest production and trade. The results aim to influence policy makers in these regions, and will inform ongoing U.S. programs and the design and implementation of future interventions to assist developing countries in combating illegal logging and associated trade (ILAT). Funds support efforts to generate data analysis of global ILAT, including species of concern, drivers of the trade, trade routes and other relevant intelligence at the global, regional, national and subnational levels.

Applications are due August 21, 2018. Approximately \$492,500 is available to support one award.

LINKS:

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

NEA Research: Art Works, FY2019
National Endowment for the Arts (NEA)

Notice seeking applications to support research that investigates the value and/or impact of the arts, either as individual components of the U.S. arts ecology or as they interact with each other and/or with other domains of American life. Art Works offers support for projects in two tracks: 1) Value and Impact and 2) Experimental and Quasi-Experimental Designs.

Applications are due October 9, 2018. Approximately \$30,000 is available for up to 10 awards to support projects lasting two years (Track 1) and up to \$100,000 is available for up to 5 awards to support projects lasting two years (Track 2). Projects that include primary data collection may request up to three years.

LINKS:

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

Youth Leadership and Teacher Professional Development Program with Bosnia and Herzegovina - Local Partner
Department of State (State), U.S. Mission to Bosnia and Herzegovina

Notice seeking applications to support efforts from organizations registered in Bosnia and Herzegovina to implement the Youth Leadership and Teacher Professional Development Program. This program supports the participation of high school youth and adult educators in an intensive, substantive three- to four-week exchange in the United States in the fall 2019. The exchange delegation of 21 participants will include 18 students and three teachers from select cities in Bosnia and Herzegovina.

Applications are due August 31, 2018. Approximately \$40,000 to \$130,000 per award is available to support one to three awards.

LINKS:

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

Youth Leadership and Teacher Professional Development Program with Bosnia and Herzegovina - US Partner

Department of State (State), U.S. Mission to Bosnia and Herzegovina

Notice seeking applications supporting the participation of high school youth and adult educators in an intensive, substantive three- to four-week exchange in the United States in the fall 2019. The exchange activities will introduce the participants to a comprehensive survey of civic education, community service, and youth leadership development.

Applications are due August 31, 2018. Awards may range from \$40,000 to \$120,000.

LINKS:

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

Alumni small grants

Department of State (State), U.S. Embassy Hanoi

Notice seeking applications to strengthen the U.S. Mission to Vietnam invites Vietnamese alumni of U.S. Government-funded Alumni community in Vietnam by creating opportunities for alumni to work together on a shared vision of a brighter future for Vietnam and U.S.-Vietnam relations by addressing shared concerns.

Applications are due August 15, 2018. Approximately \$50,000 is available for up to five awards. Eligible teams must include at least three alumni members who have participated in one of the following U.S. Government-sponsored programs, including (but not limited to): Fulbright Program, Vietnam Education Foundation, Hubert Humphrey Fellowship Program, International Visitor Leadership Program, International Visitor Program on Demand, Programs under the United States Agency for International Development, Global Undergraduate Exchange Program, etc.

LINKS:

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

Young Southeast Asian Leaders Initiative Regional Workshop: Empowering Southeast Asian Educators
Department of State (State), U.S. Mission to Malaysia

Notice seeking applications to support efforts to create a regional workshop in Malaysia focused on empowering educators in Southeast Asia and equipping them with the expertise and resources to prepare their students for a highly technologically-advanced future. The workshop will examine ways to design a more personalized learning environment for students so they are prepared to navigate advancements that connect the world in ways that were previously unimaginable. The workshop would also provide a networking platform for passionate educators around the region to collaborate and promote ongoing discourse on education issues that go well beyond the five-day program (two travel days and three full workshop days). The workshop will include group activities, site visits, community service and mentoring sessions inspired by American methods and skills support.

Applications are due August 27, 2018. Approximately \$250,000 is available to support one award.

LINKS:

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

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

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

Notice supporting applications for research studies aimed at increasing our understanding of the resources present on BLM lands and the effectiveness of BLM's resource management decisions. The program seeks to develop and maintain strong partnerships with State, local, and private stakeholders in shared conservation stewardship by engaging partners in conducting management-focused research on the National Conservation Lands.

Applications are due October 15, 2018 at 2:30 p.m. local time. Approximately \$300,000 is available to support up to 15 awards.

LINKS:

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

Forest Service - Landscape Scale Restoration
United States Department of Agriculture (USDA), Forest Service

Notice supporting applications for efforts for forest fire hazard mitigation and for landscape scale forest health management-related activities that may include treatments or intervention actions to respond to native or invasive pests. Applicants must submit proposals to the State Forester in the jurisdiction the project will take place in. A 50 percent match is required.

Draft to State Foresters must be submitted by September 14, 2018. Approximately \$3.8 million is available to support up to 15 awards.

Limited Submission:

States may collaborate or independently submit no more than five proposals (single, multistate, or multiregional)

LINKS:

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

National Land Remote Sensing Education Outreach and Research Activity (NLRSEORA)
(USGS), Department of the Interior (Interior)

Notice seeking applications to develop a U.S. national consortium to expand the science of remote sensing through education, outreach and research / applications development for environmental monitoring to include the effects of land use and land cover change on water quality, quantity and utility; societal adaptation and phenology; public health-related issues to include identification of potential indicators relating to vector-borne diseases and harmful algal blooms; natural resource management, agricultural applications, disaster risk reduction, and other land surface and surface water monitoring applications.

Applications are due October 31, 2018. Approximately \$6.25 million is available to support one awards over five years.

LINKS:

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

Susan Harwood Training Grants

Department of Labor (Labor), Occupational Safety and Health Administration (OSHA)

Notice seeking applications to develop and conduct training and education programs for small business employers and workers on the recognition, avoidance, and prevention of occupational safety and health hazards in their workplaces, and to inform workers of their rights and employers of their responsibilities under the OSH Act.

Applications are due September 2, 2018. Approximately \$10.5 million is available for 100 awards. Three separate funding opportunity announcements are available for Targeted Topic Training grants, Training and Educational Materials grants, and Capacity Building grants.

LINKS:

[Grants.gov](https://www.grants.gov), [Federal Register](https://www.federalregister.gov)

Water Conservation Field Services Program

Department of the Interior (Interior), Bureau of Reclamation (BOR)

Notice seeking applications to conduct water conservation planning with Reclamation to make more efficient use of existing water supplies located in the geographic area covered by the Pacific Northwest Region.

Applications are due December 31, 2018. Approximately \$250,000 is available for ten awards to support projects lasting up to two years. Cost sharing requirement of 50 percent or more of total project costs.

LINKS:

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

Native American Graves Protection and Repatriation Review Committee Notice of Public Meeting

Department of the Interior (Interior), National Park Service (NPS)

Notice announcing a meeting of the Native American Graves Protection and Repatriation Review Committee to discuss the Review Committee Report to Congress; subcommittee reports and discussion; and other topics related to the Review Committee's responsibilities under section 8 of NAGPRA.

The meeting will be held October 17-19, 2018 from 8:30 a.m. until approximately 5:00 p.m. ET at the Yates Auditorium, Department of the Interior, 1849 C Street NW, Washington, DC.

LINKS:

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

Advisory Council on Employee Welfare and Pension Benefit Plans; Nominations for Vacancies

Department of Labor (Labor), Employee Benefits Security Administration

Notice requesting members of the general public (one of whom shall be a person representing those receiving benefits from a pension plan), to join the Advisory Council on Employee Welfare and Pension Benefit Plans.

Nominations are due September 17, 2018.

LINKS:

[Federal Register](#)

BLM-CO Arkansas Headwaters Recreation Area Shared Conservation Project, Royal Gorge Field Office
Department of the Interior (Interior)

Notice seeking applications to enhance visitors' experiences and provide quality recreation opportunities along the Arkansas River to include developing and managing an outreach, education, and stewardship program.

Applications are due August 29, 2018. Approximately \$50,000 is available for one award to support a project lasting up to three years.

LINKS:

[Grants.gov](#)

Wildland Urban Interface Community Fire Assistance
Department of the Interior (Interior), Bureau of Land Management (BLM)

Notice supporting applications for community programs that develop local capability including; assessment and planning, mitigation activities, community/homeowner education and action plans and implement hazardous fuels reduction activities, including the training, monitoring or maintenance associated with such hazardous fuels reduction activities, on federal land, or on adjacent nonfederal land for activities that mitigate the threat of catastrophic fire to communities and natural resources in high risk areas; and enhance local and small business employment opportunities.

Applications are due August 26, 2018. Approximately \$400,000 is available to support one award.

LINKS:

[Grants.gov](#)

Request for Nominations of Members To Serve on the National Advisory Committee on Racial, Ethnic, and Other Populations; Extension of Nominations Submission Period

Census Bureau (CB)

Notice announcing an extension on the nominations submission period for the Request for Nominations of Members to Serve on the National Advisory Committee on Racial, Ethnic, and Other Populations.

Nominations are due September 4, 2018. Submit nomination to: census.national.advisory.committee@census.gov (subject line "2018 NAC Nominations") or by letter submission to Tara Dunlop Jackson, Committee Liaison Officer, 2018 NAC Nominations,

Department of Commerce, U.S. Census Bureau, Room 8H177, 4600 Silver Hill Road, Washington, DC 20233.

LINKS:

[Federal Register](#)

HEALTH and MENTAL HEALTH

Alzheimer Centers for Discovery of New Medicines (U54 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 the development of multi-component Alzheimer Centers for the Discovery of New Medicines, which will improve, diversify and reinvigorate the Alzheimer's disease (AD) drug development pipeline by accelerating the characterization and experimental validation of next generation therapeutic targets and integrating the targets into drug discovery campaigns. In addition, this program aims to de-risk potential therapeutics to the point that industry will invest in them, accelerating the delivery of new drugs to AD patients. Program goals include: design, develop and disseminate tools that support target enabling packages for the experimental validation of novel, next generation therapeutic targets, and initiate early stage drug discovery campaigns against the enabled targets.

Applications are due February 1, 2019. Approximately \$15 million is available to support one to two awards.

LINKS:

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

BRAIN Initiative: Development of Novel Tools to Probe Cell-Specific and Circuit-Specific Processes in Human and Non-Human Primate Brain (UG3/UH3 Clinical Trial Optional)

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

Notice seeking applications to develop and validate novel tools to facilitate the detailed analysis and manipulation of complex circuits and provide insights into cellular interactions that underlie brain function with a pressing need to develop tools for use in large brains, more directly relevant to the human brain.

Optional letters of intent are due 30 days prior to the application date. Annual applications are due October 9, 2018; September 26, 2019 and September 28, 2020. Approximately \$10 million is available for up to nine awards to support projects lasting up to five years.

LINKS:

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

Discovery of Biomarkers, Biomarker Signatures, and Endpoints for Pain (R61/R33 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support efforts to promote the discovery of strong candidate biomarkers and endpoints for pain that can be used to facilitate the development of non-opioid pain therapeutics from discovery through Phase II clinical trials, specifically the identification and initial biological, analytical and clinical validation of pain biomarkers, biomarker signatures, and/or endpoints. The goal of this initiative is to deliver candidate biomarkers, biomarker signatures, and/or endpoints that are ready for advanced clinical and analytical validation research.

Optional letters of intent are due 30 days before the chosen due date. Applications are due November 27, 2018; March 7, 2019; November 25, 2019; March 12, 2020. Approximately eight to ten awards are expected.

LINKS:

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

Enhance Population Access to Comprehensive HIV/AIDS Services in Order to Achieve HIV/AIDS Epidemic Control in the Democratic Republic of Congo (DRC), Specifically in Kinshasa under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications to provide direct support and technical assistance to accelerate the HIV service delivery cascade and improve data quality and utilization for decision-making in collaboration with the Ministry of Health and local health zone teams.

Applications are due October 2, 2018. Approximately \$3 million is available for one project lasting up to five years.

LINKS:

[Grants.gov](#)

Enhancing Public Health Surveillance of Autism Spectrum Disorder through the Autism and Developmental Disabilities Monitoring (ADDM) Network

Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), National Center on Birth Defects and Developmental Disabilities (NCBDDD)

Notice seeking applications to develop and enhance the capacity of programs to implement a population-based, multiple-source surveillance program for autism spectrum disorder (ASD) in order to provide estimates of the prevalence and characteristics of children with ASD, track prevalence and characteristics over time, monitor disparities by race/ethnicity and socioeconomic status, suggest areas for future research, and provide data to inform planning for resource and service needs and guide public health programs to promote ASD identification as early as possible.

Requested letters of intent are due August 17, 2018. Applications are due October 1, 2018. Approximately \$20.4 million is available to support 10 awards.

LINKS:

[Grants.gov](#)

Innovations for Healthy Living - Improving Minority Health and Eliminating Health Disparities (R43/R44 - Clinical Trial Optional)

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

Notice seeking applications that propose to develop a product, process or service for commercialization with the aim of improving minority health and/or reducing health disparities in one or more NIH-defined health disparity population groups. Appropriate technologies should be effective, affordable, and culturally acceptable.

Optional letters of intent are due September 1, 2018. Applications are due October 1, 2018. Approximately \$1 million is available to support three to four awards.

LINKS:

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

Limited Competition: Additional Sequencing for the Alzheimer's Disease Sequencing Project: Opportunity for Revision Requests for Active Cooperative Agreements (U01 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 sample acquisition, genome wide association studies, whole genome sequencing, quality control checking, variant calling, and data calling that will support the generation of data for the Alzheimer's Disease Sequencing Project Follow-Up Study.

Letters of intent are due September 5, 2018. Applications are due annually on February 5, June 5 and October 5 through September 8, 2021. Application budgets are not limited but need to reflect the actual needs of the proposed project lasting up to five years.

LINKS:

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

Management of Asthma in Primary Care - Bioinformatics Center (U24 - Clinical Trial Required - Infrastructure)

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

Notice seeking applications to support a bioinformatics group (BIG) that will analyze a set of asthma-specific common data elements retrospectively collected from the electronic health record data of patients in the US whose asthma is managed by a primary care provider (PCP). Based on a large, nationally representative data set, the BIG will identify the current management practices (CMPs) of PCPs that result in the best asthma outcomes for specific groups of patients in different clinical settings or situations. The CMPs will be established by the BIG in collaboration with a clinical consultant team (CCT) with expertise in asthma and a primary care network (PCN), experienced in managing the primary care of patients. Following the BIG's analysis of retrospective data, the CCT and PCN will design and then conduct prospective clinical trials to compare the retrospectively identified CMPs in appropriate patients with asthma. At the conclusion of the clinical trials, the BIG will perform the data analysis for the assessment of the CMPs, refining any of the processes needed to analyze the asthma data.

Optional letters of intent are due 30 days before the due date. Applications are due October 31, 2018. Approximately \$6.4 million over five years is available to support one award.

LINKS:

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

Management of Asthma in Primary Care - Clinical Center (UG3/UH3 - Clinical Trial Required)

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

Notice supporting applications for efforts to retrospectively identify and then prospectively compare the best practices being used by primary care providers in the United States to manage asthma. The program will

consist of three functional units, including a Primary Care Network, a Data Management Team, and a Clinical Consultant Team. In the first phase of the program, these units will collaborate to collect data from existing electronic health records (EHRs) using common data elements to capture the characteristics of patients with asthma managed in primary care, their care providers and practice settings, the current management practices (CMPs) or treatment plans used, and the patient outcomes. Then prospective clinical trials comparing the CMPs that appear most effective in specific patient groups based on the retrospective EHR analysis will be ready to begin. Subsequently, the three units will conduct clinical trials to assess those CMPs that were determined to be most effective in specific populations of patients with asthma who are managed in primary care.

Optional letters of intent are due 30 days before the due date. Applications are due October 31, 2018. Approximately \$14 million over five years is available to support one award.

LINKS:

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

NCI Research Specialist (Core-based Scientist) Award (R50 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice supporting applications for efforts to encourage the development of stable research career opportunities for exceptional core/shared resource/central scientific support scientists who want to continue to pursue research within the context of an existing NCI-funded basic, translational, clinical, or population science cancer research program, but not serve as independent investigators. Funds are intended to provide salary support and sufficient autonomy so that individuals are not solely dependent on NCI grants held by others for career continuity.

Optional letters of intent are due December 12, 2018. Applications are due January 11, 2019. Multiple awards are anticipated.

LINKS:

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

NCI Research Specialist (Laboratory-based Scientist) Award (R50 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to support the development of stable research career opportunities for exceptional laboratory-based scientists who want to continue to pursue research within the context of an existing NCI-funded basic, translational, clinical or population science cancer research program, but not serve as independent investigators. Funds are intended to provide salary support and sufficient autonomy so that individuals are not solely dependent on NCI grants held by others for career continuity.

Optional letters of intent are due December 12, 2018. Applications are due January 11, 2019. Multiple awards are anticipated.

LINKS:

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

New Paradigms in Tissue Communication-from mediators to metabolic function (RC2 Clinical Trials Optional)

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

Notice supporting applications for efforts to generate scientific advancements that are focused on identifying new signals and regulatory networks that mediate metabolic cross talks within and between organs that play a role in the development of diabetes and obesity. The interdisciplinary approaches proposed should be designed to foster novel synergies that will accelerate conceptual and technical breakthroughs in science related to metabolic tissue communication

Optional letters of intent are due six weeks before the chosen due date. Applications are due November 1, 2018; May 30, 2019; October 31, 2019; June 2, 2020; November 3, 2020; June 1, 2021. Multiple awards are anticipated.

LINKS:

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

Novel Approaches to Safe, Non-Invasive, Real Time Assessment of Human Placenta Development and Function Across Pregnancy (R01 - Clinical Trial Not Allowed)

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

Notice seeking applications that use novel approaches for the development of safe, real-time, non-invasive (or minimally invasive), in vivo methods to assess the development and function of the human placenta across pregnancy.

Applications are due December 4, 2018, December 4, 2019, and December 4, 2020.

LINKS:

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

Novel Approaches to Safe, Non-Invasive, Real Time Assessment of Human Placenta Development and Function Across Pregnancy (R21 - Clinical Trial Not Allowed)

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

Notice seeking applications that use novel approaches for the development of safe, real-time, non-invasive (or minimally invasive), in vivo methods to assess the development and function of the human placenta across pregnancy.

Applications are due December 4, 2018, December 4, 2019, and December 4, 2020.

LINKS:

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

Regenerative Medicine Innovation Projects (RMIP) (U44 - Clinical Trial Not Allowed)

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

Notice seeking applications to support small business research studies aimed at furthering the field of regenerative medicine (RM) using adult stem cells. These applications are expected to focus on innovative projects that propose solutions to widely recognized issues in the development of safe and effective RM therapies.

Optional letters of intent are due September 19, 2018. Applications are due October 19, 2018. Approximately \$28 million is available to support up to 15 awards.

LINKS:

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

Regenerative Medicine Innovation Projects (RMIP) (UT2 - Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support small business research studies aimed at furthering the field of regenerative medicine (RM) using adult stem cells. These applications are expected to focus on innovative projects that propose solutions to widely recognized issues in the development of safe and effective RM therapies. Emphasis will be given to projects that address critical issues in product development relevant for regulatory submissions.

Optional letters of intent are due September 19, 2018. Applications are due October 19, 2018. Approximately \$28 million is available to support up to 15 awards.

LINKS:

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

Regenerative Medicine Innovation Projects (RMIP) Investigator-Initiated Clinical Trials (UG3/UH3 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for highly meritorious clinical trial applications proposing to explore and enable the development of safe and effective regenerative medicine (RM) interventions using adult stem cells.

Optional letters of intent are due September 19, 2018. Applications are due October 19, 2018. Approximately \$28 million is available to support 15 awards.

LINKS:

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

Regenerative Medicine Innovation Projects (RMIP) Investigator-Initiated Studies (Collaborative U01 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications to support investigator-initiated clinical research studies aimed at furthering the field of regenerative medicine (RM) using adult stem cells. These applications are expected to focus on innovative projects that propose solutions to widely recognized issues in the development of safe and effective RM therapies.

Optional letters of intent are due September 19, 2018. Applications are due October 19, 2018. Approximately \$28 million is available to support up to 15 awards.

LINKS:

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

Technologies for Improving Minority Health and Eliminating Health Disparities (R41/R42- Clinical Trial Optional)

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

Notice seeking Small Business Technology Transfer (STTR) applications that propose to develop a product, process or service for commercialization with the aim of improving minority health and/or reducing health disparities in one or more NIH-defined health disparity population groups. Appropriate technologies should be effective, affordable, and culturally acceptable.

Optional letters of intent are due September 1, 2018. Applications are due October 1, 2018. Approximately \$1 million is available to support three to four awards.

LINKS:

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

Advancing the Development of Pediatric Therapeutics 5: Advancing Pediatric Pharmacovigilance; Public Workshop

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

Notice announcing a public workshop entitled “Advancing the Development of Pediatric Therapeutics 5: Advancing Pediatric Pharmacovigilance.” The purpose of this 1-day workshop is to provide a forum to gather information on the latest developments in pediatric pharmacovigilance from the perspective of various stakeholders and to expand the conversation to include the utility and challenges of emerging pharmacovigilance tools, including specific challenges associated with pediatric data tools.

The public workshop will be held Friday, September 14, 2018, from 8 a.m. to 5 p.m. ET at FDA White Oak Campus, 10903 New Hampshire Ave. Bldg. 31 Conference Center, the Great Room (Rm. 1503A), Silver Spring, MD

LINKS:

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

Advisory Committee on Interdisciplinary, Community-Based Linkages

Department of Health and Human Services (HHS)

Notice announcing a webinar of the Advisory Committee on Interdisciplinary, Community-Based Linkages to discuss recommendations to the Secretary of the Department of Health and Human Services concerning policy and program development, and other significant matters related to activities under Part D, Title VII of the PHS Act, as amended by the Affordable Care Act.

The webinar will be held August 16, 2018 from 8:00 a.m. to 2:00 p.m. ET. Click on the webinar link: <https://hrsa.connectsolutions.com/acicbl>

LINKS:

[Federal Register](#)

National Cancer Institute; Notice of Meeting

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

Notice announcing a meeting of the National Cancer Advisory Board to discuss Director's and Program reports and presentations; business of the Board. Webinar access is available.

The meeting will be held August 14, 2018 from 1:00 p.m. to 2:45 p.m. ET at the National Cancer Institute—Shady Grove, 9609 Medical Center Drive, Room TE406, Rockville, MD.

LINKS:

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

National Institute on Deafness and Other Communication Disorders; Notice of Meeting

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

Notice announcing a meeting of the National Deafness and Other Communication Disorders Advisory Council to discuss staff reports on divisional, programmatically, and special activities.

The meeting will be held September 7, 2018 from 11:05 a.m. to 1:45p.m. ET at the National Institutes of Health Porter Neuroscience Research Center, Room 620/630, Building 35A Convent Drive, Bethesda, MD.

LINKS:

[Federal Register](#)

Notice of Muscular Dystrophy Coordinating Committee.

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

Notice announcing a meeting of the Muscular Dystrophy Coordinating Committee to bring together committee members, representing government agencies, patient advocacy groups, other voluntary health organizations, and patients and their families to update one another on progress relevant to the Action Plan for the Muscular Dystrophies and to coordinate activities and discuss gaps and opportunities leading to better understanding of the muscular dystrophies, advances in treatments, and improvements in patients' and their families' lives. Webinar and teleconference access is available.

The meeting will be held on September 17, 2018 from 2:00 p.m. to 5:00 p.m. ET at National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Rockville, MD.

LINKS:

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

DoD Vision, Focused Translational Team Science Award

Army (Army), Department of Defense (Defense), Congressionally Directed Medical Research Programs (CDMRP)

Notice supporting applications for a highly collaborative and translational team initiative that will fundamentally advance the understanding and treatment of eye injury and/or visual dysfunction that result from a military-relevant traumatic event (e.g., blast, blunt, thermal, chemical, biological, directed energy, ionizing radiation).

Required pre-applications are due September 4, 2018. Approximately \$7.5 million is available to support one award.

LINKS:

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

DoD Vision, Investigator- Initiated Research Award

Army (Army), Department of Defense (Defense), Congressionally Directed Medical Research Programs (CDMRP)

Notice seeking applications to support studies that will yield highly impactful discoveries or major advancements in the research and/or patient care of eye injury and/or visual dysfunction as related to military-relevant trauma. Research projects may focus on any phase of research (e.g., basic, translational, applied, clinical, observational), excluding clinical trials. Focus areas include: Blast, blunt, thermal, or chemical trauma; Trauma caused by directed energy weapons such as laser, microwaves, and particle beams; and Ionizing radiation.

Required pre-applications are due September 4, 2018. Approximately \$4.5 million is available to support up to six awards.

LINKS:

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

Early Stage Clinical Trials for the Spectrum of Alzheimer Disease and Age-related Cognitive Decline (R01 Clinical Trial Optional)

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

Notice supporting applications to implement early stage (Phase I or II) clinical trials of promising pharmacological and non-pharmacological interventions in individuals with age-related cognitive decline and in individuals with Alzheimer's disease (AD) across the spectrum from pre-symptomatic to more severe stages of disease. Funds also support efforts to stimulate studies to enhance trial design and methods.

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

Approximately \$10 million is available to support 10-15 awards.

LINKS:

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

Expanding Extramural Research Opportunities at the NIH Clinical Center (U01 Clinical Trial Optional)

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

Notice supporting applications for extramural investigator-initiated clinical research in partnership with the NIH Clinical Center that will leverage the resources (inpatient and outpatient) and assets of the Clinical Center (e.g., scientific and clinical expertise, nursing, beds, critical care services, ambulatory care services, laboratories, imaging, biostatistics, protocol development, regulatory guidance, clinical trials management and safety oversight) in accelerating the discovery and translation from laboratory to clinic of therapies for infectious (including primary immunodeficiency diseases), immunologic, and allergic diseases. Specifically,

it will support hypothesis-driven mechanistic studies alone or within clinical projects employing Phase 0, 1, and/or 2a clinical trial designs.

Optional letters of intent are due 30 days before the chosen due date. Applications are due on December 3, 2018, December 3, 2019, and December 3, 2020. Approximately \$400,000 per award year is available to support multiple awards.

LINKS:

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

Late Stage Clinical Trials for the Spectrum of Alzheimer Disease and Age-related Cognitive Decline (R01 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Aging (NIA)

Notice seeking applications to support efforts to develop and implement late stage clinical trials of promising pharmacological and non-pharmacological interventions in individuals with age-related cognitive decline and across the Alzheimer's disease spectrum from pre-symptomatic to more severe stages of disease.

Applications are due annually on February 5, June 5, and October 5 until September 8, 2021. Approximately \$25 million is available to support 8-10 awards.

LINKS:

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

Molecular Atlas of Lung Development Program (LungMAP) Phase 2 - Data Coordinating Center (U24-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 better understand human lung development through building an open-access reference resource of a comprehensive, dynamic, 3-D molecular atlas of the late-stage developing human lung with data and reagents available to the research community.

Optional letters of intent are due September 30, 2018. Applications are due October 31, 2018. Approximately \$1.3 million in FY 2019, and \$1.6 million in FY 2020 to support one award lasting up to five years.

LINKS:

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

Molecular Atlas of Lung Development Program (LungMAP) Phase 2 - Human Tissue Core (U01- 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 identify tissue sources and collect, process, preserve, and distribute human lung samples to the Research Centers (RCs), which will be funded through companion FOA (RFA-HL-19-020).

Optional letters of intent are due September 30, 2018. Applications are due October 31, 2018. Approximately \$1.6 million, per year, is available to support one award.

LINKS:

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

Molecular Atlas of Lung Development Program (LungMAP) Phase 2 Research Centers (U01- 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 generate molecular profiling data of normal human lung development into early adulthood (up to 25 years old), as well as abnormal lung development in selected neonatal and pediatric rare lung diseases.

Optional letters of intent are due September 30, 2018. Applications are due October 31, 2018. Approximately \$3.84 million, per year, is available to support up to four awards.

LINKS:

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

Pediatric Critical Care and Trauma Scientist Development Program (K12 Clinical Trial Optional)

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

Notice seeking applications to support a national program of mentored advanced career development and training in research for junior faculty in pediatric critical care medicine and pediatric trauma surgery.

Optional letters of intent are due September 1, 2018. Applications are due October 1, 2018. Approximately \$600,000 is available for one award to support a project lasting up to five years.

Limited Submission:

One application per institution.

LINKS:

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

Title V Competitive Sexual Risk Avoidance Education

Administration for Children and Families (ACF), Department of Health and Human Services (HHS)

Notice seeking applications to implement sexual risk avoidance education that teaches youth participants how to voluntarily refrain from non-marital sexual activities geared to empower participants to make healthy decisions, and provide tools and resources to prevent pregnancy, STIs, and engagement in other risky behaviors.

Applications are due August 26, 2018. Approximately \$14 million is available for 30 awards.

LINKS:

[Grants.gov](#)

TriService Nursing Research Program Open Call
Department of Defense (Defense)

Notice seeking applications to conduct rigorous scientific research studies and evidence-based practice projects in the field of military nursing to optimize the health of military members and their beneficiaries.

Applications are due June 1, 2019. Approximately \$4.5 million is available for 20 awards to support project lasting up to two years.

LINKS:

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

Meeting of the President's Council on Sports, Fitness, and Nutrition

Department of Health and Human Services (HHS)

Notice announcing a meeting of the President's Council on Sports, Fitness, and Nutrition to discuss Council activities and future projects and programs.

The meeting will be held September 21, 2018, from 9:30 a.m. to 12:30 p.m. ET at the Newseum, Knight Conference Center 7th Floor, 555 Pennsylvania Ave. NW, Washington, DC. Members of the public must pre-register by sending an email to: rsvp.fitness@hhs.gov or by calling 240-276-9567. Registration is due September 12, 2018.

LINKS:

[Federal Register](#)

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

2018 Human Exploration Research Opportunities (HERO)

National Aeronautics and Space Administration (NASA), Johnson Space Center

Notice seeking applications for applied research in support of NASA's Human Research Program (HRP). The research will fall into one or more categories corresponding to HRP's five Elements: Space Radiation, Human Health Countermeasures, Exploration Medical Capability, Human Factors and Behavioral Performance, and International Space Station Medical Projects.

Proposals are due from September 5, 2018 to September 5, 2019.

LINKS:

[Grants.gov](#)

2019/2020 Sea Scallop Research Set Aside

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

Notice seeking applications for scallop research to be conducted under the 2019/2020 Scallop RSA Program.

Applications are due October 1, 2018. No federal funds are provided for research under this notification.

LINKS:

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

Appendix A: NASA Research and Technology Development to Support Crew Health and Performance in Space Exploration Missions

National Aeronautics and Space Administration (NASA), Johnson Space Center

Notice seeking applications in the areas of Risk of Synergistic Effects of Radiation, Stress, and Altered Gravity on Spaceflight Behavioral Health and Performance Virtual NASA Specialized Center of Research (VNSCOR); Space Radiobiology Tissue Sharing: Research Proposing the Use of Archived Tissue Samples or Samples from Ongoing Experiments; and Impact of Dose-Rate on Space Radiation Health Risks.

Step-1 proposals are due September 5, 2018. Invited Step-2 proposals are due November 30, 2018. Up to five awards are anticipated.

LINKS:

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

Appendix B: NASA Human Research Program Omnibus Opportunity

National Aeronautics and Space Administration (NASA), Johnson Space Center

Notice seeking applications for short-term investigations or technology development projects that provide innovative approaches to any of the risks and associated knowledge gaps contained in the Human Research Program (HRP) Integrated Research Plan (IRP).

Required Step-1 proposals are due September 5, 2018. Invited Step-2 proposals are due November 30, 2018. Up to \$150,000 per award is available.

LINKS:

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

Chesapeake Bay Watershed Fiscal Year (FY) 2018 Conservation Technical Assistance Cooperative Agreements

United States Department of Agriculture (USDA), Natural Resources Conservation Service (NRCS)

Notice seeking applications to expedite conservation plan development and conservation practice implementation in the Chesapeake Bay watershed. NRCS will provide technical assistance awards to entities that possess staff who can develop conservation plans, implement conservation practices and enhancements, or provide specified training in the Chesapeake Bay watershed.

Applications are due September 1, 2018. Approximately \$880,000 is available to support three to nine awards for one to five years.

LINKS:

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

Countering Weapons of Mass Destruction: Transformative Solutions Incubator (TSI)

Department of Homeland Security (Homeland Security), Office of Procurement Operations

Notice seeking proposals to move promising technologies from academic research to the marketplace to support the needs of DHS operational components in the Countering Weapons of Mass Destruction (CWMD) mission space.

Applications are due August 31, 2018. Approximately \$1.3 million is available to support five to seven awards up to 60 months.

LINKS:

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

Enabling Quantum Leap: Convergent Accelerated Discovery Foundries for Quantum Materials Science, Engineering and Information
Directorate for Computer & Information Science & Engineering (CISE), Directorate for Engineering (ENG), Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice supporting applications for efforts to rapidly accelerate quantum materials design, synthesis, characterization, and translation of fundamental materials engineering and information research for quantum devices, systems, and networks by establishing Foundries with mid-scale infrastructure for rapid prototyping and development of quantum materials and devices. The new materials, devices, tools and methods developed will be shared with the science and engineering communities through a Foundry-operated network.

Required letters of intent are due September 17, 2018. Approximately \$20-25 million is available to support one to five awards.

Limited Submission:

One (1) per organization as lead institution. Individuals may appear as Senior Personnel (Principal Investigator/Project Director, co-PI, and Faculty Associate or equivalent) on only one Q-AMASE proposal.

LINKS:

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

Naval Engineering Education Consortium (NEEC) Broad Agency Announcement
Navy (Navy), Department of Defense (Defense), NSWC Indian Head

Notice seeking basic and applied research affecting multiple issues related to naval engineering and related topics. Broad topics include, but are not limited to: signal processing; materials science; autonomous devices; quantum computing; big data processing; artificial intelligence, and more.

Applications are due October 31, 2018. Multiple awards are anticipated.

LINKS:

[Grants.gov](#)

Sociology Program - Doctoral Dissertation Research Improvement Awards
Directorate for Social, Behavioral & Economic Sciences (SBE), National Science Foundation (NSF)

Notice seeking proposals to supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The Program

encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender, race and the sociology of science and technology.

DDRI Proposals are due October 29, 2018, October 15, 2019 and October 15, annually thereafter. Invited resubmission proposals are due February 28, 2019 and February 28, annually thereafter. Approximately \$560,000 is available to support 30 to 35 awards.

LINKS:

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

Synchronized Command & Control

Department of Defense (Defense), Department of the Air Force

Notice supporting applications for research, design, development, test, evaluation, and innovative experimentation of technologies that support the strategy, planning, scheduling and assessment phases of the command and control process. Focus areas include: Precise and Predictable Modeling of Cyber Effects; Multi-Domain Command and Control; and Advanced Visualization Techniques.

Applications are due April 30, 2019, April 30, 2020, and September 30, 2021. Approximately \$12 million per year is available to support multiple awards.

LINKS:

[FBO](#)

Windows on the Universe: The Era of Multi-Messenger Astrophysics

Directorate for Geosciences (GEO), Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking proposals to build the capabilities and accelerate the synergy and interoperability of the three messengers to realize integrated, multi-messenger astrophysical explorations of the Universe. The three messengers are electromagnetic waves, high-energy particles including neutrinos and cosmic rays, and gravitational waves.

The due date for any proposal is the due date for submission to the relevant program.

LINKS:

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

Advisory Committee for Mathematical and Physical Sciences; Notice of Meeting

Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice announcing a meeting of the Advisory Committee for Mathematical and Physical Sciences to provide advice, recommendations, and counsel on major goals and policies pertaining to mathematical and physical sciences programs and activities. Agenda items include: MPS update; Big Ideas: Quantum Leap: Leading the Next Quantum Revolution; Big Ideas: Windows on the Universe: The Era of Multi-Messenger Astrophysics; Preparation for meeting with the NSF Director and Chief Operating Officer; Update: Sexual

Harassment; Big Ideas: Harnessing the Data Revolution; Big Ideas: Understanding the Rules of Life: Predicting Phenotype; Discussion: Synthetic Biology; Update from MPSAC sub-committee on the Physics Frontiers Centers Program; and Discussion with NSF Director and COO

The meeting will be held on August 14, 2018; 12:30 p.m.-5:00 p.m. ET and August 15, 2018; 8:30 a.m.-4:00 p.m. ET at National Science Foundation, 2415 Eisenhower Ave. Alexandria, VA

LINKS:

[Federal Register](#), [Solicitation](#)

Advisory Committee on Reactor Safeguards; Revised Notice of Meeting

NRC (Nuclear Regulatory Commission)

Notice announcing a meeting of the Advisory Committee on Reactor Safeguards to discuss organizational and personnel matters that relate solely to internal personnel rules and practices of the ACRS, and information the release of which would constitute a clearly unwarranted invasion of personal privacy and other business items.

The meeting will be held September 6-8, 2018 from 8:30 a.m. to 6:00 p.m. at Conference Room T-2B1, 11545 Rockville Pike, Rockville, Maryland.

LINKS:

[Federal Register](#)

Atlantic Highly Migratory Species; Meeting of the Atlantic Highly Migratory Species Advisory Panel

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

Notice announcing a 2-day Atlantic Highly Migratory Species (HMS) Advisory Panel meeting to consider options for the conservation and management of Atlantic HMS. The meeting is open to the public. Agenda items include: Short- and long-term management of Atlantic shortfin mako; Bluefin tuna management; Progress updates on a number of other actions such as Ecosystem-Based Fisheries Management; Amendment 12; weak-hook and area based management; cross-regional vessel electronic reporting (e.g., eVTR, SEFHIER, eTrips); and spatial management options; and Shark management in general. Webinar access is available.

The meeting will be held from 8:30 a.m. to 6 p.m. ET on Wednesday, September 5, and from 8:30 a.m. to 3 p.m. ET on Thursday, September 6 at the Sheraton Silver Spring Hotel, 8777 Georgia Avenue, Silver Spring, MD.

LINKS:

[Federal Register](#)

Notice of Public Meeting

Department of State (State)

Notice announcing a meeting of the Department of State to discuss IMO bodies, amendments to the IGF Code and development of guidelines for low-flashpoint fuels, and the suitability of high manganese austenitic steel for cryogenic service and additional business items.

The meeting will be held on August 30, 2018 at 9:30 a.m. ET at 2703 Martin Luther King Jr. Avenue SE, Washington, DC.

LINKS:

[Federal Register](#)

Request for Information (RFI) on H2@Scale (Hydrogen at Scale): Determining Opportunities to Facilitate Wide-Scale Hydrogen Adoption for Energy Security and Economic Growth

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

Notice seeking information to quantify the increasing industrial demand for hydrogen; to identify and quantify the available domestic resources (such as renewable, nuclear and fossil energy) that could be leveraged to generate sufficient hydrogen to sustainably meet the demand in the near- to long-terms; and to identify opportunities to better leverage current hydrogen supply options to meet growing industrial demands.

Responses are due October 31, 2018.

LINKS:

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

RFI: National Offshore Wind Energy R&D Test Facilities

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

Notice seeking information on facilities that can conduct unique offshore wind R&D in the U.S., what upgrades to existing facilities or new facilities are needed for the U.S. to be at the cutting edge of offshore wind R&D, and what specific tests and analyses could be carried out at existing, upgraded, or new facilities in order to advance the U.S. offshore wind industry.

Responses are due September 14, 2018 to osw.rfi@ee.doe.gov.

LINKS:

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

Understanding Catalyst Production and Development Needs at National Laboratories

Department of Energy (Energy)

Notice seeking comments to help identify and understand additional areas of research, capabilities, and yet-to-be-addressed challenges pertinent to small-scale production (typically in multi-kilogram quantities) of custom catalysts used in technology development and engineering solutions for the efficient conversion of lignocellulosic, waste, and algal feedstocks to produce biofuels and bioproducts. The conversion technologies of interest include biological, thermochemical or hybrid processes. The class of catalysts include but are not limited to, for example, enzymes, immobilized enzymes, inorganic, and organic; and both homogeneous and heterogeneous types.

Comments are due September 14, 2018.

LINKS:

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

Advanced Technologies and Instrumentation
Directorate for Mathematical & Physical Sciences (MPS), National Science Foundation (NSF)

Notice seeking applications to provide individual investigator and collaborative research grants for development of new technologies and instrumentation for astronomy and astrophysics. The program supports overarching science objectives of the Division of Astronomical Sciences.

Applications are due annually on November 15. Approximately \$8 million is available to support 10 awards.

LINKS:

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

Astronomy and Astrophysics Research Grants
National Science Foundation (NSF)

Notice seeking applications to provides individual investigator and collaborative research grants for observational, theoretical, laboratory, and archival data studies in astronomy and astrophysics in addition to considerations given for projects and tools that enable or enhance astronomical research.

Applications are due annually on November 15. Approximately \$48.5 million is available to support 100 awards.

LINKS:

[Grants.gov](#), [Agency Site](#), [Solicitation](#)

Fundamental Research to Counter Weapons of Mass Destruction
Department of Defense (Defense), Defense Threat Reduction Agency (DTRA)

Notice supporting applications for ideas and topic-based pre-application white papers for long-term challenges that offer a significant contribution: to the current body of knowledge, to the understanding of phenomena and observable facts, to significantly advance revolutionary technology, to new concepts for technology application, or that may have impact on future Counter-weapons of mass destruction (C-WMD) threat reduction, expertise, or capabilities. Thrust areas include: Science of WMD Sensing and Recognition; Network Sciences; Science for Protection; Science to Defeat WMD; Science to Secure WMDs; Cooperative Counter WMD Research with Global Partners; and Fundamental Science for Chemical and Biological Defense.

Applications are accepted through September 2024. Multiple awards are anticipated.

LINKS:

[FBO](#)

NSF Astronomy and Astrophysics Postdoctoral Fellowships
National Science Foundation (NSF)

Notice seeking applications to engage in observational, instrumental, theoretical, laboratory or archival data research in any area of astronomy or astrophysics, in combination with a coherent educational plan for the duration of the fellowship.

Applications are due October 24, 2018 and October 15, 2019 annually thereafter. Approximately \$900,000 is available for up to nine awards to support projects lasting up to three years.

Limited Submission:

Each applicant may submit only one AAPF proposal per annual competition.

LINKS:

[Grants.gov](#), [Agency Site](#), [Solicitation](#)

Research and Studies for the Office of Net Assessment
Department of Defense (Defense)

Notice seeking application to support analyses that compare the standing trends, and future prospects of U.S. and foreign military capability and military potential. Priority is given to assessing aspects of the security environment and parts of the world that are likely to change in the future, and that may present threats or opportunities to the U.S. Focus areas include: Future Naval Warfare; Proliferated world; Space; Sustaining Current Areas of U.S. Advantage; Precision Strike; Economics; Wargames; The Information Dimension of Warfare; Machine Intelligence; Biotechnology; and Other Topics.

Applications are accepted: August 10, 2018; October 16, 2018; December 18, 2018; February 26, 2019; April 23, 2019; June 25, 2019; October 15, 2019; December 17, 2019; February 25, 2020; April 21, 2020; June 23, 2020; October 20, 2020; December 15, 2020; February 23, 2021; April 20, 2021; June 22, 2021; October 19, 2021; December 21, 2021; February 22, 2022; April 26, 2022; June 21, 2022; October 25, 2022; December 20, 2022; February 21, 2023; April 25, 2023; and June 13, 2023. Multiple awards are anticipated.

LINKS:

[FBO](#)