

ARTS, HUMANITIES AND INTERNATIONAL

FY 19 YSEALI Media Literacy Regional Workshop
Department of State (State)

Notice seeking proposals for a cooperative agreement to develop and implement a six-day workshop in Rangoon on media literacy for the Young Southeast Asian Leaders Initiative.

Applications are due September 13, 2018. Approximately \$120,000 is available to fund one award.

LINKS:

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

2019 YSEALI Generation Workshop: Advancing Gender Equality
Department of State (State), U.S. Mission to Brunei

Notice seeking applications to develop and implement a three-day 2019 Young Southeast Asian Leaders Initiative (YSEALI) Generation Workshop. This workshop will include both men and women in seeking to identify reasons behind gender inequality in Southeast Asia and to find collaborative solutions to closing the gender gap. This will pave the way for strong coalitions to promote the advancement of women in society, and reduce the use of stereotypes that keep women in lowerlevel roles.

Applications are due September 6, 2018. Approximately \$200,000 is available to support one award.

LINKS:

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

Fulbright Program in Hong Kong & Macau
Department of State (State)

Notice seeking applications to jointly implement the Fulbright Program in Hong Kong and Macau with the U.S. Department of State.

Applications are due August 15, 2018. Approximately \$50,000 is available to fund one cooperative agreement.

LINKS:

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

U.S.-Russia Peer-to-Peer Dialogue Program Management
Department of State (State), U.S. Embassy Moscow

Notice seeking proposals to implement and manage the U.S. Peer-to-Peer (P2P) Dialogue Program. The successful recipient of this cooperative agreement will work closely with the US Embassy to implement the P2P Program, which is designed to foster greater contacts between Americans and Russians and support unique projects centered on Russian-American, peer-to-peer interaction and cooperation, including but not limited to, an exchange of best practices between Russians and Americans on a topic of mutual interest. The successful recipient will be responsible for conducting outreach and advertising for the P2P Program, managing the selection process, and serving as the primary contact and resource for all sub-awards issued under this award.

Applications are due September 6, 2018. Approximately \$850,000 is available to fund one award.

LINKS:

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

Advisory Committee for the Study of Eastern Europe and the Independent States of the Former Soviet Union (Title VIII) Public Meeting Notice

Department of State (State)

Notice announcing a meeting of the Advisory Committee for the Study of Eastern Europe and the Independent States of the Former Soviet Union to recommend grant recipients for the 2018 funding opportunity for the Program for the Study of Eastern Europe and the Independent States of the Former Soviet Union.

The meeting will be held on September 5, 2018. Participants should arrive by 12:30 p.m. for security screening and the meeting will last until 3:30 p.m. ET. The meeting will be held at the U.S. Department of State, Harry S Truman Building, 2201 C Street NW, Washington, DC.

LINKS:

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

EDUCATION and ECONOMIC AND COMMUNITY DEVELOPMENT

Creating Options for Veterans Expedited Recovery (COVER) Commission; Notice of Meeting

Department of Veterans Affairs (VA)

Notice announcing a two-day meeting of the Creating Options for Veterans Expedited Recovery Commission. Day 1 will focus on Comprehensive Addiction and Recovery Act (CARA) Legislation (full scope) and integration with the Commission, current VHA Mental Health Services and Resources and Current Process, Specialty and Recreational Therapies, Hyper Baric Therapy, Integrative Health, and a Question and Answer Panel by VA leading experts in CARA legislation, Mental Health and Whole Health Practices. Day 2 will include further review and discussion on past surveys of Veterans Mental Health and approach to a way forward.

The meeting will be held August 21, 2018 from 8:00 a.m. to 5:00 p.m. and August 22, 2018 from 8:00 a.m. to 3:00 p.m. ET at the JW Marriott Hotel, 1331 Pennsylvania Avenue NW, Washington, DC.

LINKS:

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

Defense Advisory Committee on Investigation, Prosecution, and Defense of Sexual Assault in the Armed Forces; Notice of Federal Advisory Committee Meeting

Department of Defense (Defense)

Notice announcing a meeting of the Defense Advisory Committee on Investigation, Prosecution, and Defense of Sexual Assault in the Armed Forces to deliberate on article 140a of the Uniform Code of

Military Justice (the prescription of uniform standards and criteria for conduct for case processing and management).

The meeting will be held August 23, 2018 from 2:00 p.m. to 4:00 p.m. ET at One Liberty Center, 875 N Randolph Street, Suite 1432, Arlington, VA.

LINKS:

[Federal Register](#)

Open Meeting of the Taxpayer Advocacy Panel Joint Committee

Department of the Treasury (Treasury)

Notice announcing a teleconference meeting of the Taxpayer Advocacy Panel, which is soliciting public comments, ideas, and suggestions on improving customer service at the Internal Revenue Service.

The meeting will be held Thursday, September 27, 2018, at 1:00 p.m. ET

LINKS:

[Federal Register](#)

Advancing Actionable Alternatives to Vertebrate Animal Testing for Chemical Safety Assessment
Environmental Protection Agency (EPA)

Notice seeking applications proposing research that will promote the development and use of alternative test methods and strategies that address the “3Rs” of toxicity testing: 1) reduce, 2) refine, and/or 3) replace vertebrate animal testing.

Applications are due September 25, 2018. Approximately \$4.25 million is available to support five awards.

LINKS:

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

Fort Huachuca Environmental Training
Department of Defense (Defense)

Notice seeking applications to support environmental programs through the use of student interns. The intern program encourages the development of science, mathematics, and engineering educational programs with the focus on education and training, rather than the work product. The program provides real world training and experience for students and new graduates in the fields of cultural resources, natural resources, and compliance.

Applications are due September 4, 2018 by 4:00 p.m. MT. Approximately \$532,102 annually is available to support 13 interns.

LINKS:

[Grants.gov](#)

Aviation Rulemaking Advisory Committee; Meeting

U.S. Department of Transportation (DOT), Federal Aviation Administration (FAA)

Notice announcing a meeting of the Aviation Rulemaking Committee with the following agenda: Status Report from the FAA; Status Update from Active Working Groups; Status Update from Transport Airplane and Engine Subcommittee; Recommendation Reports; and Any Other Business.

The meeting will be held September 20, 2018 starting at 1:00 p.m. ET at the Federal Aviation Administration, Bessie Coleman Room, 800 Independence Avenue SW, Washington, DC.

LINKS:

[Federal Register](#)

First Responder Network Authority Combined Committee and Board Meeting

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

Notice announcing a meeting of the Board of the First Responder Network Authority with the agenda to be determined.

The meeting will be held via teleconference on August 13, 2018 from 11:00 a.m. to 12:00 p.m. ET.

LINKS:

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

NASA Advisory Council; Ad Hoc Task Force on STEM Education; Meeting

National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Ad Hoc Task Force on STEM of the NASA Advisory Council with the following agenda: Opening Remarks by Chair; Update on New Task Force Members; Transition Update and STEM Engagement; Business and Administrative Systems Office Implementation and STEM Engagement Strategic Plan; STEM Education Advisory Panel; Status on Federal Five-Year Strategic Plan; Performance and Evaluation Update; Space STEM Forum and 50th Anniversary Plans; Findings and Recommendations to the NAC; and Other Related Topics.

The meeting will be held August 28, 2018 from 9:30 a.m. to 2:30 p.m. PT. Web conference and teleconference options are available.

LINKS:

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

Open Community Development Advisory Board

Department of the Treasury (Treasury), Community Development Financial Institutions Fund

Notice announcing a meeting of the Community Development Advisory Board of the Community Development Financial Institutions (CDFI) Fund to discuss a report from the CDFI Fund Director on the activities of the CDFI Fund since the last Advisory Board meeting and on Fiscal Year 2019 priorities, including discussion on the reexamination of CDFI Certification policies and maximizing impact in Persistent Poverty Counties.

The meeting will be held August 23, 2018 from 9:00 a.m. to 2:00 p.m. ET at the U.S. Department of the Treasury, 1500 Pennsylvania Avenue NW, Washington, DC.

LINKS:

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

HEALTH and MENTAL HEALTH

Approaches to Identify and Care for Individuals with Inherited Cancer Syndromes (U01 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Cancer Institute (NCI)

Notice seeking applications to improve the current state of early detection, genetic testing, genetic counseling, and knowledge landscape of the mechanisms and biomarkers associated with cancer development. Projects should be aimed at identifying best practices to improve case ascertainment and follow-up care of hereditary cancers, with the goal of improving prevention and detection.

Optional letters of intent are due December 9, 2018. Applications are due January 9, 2019. Approximately \$4 million is available to fund up to four awards.

LINKS:

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

Assessment of the Psychological and Physiological Effects of Augmented Reality (APPEAR)
Army (Army), Department of Defense (Defense), U.S. Army Medical Research Acquisition Activity (USAMRAA)

Notice seeking applications to support assessments to understand the psychological or physiological effects of augmented reality (AR) medical simulations that may impact learning effectiveness in humans. The ultimate goal of this research is to identify psychological and physiological limitations of AR medical simulation training in the diverse high pressure and stressful context anticipated in the various military echelons of care, which will help ensure optimal development and utilization of AR technology to address the identified capability gaps in military medical simulation training. Proposed studies are not limited to a specific medical domain and all areas of medicine are encouraged for submission (i.e., dental, dermatology, obstetrics, ophthalmology, and surgical fields); however, projects related to treatment of traumatic and acute injuries/multi-casualty are preferential.

Applications are due September 21, 2018. Approximately \$2.5 million is available to support up to two awards.

LINKS:

[FBO](#)

Computationally-Defined Behaviors in Psychiatry (R21 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Mental Health (NIMH)

Notice seeking applications to support research projects that will apply computational approaches to develop parametrically detailed behavioral assays across mental-health relevant domains of function. These projects

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should focus on behavior in humans and test computational models in healthy subject, particularly the study of behavioral measures, models, and parameters that have the potential for back-translation from humans to animals, especially for pre-clinical therapeutics development, and/or in models that have the potential to be extended to clinical populations.

Optional letters of intent are due October 20, 2018; October 20, 2019; and October 20, 2020. Applications are due November 20, 2018; November 20, 2019; and November 20, 2020. Approximately \$2 million is available to support up to 10 awards.

LINKS:

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

Elucidating the Role of the Autonomic Nervous System in Peripheral Metabolism and Metabolic Disease through the Application of Novel Tools and Methodologies (RC2 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications to support efforts to generate scientific advancements addressing the role of the autonomic nervous system in the regulation of peripheral metabolism and its role in diabetes, obesity and related metabolic disease. Interdisciplinary teams may propose to develop resources in the form of novel tools or methodologies that when applied to the autonomic nervous system will contribute to elucidating its functional role in metabolism. Alternatively, teams may focus on novel approaches to address specific knowledge gaps or scientific questions that will significantly contribute to our understanding of role of the autonomic nervous system in metabolism with the goal of accelerating scientific progress in the treatment and prevention of metabolic disease.

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; and June 1, 2021. Multiple awards are anticipated.

LINKS:

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

Human Islet Research Network - Consortium on Human Islet Biomimetics (HIRN-CHIB) (UG3/UH3
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 development of a microphysiological system that allows the study of interactions between primary human islets or assembled islet spheroids (organoids made up of human beta/alpha/delta/other cells) and immune cells within a 3D microenvironment to mimic aspects of the autoimmune process and its regulation. The ultimate goal will be to create an in vitro human disease model(s) that could recapitulate some aspects of the complex pathophysiology of Type 1 diabetes (T1D), by using T1D patient-derived islets (created using induced pluripotent stem cells) combined with autologous immune components.

Optional letters of intent are due November 11, 2018. Applications are due December 11, 2018. Approximately \$3 million is available to fund two to three awards.

LINKS:

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

Innovative Adaptations to Simplify Existing Technologies for Manipulation and Analysis of Glycans (U01 Clinical Trial Not Allowed)

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

Notice seeking applications from investigators who might not otherwise conduct research in the glycosciences, to undertake the study of carbohydrate structure and function. This program solicits development of innovative adaptations of existing technologies to enable their use for readily identifying, manipulating, or analyzing glycans and their biological binding partners. This may encompass the adaptation of commonly used laboratory-based or computational tools to enable their facile application to glycoscience for the first time, as well as the adaptation of tools presently used by specialists in glycoscience to make them significantly more straightforward and accessible for non-specialists.

Optional letters of intent are due 30 days before the application. Applications are due October 29, 2018. Approximately \$1 million is available to fund one to two awards.

LINKS:

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

Novel and Innovative Tools to Facilitate Identification, Tracking, Manipulation, and Analysis of Glycans and their Functions (U01 Clinical Trial Not Allowed)

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

Notice seeking applications from investigators who might not otherwise conduct research in the glycosciences, to undertake the study of carbohydrate structure and function. This program solicits development of new, more easily accessible tools, reagents, and technologies to facilitate identification, tracking, manipulation, and analysis of glycans with their biological binding partners and determine their functions. This initiative may build on efforts that interface with existing technologies and procedures to make them easier to access and use. As applicable, efforts must consider: factors for scale-up; efforts to make instrumentation broadly accessible and cost-effective for the end-user; and compatibility of data generated with integration into existing databases.

Optional letters of intent are due 30 days before the application. Applications are due October 29, 2018. Approximately \$2 million is available to fund up to five awards.

LINKS:

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

Strengthening the Health System Capacity to Implement HIV Prevention, Care, and Treatment Services in the Republic of South Africa under the President's Emergency Plan for AIDS Relief (PEPFAR)
Centers for Disease Control and Prevention (CDC), Department of Health and Human Services (HHS), Center for Global Health (CGH)

Notice seeking applications to support efforts to improve institutional capacity in South Africa for workforce development and management as well as stronger regulation, education and clinical practice policies that improve, scale and deliver HIV/AIDS and TB services. Finally, outcomes of this project include improved non-governmental institutional capacity to deliver HIV/AIDS and integrated health services as part of the national and local HIV/AIDS and TB response.

Applications are due October 9, 2018. Approximately \$30 million is available to support one award.

LINKS:

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

CONTACT:

Strengthening Vietnam's Indigenous Technical Assistance Capacity and Systems through Support for HIV/AIDS Clinical Mentorship and Health System Strengthening under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications to support efforts to strengthen the indigenous technical capacity of the Vietnamese Ministry of Health (MOH) and introducing innovative clinical treatment models, technologies, and latest scientific global expertise will be critical for Vietnam to reach epidemic control and ensure the continuity of quality and affordable services for people living with HIV. Funds support efforts to provide this technical assistance, mentorship, and capacity building to the MOH and its affiliates on HIV/AIDS care and treatment and related clinical services.

Applications are due October 9, 2018. Approximately \$1.5 million is available to support one award.

LINKS:

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

Board of Scientific Counselors, National Institute for Occupational Safety and Health (BSC, NIOSH)

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

Notice announcing a webcast meeting of the Board of Scientific Counselors, National Institute for Occupational Safety and Health. Agenda items include occupational safety and health issues related to: NIOSH confronts the Opioid Crisis; 21st Century Surveillance Report; and Enhancing the Transparency of NIOSH Science.

The meeting will be held on September 27, 2018, 8:30 a.m.-2:30 p.m., at Patriots Plaza I, 395 E Street SW, Room 9000, Washington, DC

LINKS:

[Federal Register](https://www.federalregister.gov), [Agency Site](https://www.niosh.gov)

Human Dermal (Skin) Safety Testing for Topical Drug Products: Regulatory Utility and Evaluation; Public Workshop; Request for Comments

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

Notice announcing a workshop to provide a forum to discuss the current state and future directions of the collection of human data on the potential skin toxicity with the use of medications applied topically. The workshop will review current approaches to the collection of human data during the clinical development of

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topical drug products. The workshop will also address the impact of human skin toxicity studies on drug labeling and consider alternative approaches to providing information about skin toxicity.

The workshop will be held September 10, 2018 from 8:30 a.m. to 4:00 p.m. ET at the FDA White Oak Campus, 10903 New Hampshire Ave., Building 31 Conference Center, the Great Room (Rm. 1503, Section A), Silver Spring, MD.

LINKS:

[Federal Register](#)

Advancing Extracellular RNA (exRNA) Communication Research: Improved Isolation and Analysis of exRNA-Carrier Subclasses (UG3/UH3 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS); National Cancer Institute (NCI)

Notice seeking applications to develop and evaluate innovative separation tools, technologies, and approaches that will enable the scientific community to rapidly and reproducibly sort complex biofluids into homogenous carrier populations of EVs, (including EV subsets), RNPs, and LPPs, and that also support high-throughput isolation and analysis of their extracellular RNA content and associated molecular cargo.

Optional letters of intent are due September 23, 2018. Applications are due October 23, 2018. Approximately \$2.5 million per year is available to support up to five awards in FY 2019 and FY 2020.

LINKS:

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

Advancing Extracellular RNA (exRNA) Communication Research: Towards Single Extracellular Vesicle (EV) Sorting, Isolation, and Analysis of Cargo (UG3/UH3 Clinical Trial Not Allowed)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Center for Advancing Translational Sciences (NCATS); National Cancer Institute (NCI)

Notice seeking applications to develop and demonstrate innovative technologies and reagents towards isolating single EVs and to characterize the exRNA cargos associated with specific EV subpopulations based on cell of origin and their intended target cell.

Optional letters of intent are due September 23, 2018. Applications are due October 23, 2018. Approximately \$2.5 million per year is available to support up to five awards in FY 2019 and FY 2020.

LINKS:

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

Clinical Trial on Effects of Statins in Older Adults without Clinical Cardiovascular Disease (U19 Clinical Trial Required)
National Institutes of Health (NIH), Department of Health and Human Services (HHS)

Notice seeking applications for a seven-year pragmatic trial from a network or consortium of health care delivery systems (HCS), which together cover most of the geographic regions of the United States, and a data coordinating center to assess the overall risks and benefits of statins in adults 75 years of age and older without clinical cardiovascular disease.

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Optional letters of intent are due November 17, 2018. Applications are due December 17, 2018. Approximately \$38.8 million is available to support one award. NIA intends to commit up to \$2.8 million in direct costs in FY 2019 to fund one award.

LINKS:

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

CNS-Targeted Drug Delivery Strategies for HIV (R01 Clinical Trial Not Allowed)

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

Notice seeking applications to support studies with a focus on developing drug delivery strategies that target the Central Nervous System (CNS) for better suppression of Human Immunodeficiency Virus (HIV) and reservoir reduction.

Applications are due January 7, 2019; January 7, 2020; and January 7, 2021.

LINKS:

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

Develop, Implement, and Sustain High Quality Comprehensive HIV Cascade Activities for Children, Adolescents, and Adults in Facility and Community Based Settings in Cameroon under the President's Emergency Plan for AIDS Relief (PEPFAR)

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

Notice seeking applications support technical assistance (TA) and service implementation around key strategies for improving HIV case identification, linkage and same day antiretroviral therapy (ART) initiation, ART adherence and retention in care, and prevention of mother-to-child transmission (PMTCT) and early infant diagnosis (EID) uptake. Activities supporting health systems strengthening for HIV services in Cameroon will also be supported.

Applications are due October 5, 2018. Approximately \$34 million is available to support up to two awards.

LINKS:

[Grants.gov](#)

DoD Accelerating Innovation in Military Medicine Research Award

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

Notice seeking pre-applications for highly creative and conceptually innovative high-risk research with the potential to accelerate critical discoveries or major advancements that will significantly impact military health and medicine. Applications using synthetic or systems biology-based approaches or focused on autonomous healthcare are highly encouraged.

Required pre-applications are due September 19, 2018. Multiple awards are anticipated with a per-award ceiling of \$350,000.

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LINKS:

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

Elucidating the Role of the Autonomic Nervous System in Peripheral Metabolism and Metabolic Disease through the Application of Novel Tools and Methodologies (RC2 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK)

Notice seeking applications for interdisciplinary research addressing the role of the autonomic nervous system in the regulation of peripheral metabolism and its role in diabetes, obesity and related metabolic disease. Interdisciplinary teams may propose to develop resources in the form of novel tools or methodologies that when applied to the autonomic nervous system will contribute to elucidating its functional role in metabolism. Alternatively, teams may focus on novel approaches to address specific knowledge gaps or scientific questions that will significantly contribute to our understanding of role of the autonomic nervous system in metabolism with the goal of accelerating scientific progress in the treatment and prevention of metabolic disease.

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

LINKS:

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

Implementing Evidence-Based Prevention Interventions for Key and Priority Populations in the Republic of Rwanda 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 implement evidence-based interventions for HIV prevention, care, and treatment among key populations and priority populations in Rwanda including male and female commercial sexual workers, men who have sex with men, and other high-risk individuals. The focus will be on provision of a comprehensive package of prevention services including HIV counselling and testing including index testing, same day linkage to treatment, voluntary medical male circumcision, adherence and retention support, and follow-up of HIV- negative persons.

Applications are due October 8, 2018. Approximately \$2.5 million is available to fund one award.

LINKS:

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

Mental Health Research Dissertation Grant to Enhance Workforce Diversity (R36 Independent 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 enhance the diversity of the mental health research workforce by providing dissertation awards in all research areas within the strategic priorities of the NIMH to individuals from groups underrepresented in biomedical, behavioral, clinical and social sciences research. This award supports the completion of the doctoral research project.

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Applications are due December 06, 2018, April 09, 2019, August 06, 2019, December 06, 2019, April 07, 2020, August 06, 2020, December 07, 2020, and April 06, 2021.

LINKS:

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

NIMHD Minority Health and Health Disparities Research Training (MHRT) Program (T37)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Institute on Minority Health and Health Disparities (NIMHD); Fogarty International Center (FIC)

Notice seeking applications to support research training activities in minority health and health disparities research for individuals from diverse backgrounds, including groups underrepresented in biomedical, behavioral, clinical and social sciences research, at domestic institutions and/or at specified foreign low and middle income (LMIC) locations.

Requested letters of intent are due September 11, 2018. Applications are due October 11, 2018. Approximately \$4.5 million is available to support 16 awards.

Limited Submission:

Only one application per institution is allowed

LINKS:

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

NLM Research Grants in Biomedical Informatics and Data Science (R01 Clinical Trial Optional)
National Institutes of Health (NIH), Department of Health and Human Services (HHS), National Library of Medicine (NLM)

Notice seeking applications that interest in these research domains is broad, with emphasis on new methods and approaches to foster data driven discovery in the biomedical and clinical health sciences as well as domain-independent, reusable approaches to discovery, curation, analysis, organization and management of health-related digital objects.

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

LINKS:

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

Physical Activity and Weight Control Interventions among Cancer Survivors: Effects on Biomarkers of Prognosis and Survival (R21/R01 Clinical Trial Optional)

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

Notice seeking applications for transdisciplinary and translational research that will identify the specific biological or biobehavioral pathways through which physical activity and/or weight control (either weight loss or avoidance of weight gain) may affect cancer prognosis and survival. Research applications should test the effects of physical activity, alone or in combination with weight control (either weight loss or avoidance of weight gain), on biomarkers of cancer prognosis among cancer survivors identified by previous animal or observational research on established biomarkers other than insulin/glucose metabolism, especially those obtained from tumor tissue sourced from repeat biopsies where available. Both R21 and R01 mechanisms are available.

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Applications are due on a standard schedule until 2021, with specific dates varying by funding mechanisms. The first due date for R01 proposals is October 5, 2018. The first due date for R21 proposals is October 16, 2018. Multiple awards are anticipated.

LINKS:

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

Service Area Competition

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

Notice seeking applications to join the Health Center Program's Service Area Competition, which supports the provision of primary health care services to the Nation's medically underserved populations.

Applications are due October 9, 2018. Approximately \$140.8 million is available to fund up to 50 awards.

LINKS:

[Grants.gov](#)

Stroke Preclinical Assessment Network (SPAN) to Support Translational Studies for Acute Neuroprotection - Coordinating Center (U24 Clinical Trial Not Allowed)

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

Notice seeking applications for the Coordinating Center (CC) for the NIH Stroke Preclinical Assessment Network (SPAN). SPAN will facilitate testing of up to 6 promising neuroprotective drugs or interventions to be given prior to or at the time of reperfusion in experimental models of ischemic stroke (e.g., transient middle cerebral artery occlusion).

Optional letters of intent are due November 13, 2018. Applications are due December 13, 2018. Approximately \$500,000 is available to support one award for up to three years.

LINKS:

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

Stroke Preclinical Assessment Network (SPAN) to Support Translational Studies for Acute Neuroprotection (U01 Clinical Trial Not Allowed)

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

Notice seeking applications for network sites for the NIH Stroke Preclinical Assessment Network (SPAN). SPAN will facilitate testing of up to 6 promising neuroprotective drugs or interventions to be given prior to or at the time of reperfusion in experimental models of ischemic stroke (e.g., transient middle cerebral artery occlusion). The awarded network sites will become part of the network and will collaborate with the other awarded sites under the oversight and central coordination provided by the SPAN Coordinating Center (RFA-NS-18-034).

Optional letters of intent are due November 13, 2018. Applications are due December 13, 2018. Approximately \$4 million is available to support up to six awards for three years.

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LINKS:

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

National Institute of Mental Health; Notice of Meeting

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

Notice announcing a meeting of the Interagency Autism Coordinating Committee to discuss business, updates, and issues related to autism spectrum disorder research and services activities.

The meeting will be held on October 17, 2018 from 9:00 a.m. to 5:00 p.m. ET at the National Institutes of Health, Neuroscience Center, 6001 Executive Boulevard, Conference Room C and D, Rockville, MD.

LINKS:

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

Office of the Director, National Institutes of Health; Notice of Meeting

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

Notice announcing a meeting of the Council of Councils within the National Institutes of Health to discuss council operating procedures; a workshop report on contributions of social and behavioral research in addressing the opioid crisis; and retiring council members' perspectives.

The open portion of the meeting will be held on September 7, 2018 from 8:15 a.m. to 12:15 p.m. ET at the National Institutes of Health, 9000 Rockville Pike, Building 60/Cloisters, Lecture Hall/Chapel, Bethesda, MD.

LINKS:

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

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

BAA - Advanced Technologies to Achieve Expeditionary Uninterrupted Mission Command, Power & Integration (CP&I) Directorate

Army (Army), Department of Defense (Defense), Army Contracting Command

Notice supporting white papers for research, development, design, and testing that directly supports advancement of battlefield technologies in the area of Expeditionary uninterrupted Mission Command. Funds support efforts to discover technical approaches to improve and enhance current and future expeditionary capabilities, flexibility, and responsiveness for enhancing soldier capabilities to operate in a symmetric and unsymmetrical environment. Research topics include: Command Applications of Machine Learning; Command Applications of Machine Learning; Rapid Decision Making for Tactical Mission Command; Predictive Visualizations for Rapid Decision Making; Emerging Mission Command; Infrastructure Technologies Enabling Mission Command; Logistics Application; and Adaptable, Resilient Command Posts.

White papers are accepted through August 28, 2022. Multiple awards are anticipated.

LINKS:

[FBO](#)

High Intensity Thermal Exchange through Materials and Manufacturing Process
Department of Energy (Energy), Advanced Research Projects Agency Energy

Notice supporting applications for novel approaches and technologies for design topologies, materials, and manufacturing of high temperature, high pressure, and highly compact heat exchangers, which will enable efficient and power dense power generation cycles for applications in transportation, electricity generation, and industrial sectors. Focus areas include: The identification and development of materials capable of withstanding extreme temperature and pressure conditions while featuring attractive thermo-mechanical and manufacturability properties; Advances in additive and/or subtractive manufacturing techniques to enable the cost-effective realization of small structural feature sizes, smooth surface finishes, and other enabling heat exchanger characteristics; and The refinement and application of advanced design methodologies to leverage new material capabilities while incorporating manufacturing constraints.

Required concept papers are due September 12, 2018. Approximately \$25 million is available to support multiple awards.

LINKS:

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

High Intensity Thermal Exchange through Materials and Manufacturing Processes (SBIR/STTR)
Department of Energy (Energy), Advanced Research Projects Agency Energy

Notice supporting applications for small businesses working to develop novel approaches and technologies for design topologies, materials, and manufacturing of high temperature, high pressure, and highly compact heat exchangers. Funds target heat exchangers to operate in environments where temperatures and pressures are simultaneously in excess of 800°C and 80 bar, with operating lifetimes of tens of thousands of hours. These heat exchangers must offer superior thermal performance and low pumping power requirements, and must also be cost competitive and durable. Focus areas include: The identification and development of materials capable of withstanding extreme temperature and pressure conditions while featuring attractive thermo-mechanical and manufacturability properties; Advances in additive and/or subtractive manufacturing techniques to enable the cost-effective realization of small structural feature sizes, smooth surface finishes, and other enabling heat exchanger characteristics; and The refinement and application of advanced design methodologies to leverage new material capabilities while incorporating manufacturing constraints. IHEs may partner.

Required concept papers are due September 12, 2018. Approximately \$10 million is available to support multiple awards.

LINKS:

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

Young Faculty Award

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Defense Sciences Office (DSO)

Notice seeking applications to support efforts to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense and National Security challenges and needs. Applicants must be current tenure-track Assistant or

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Associate Professors and to tenured Assistant or Associate Professors within three years of their tenure appointment. Focus areas include: Biologically inspired GPS-denied navigation; Enhancing Prophylactic Immunity and the Immune Response; Plant Bio-mining System; Bioaccelerants; Quantum inspired classical optical computing; The Biology of Team Performance; Smart City Sensing for Chemical and Explosive Threat Detection and Identification; Bio-inspired modeling of resilience and efficiency in complex systems; Quantifying Software Vulnerability Longevity; Hybrid Intelligent Agents; Complete Logic Erasure And Recovery; Validating Type Consistency of Semi-Structured Data; Device-centric Detection of Security and Privacy Attacks Against Cellular Networks; . Instinctual Radio Frequency (RF) Adaptive Circuits, Devices & Materials; New Materials for Efficient Nonlinear Integrated Photonics; Multi-Functional Materials for Additive Manufacturing; Integrating Infrared Devices on Substrates with Low Dislocation Densities Using Low-cost Fabrication Technologies; Compact Planar Ultra broadband Array Antenna; Non-foster Circuit Synthesis; Integrated Analog Photonics; Learning to Become Skilled at Tasks; Predictive Vision; Assessing the Reliability of Structural Systems Undergoing Intense Multi-Physics Loading Typical of Sustained Hypersonic Flight; Health Monitoring of High Speed Propulsion Systems; and Dynamic Network Modeling for On-orbit Servicing, Assembly, and Manufacturing.

Optional executive summaries due September 10, 2018. Applications are due November 13, 2018. Multiple awards are anticipated.

Limited Submission:

Proposing PIs are limited to submitting only one full proposal to only one topic

LINKS:

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

Climate Program Office FY 2019

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

Notice seeking applications that advances scientific understanding, monitoring, and prediction of climate and its impacts, to enable effective decisions through investments at NOAA labs, service lines and Cooperative Institutes, as well as non-governmental organizations, the private sector and the university community. These investments are key to NOAA's mission of "Science, Service, and Stewardship" and are guided by the agency's vision to create and sustain enhanced resilience in ecosystems, communities, and economies.

Encouraged letters of intent are due September 10, 2018. Applications are due November 20, 2018. Approximately \$11.25 million is available to support 90 awards.

LINKS:

[Grants.gov](#)

Energy Technology Innovation

Department of Energy (Energy)

Notice seeking applications from researchers in the physical sciences and energy technologies with early stage innovations to receive support from the Argonne National Laboratory in developing those innovations. Additionally, the Department of Energy's Office of Energy Efficiency and Renewable Energy will provide an Oak Ridge Institute for Science and Education fellowship to the selected innovators for the first year, with the possibility for support for a total of up to 2 years through this program. It is expected that the period of fellowship support of the innovator to be coincident with the period of performance for the supported research at Argonne.

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Applications are due October 31, 2018. Four to five awards are anticipated.

LINKS:

[FBO](#)

Innovative Design Concepts for Standard Modular Hydropower and Pumped-Storage Hydropower
Department of Energy (Energy), Water Power Technologies Office (WPTO)

Notice seeking applications to ensure that they continue to generate clean electricity and contribute to the reliability and resiliency of the U.S. electric system. WPTO is committed to lowering the cost and build time of hydropower and pumped storage systems, further increasing their ability to provide essential reliability services and contribute to the resilience of the grid, and continuing to reduce their environmental impacts and permitting timelines.

Applications are due November 30, 2018. Approximately \$9 million is available to support up to 14 awards.

LINKS:

[Grants.gov](#)

Learning with Less Labels (LwLL)

Defense Advanced Research Projects Agency (DARPA), Department of Defense (Defense), Information Innovation Office

Notice seeking proposals to make the process of training machine learning models more efficient by reducing the amount of labeled data required to build a model by six or more orders of magnitude, and by reducing the amount of data needed to adapt models to new environments to tens to hundreds of labeled examples.

Abstracts are due August 21, 2018. Proposals are due October 2, 2018. Multiple awards are anticipated.

LINKS:

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

NASA Announcement of New Program Element Appendix added to Third Stand Alone Missions of Opportunity Notice (SALMON-3) entitled: Appendix L: 2018 Heliophysics Technology Demonstration Mission of Opportunity
National Aeronautics and Space Administration (NASA)

Notice seeking proposals for spaceflight demonstration of innovative medium Technology Readiness Level (mid-TRL) technologies that enable significant advances in NASA's Heliophysics Science Objectives and Goals.

Notification proposals are due September 10, 2018. Full proposals are due November 5, 2018.

LINKS:

[FBO](#)

Release of the 2018 Heliophysics Science Mission of Opportunity Program Element Appendix (PEA) M to the Third Stand Alone Missions of Opportunity Notice (SALMON-3) for proposal bids
National Aeronautics and Space Administration (NASA)

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Notice seeking proposals for modest heliophysics investigations requiring space flight that advance the high priority science and technology objectives of NASA's Science Mission Directorate. Three Mission of Opportunity types may be proposed in response to this PEA: Partner Missions of Opportunity, which may include CubeSats and International Space Station payloads; New Missions using Existing Spacecraft; and Small Complete Missions (SCMs). SCMs include investigations on the International Space Station, commercial hosted payloads, CubeSats or suborbital-class missions (an investigation requiring flight on a high-altitude scientific balloon platform (e.g. Super Pressure Balloon, Long-Duration Balloon, or on a suborbital Reusable Launch Vehicle).

Applications are due September 17, 2018. Multiple awards are anticipated. Funding levels vary by project type.

LINKS:

[FBO](#), [Solicitation](#)

Remote Sensing Applications Broad Agency Announcement (BAA) Call 3
Department of Defense (Defense)

Notice seeking proposals for research on advanced technologies to enhance processing of space-based remote sensor mission data and dissemination of the resulting information products.

Proposals are due September 20, 2018 at 12:00 p.m. PT. Approximately \$7 million is available to fund up to five awards.

LINKS:

[FBO](#)

FIFRA Scientific Advisory Panel; Notice of Public Meeting and Request for Nomination of Ad Hoc Expert Members

Environmental Protection Agency (EPA)

Notice announcing a meeting and request for nominations for the Federal Insecticide, Fungicide, and Rodenticide Act Scientific Advisory Panel to consider and review the Evaluation of a Proposed Approach to Refine the Inhalation Risk Assessment for Point of Contact Toxicity: A Case Study Using a New Approach Methodology. Preceding the in-person meeting, there will be a half-day virtual preparatory meeting to consider and review the clarity and scope of the meeting's draft charge questions.

Nominations for the Panel must be submitted by September 7, 2018. The meeting will be held on December 4, 5, 6, and 7, 2018 from approximately 9:00 a.m. to 5:00 p.m. ET at the Environmental Protection Agency, Conference Center, Lobby Level, One Potomac Yard (South Bldg.), 2777 S. Crystal Dr., Arlington, VA.

LINKS:

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

NASA Advisory Council; Aeronautics Committee; Meeting.

National Aeronautics and Space Administration (NASA)

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Notice announcing a meeting of the Aeronautics Committee of the NASA Advisory Council to discuss urban air mobility strategy; unmanned air systems updates; and low boom flight demonstrator updates.

The meeting will be held August 28, 2018 from 10:00 a.m. to 5:00 p.m. PT at the NASA Ames Research Center, NASA Ames Conference Center, Building 3, 500 Severyns Road, North Wing Room, Moffett Field, CA.

LINKS:

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

NASA Advisory Council; Human Exploration and Operations Committee; Meeting.

National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Human Exploration and Operations Committee of the NASA Advisory Council to discuss Status of Human Exploration and Operations; the International Space Station; Exploration Systems Development; Commercial Crew and Launch Readiness Process; Gateway and Cis-Lunar Activities; and Transformative Lunar Science.

The meeting will be held August 27, 2018 from 10:00 a.m. to 5:00 p.m. and August 28, 2018 from 8:00 a.m. to 2:45 p.m. PT at the NASA Ames Research Center, NASA Ames Conference Center, Building 3, 500 Severyns Road, Ballroom Meeting Room, Moffett Field, CA. Teleconference and web conference options are available.

LINKS:

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

NASA Advisory Council; Science Committee; Meeting

National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Science Committee of the NASA Advisory Council for the purpose of soliciting, from the scientific community and other persons, scientific and technical information relevant to program planning.

The meeting will be held August 27, 2018 from 8:00 a.m. to 5:00 p.m. and August 28, 2018 from 8:00 a.m. to 2:45 p.m. PT at the NASA Ames Research Center, NASA Ames Conference Center, Building 3, 500 Severyns Road, Moffett Field, CA. Teleconference and web conference options are available.

LINKS:

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

NASA Advisory Council; Technology, Innovation and Engineering Committee; Meeting

National Aeronautics and Space Administration (NASA)

Notice announcing a meeting of the Technology, Innovation and Engineering Committee of the NASA Advisory Council with the following agenda: Space Technology Mission Directorate Update and Discussion; Autonomous Systems Capability Overview; Solar Electric Propulsion Update; Office of the

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Chief Technologist Update; Annual Ethics Training Briefing; In-Space Robotic Manufacturing and Assembly Projects Update; and Center for the Utilization of Biological Engineering for Space Update.

The meeting will be held August 28, 2018 from 8:00 a.m. to 5:00 p.m. PT at the NASA Ames Research Center, NASA Ames Conference Center, Building 3, 500 Severyns Road, Mezzanine Room, Moffett Field, CA. Web and teleconference options are available.

LINKS:

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

National Aeronautics and Space Administration {NASA} Opportunity Notice to Participate in Its Centennial Challenges Program as an Allied Organization

National Aeronautics and Space Administration (NASA)

Notice seeking concepts for future Challenge Competitions within the framework of the NASA Centennial Challenges Program to stimulate innovation in basic and applied research, technology development, and prototype demonstration that have the potential for application to the performance of the space and aeronautical activities of NASA. Submissions will be considered a sign of interest in future participation of Challenge Competitions. This is a request for information and no funding is currently available.

Responses are due August 16, 2018.

LINKS:

[FBO](#)