

Funding Opportunity Announcements 9/8/16

Campus wide

[Dept. of the Interior, National Park Service: 2017 Preservation Technology and Training Grants](#)

POSTED: September 2, 2016

DEADLINE: November 3, 2016

Funding Instrument Type: Grant

2017 Preservation Technology and Training Grants (PTT Grants) are intended to create better tools, better materials, and better approaches to conserving buildings, landscapes, sites, and collections. The PTT Grants are administered by the National Center for Preservation Technology and Training (NCPTT), the National Park Service's innovation center for the preservation community. PTT Grants will support the following activities: innovative research that develops new technologies or adapts existing technologies to preserve cultural resources (typically \$25,000 to \$40,000); specialized workshops or symposia that identify and address national preservation needs (typically \$15,000 to \$25,000); and how-to videos, mobile applications, podcasts, best practices publications, or webinars that disseminate practical preservation methods or provide better tools for preservation practice (typically \$5,000 to \$15,000). The maximum grant award is \$40,000.

Humanities

[Dept. of the Interior, National Park Service: Japanese American Confinement Sites Grant Program](#)

POSTED: September 1, 2016

DEADLINE: November 1, 2016

Funding Instrument Type: Grant

The Japanese American Confinement Sites Grant Program provides financial assistance to organizations and entities working to preserve historic Japanese American confinement sites and their history, for the preservation and interpretation of U.S. confinement sites where Japanese Americans were detained during World War II. The authorizing legislation for the program identifies up to \$38 million for the entire life of the grant program for projects to identify, research, evaluate, interpret, protect, restore, repair, and acquire historic confinement sites in order that present and future generations may learn and gain inspiration from these sites and that these sites will demonstrate the Nation's commitment to equal justice under the law (Public Law 109-441, 120 Stat. 3288; as amended by Public Law 111-88). Projects funded through the Japanese American Confinement Sites Grant Program must benefit one or more historic Japanese American confinement sites.

[Young Singers Foundation Accepting Applications for Women's Vocal Music Projects](#)

POSTED: September 2, 2016

DEADLINE: November 1, 2016

Funding Instrument Type: Grant

The Young Singers Foundation was created by Sweet Adelines International in 1992 to enrich the lives of young people through educational programs in vocal. As part of this mission, the foundation is accepting grant applications for projects that encourage education about and the performance of women's barbershop vocal music. Grant amounts will be determined on a project-by-project basis. Eligibility is limited to individuals, groups, or organizations sponsoring barbershop vocal music activities for young women.

[National Endowment for the Humanities \(NEH\): Dialogues on the Experience of War](#)

POSTED: September 2, 2016

DEADLINE: November 2, 2016

Funding Instrument Type: Grant

As a part of its current initiative, *Standing Together: The Humanities and the Experience of War*, NEH offers the Dialogues on the Experience of War program, which supports the study and discussion of important humanities sources about war, in the belief that these sources can help U.S. military veterans and others to think more deeply about the issues raised by war and military service. The humanities sources can be drawn from history, philosophy, literature, and film—and they may and should be supplemented by testimonials from those who have served. The discussions are intended to promote serious exploration of important questions about the nature of duty, heroism, suffering, loyalty, and patriotism. The program awards grants of up to \$100,000 that will support 1) the recruitment and training of discussion leaders; and 2) following the training program, the convening of at least two discussion programs. The discussion programs can take place on college and university campuses, in veterans' centers, at public libraries and museums, and at other community venues. Most of the participants in the discussion programs should be military veterans; others, such as men and women in active service, military families, and interested members of the public, may participate as well.

[National Endowment for the Humanities \(NEH\): Digital Humanities Advancement Grants](#)

POSTED: September 6, 2016

DEADLINE: January 11, 2017

Funding Instrument Type: Grant

Digital Humanities Advancement Grants (DHAG) support digital projects throughout their lifecycles, from early start-up phases through implementation and long-term sustainability. Experimentation, reuse, and extensibility are hallmarks of this grant category, leading to innovative work that can scale to enhance research, teaching, and public programming in the humanities. This program combines the former Digital Humanities Start-Up Grants and Digital Humanities Implementation Grants programs; the combined program is offered twice per year. Proposals are welcome for digital initiatives in any area of the humanities. Through a special partnership, the Institute of Museum and Library Services (IMLS) anticipates providing additional funding to this program to encourage innovative collaborations between museum or library professionals and humanities professionals to advance preservation of, access to, use of, and engagement with digital collections and services. Through this partnership, IMLS and NEH may jointly fund some DHAG projects that involve collaborations with

museums and/or libraries. DHAG projects may involve creating or enhancing experimental, computationally-based methods or techniques that contribute to the humanities; pursuing scholarship that examines the history, criticism, and philosophy of digital culture and its impact on society, or explores the philosophical or practical implications and impact of digital humanities in specific fields or disciplines; or revitalizing and/or recovering existing digital projects that promise to contribute substantively to scholarship, teaching, or public knowledge of the humanities.

Social Sciences

[Dept. of State, International Narcotics and Law Enforcement Affair: Citizen Security through Neighborhood Watch](#)

POSTED: September 6, 2016

DEADLINE: November 5, 2016

Funding Instrument Type: Grant

This project seeks to expand and improve National Citizen Security through Neighborhood Watch Programs in Belize by creating and strengthening self-sustaining community neighborhood watch groups.

[National Institutes of Health \(NIH\): Engaging Youth and Young Adults from Health Disparity Populations in the HIV Treatment Cascade \(R01\)](#)

POSTED: September 7, 2016

DEADLINE: December 7, 2016

Funding Instrument Type: Grant

This initiative will support research projects that implement and test comprehensive service approaches to engage and retain youth and young adults (age 12-25 years) from health disparity populations in the HIV Treatment Cascade, which includes diagnosis, linkage to care, engagement in care, retention in care, initiation of antiretroviral therapy (ART), and achievement of viral suppression.

[Dept. of Health & Human Services, Health Resources and Services Administration \(HRSA\): Resilient and Responsive Health Organizations: Sustainability Communities of Practice Initiative \(RRHO\)](#)

POSTED: September 2, 2016

DEADLINE: December 15, 2016

Funding Instrument Type: Cooperative Agreement

This announcement solicits applications for the Resilient and Responsive Health Organizations: Sustainability Communities of Practice Initiative (RRHO). The purpose of the RRHO is to strengthen and ensure the sustainability of impact partners working under HRSA's Resilient and Responsive Health Systems Initiative (RRHS) (announcement HRSA-17-007 available at <http://www.grants.gov/web/grants/view-opportunity.html?oppld=284400>). The RRHS is a five-year program to address fundamental health systems constraints that impede the availability of and access to high quality health services related to infectious diseases like HIV/AIDS, malaria, and tuberculosis, and other priority health matters in the Democratic Republic of Congo (DRC), Liberia, Sierra Leone and South Sudan. The

foundational RRHS initiative aims to use public health approaches to support the implementation of countries' national health strategies and recovery plans, to respond to emerging epidemics, to prevent, manage and control HIV and other diseases, and to improve population health outcomes.

[Exploratory Clinical Trials and Studies of Natural Products in National Center for Complementary and Integrative Health \(NCCIH\) High Priority Research Topics \(R61/R33\)](#)

POSTED: September 1, 2016

DEADLINE: December 16, 2016

Funding Instrument Type: Grant

The goal of this funding opportunity announcement (FOA) is to support pilot testing of natural products (i.e., botanicals, dietary supplements, and probiotics), which have a strong scientific premise to justify further clinical testing. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support decisions about further development or testing of the natural product. This FOA is not intended to support a randomized controlled trial (RCT) to test the efficacy of the natural product on clinical outcomes. Rather, the data collected should be used to fill gaps in scientific knowledge and provide the information necessary to develop a competitive full-scale clinical trial.

[Dept. of Health & Human Services \(DHHS\), Agency for Health Care Research and Quality: Advances in Patient Safety through Simulation Research \(R18\)](#)

POSTED: September 6, 2016

DEADLINE: The next funding cycle's deadline is January 25, 2017.

Funding Instrument Type: Grant

The Agency for Healthcare Research and Quality (AHRQ) is interested in funding a diverse set of projects that develop, test and evaluate various simulation approaches for the purpose of improving the safe delivery of health care. Simulation in health care serves multiple purposes. As a training technique, it exposes individuals and teams to realistic clinical challenges through the use of mannequins, task trainers, virtual reality, standardized patients or other forms, and allows participants to experience in real-time the consequences of their decisions and actions. The principal advantage of simulation is that it provides a safe environment for health care practitioners to acquire valuable experience without putting patients at risk. Simulation also can be used as a test-bed to improve clinical processes and to identify failure modes or other areas of concern in new procedures and technologies that might otherwise be unanticipated and serve as threats to patient safety. Yet another application of simulation focuses on the establishment of valid and reliable measures of clinical performance competency and their potential use for credentialing and certification purposes. The foremost aim of the announcement is to advance patient safety.

[Dept. of Health & Human Services \(DHHS\), Agency for Health Care Research and Quality: Large Health Services Research Demonstration and Dissemination Projects for Combating Antibiotic-Resistant Bacteria \(CARB\)\(R18\)](#)

Dept. of Health & Human Services (DHHS), Agency for Health Care Research and Quality: Advances in Patient Safety through Simulation Research (R18)

POSTED: September 6, 2016

DEADLINE: The next funding cycle's deadline is January 25, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) solicits applications for grant funding to conduct Large Health Services Research Demonstration and Dissemination Projects (R18) focused on Combating Antibiotic-Resistant Bacteria (CARB) in the following ways: by promoting appropriate antibiotic use, reducing the transmission of resistant bacteria, and preventing healthcare-associated infections (HAIs) in the first place.

[Dept. of Health & Human Services \(DHHS\), Agency for Health Care Research and Quality: Large Research Projects for Combating Antibiotic-Resistant Bacteria \(CARB\) \(R01\)](#)

POSTED: September 6, 2016

DEADLINE: The next funding cycle's deadline is February 5, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) solicits applications for grant funding to conduct Large Research Projects (R01) focused on Combating Antibiotic-Resistant Bacteria (CARB) in the following ways: by promoting appropriate antibiotic use, reducing the transmission of resistant bacteria, and preventing healthcare-associated infections (HAIs) in the first place.

[American Psychological Foundation Issues RFP for Research on Gifted, Talented Youth](#)

POSTED: August 30, 2016

DEADLINE: March 1, 2017

Funding Instrument Type: Grant

The American Psychological Foundation, the charitable arm of the American Psychological Association, has issued a Request for Proposals for the 2017 Esther Katz Rosen Fund grants program. Established in 1974, the annual program is designed to enable and enhance the development of identified gifted and talented children and adolescents and to encourage promising psychologists to continue innovative research and programs in this area. Grants of up to \$50,000 will be awarded in support of activities focused on the advancement and application of knowledge related to gifted and talented children and adolescents, including research, pilot projects, research-based programs, and projects aimed at improving the quality of education in psychological science and its application in secondary schools for high-ability students.

Natural Sciences

[National Science Foundation \(NSF\): Ceramics \(CER\)](#)

POSTED: Updated August 31, 2016

DEADLINE: Proposals Accepted Anytime

Funding Instrument Type: Grant

This program supports fundamental scientific research in ceramics (e.g., oxides, carbides, nitrides and borides), glass-ceramics, inorganic glasses, ceramic-based composites and inorganic carbon-based materials. Projects should be centered on experiments; inclusion of computational and theory components are encouraged. The objective of the program is to increase fundamental understanding and to develop predictive capabilities for relating synthesis, processing, and microstructure of these materials to their properties and ultimate performance in various environments and applications. Research to enhance or enable the discovery or creation of new ceramic materials is welcome. Development of new experimental techniques or novel approaches to carry out projects is encouraged. Topics supported include basic processes and mechanisms associated with nucleation and growth of thin films; bulk crystal growth; phase transformations and equilibria; morphology; surface modification; corrosion, interfaces and grain boundary structure; and defects.

[National Science Foundation \(NSF\) Issues Dear Colleague Letter: Arctic Research Utilizing the Swedish Icebreaker ODEN](#)

POSTED: Updated August 31, 2016

DEADLINE: Proposals Accepted Anytime

Funding Instrument Type: Grant or Cooperative Agreement

Because of the many scientific and logistical challenges involved in Arctic research, NSF promotes international scientific collaboration as a means of increasing scientific progress and enhancing access for US researchers to the Arctic. NSF entered into an agreement with the Swedish Polar Research Secretariat (SPRS) to increase access to the Swedish Icebreaker ODEN for joint research cruises to include oceanography, marine geology and geophysics, atmospheric and sea ice studies and other research. NSF and SPRS co-sponsored a workshop hosted by SPRS to discuss near-term and long-term joint research interests. The workshop report is available on the SPRS website. A pilot study was carried out in 2015 on a 34-day research cruise to understand paleoceanography of the Petermann Glacier in northern Greenland. This Dear Colleague Letter provides guidance for U.S. scientists who will request support from the Division of Polar Programs to conduct research on a second research cruise planned for 2018. Swedish research projects are likely to support efforts outlined in the Swedish Road Map for Polar Research. U.S. investigators should propose studies consistent with the Arctic Research Opportunities solicitation to be performed from the ODEN working in the eastern Arctic Ocean or other areas outside of the Bering, Chukchi and Beaufort seas that are typically serviced by the USCGC HEALY and R/V SIKULIAQ. Proposals that contribute to the Year of Polar Prediction (YOPP) are also appropriate. Please contact Dr. Neil Swanberg to discuss ideas prior to submission and for the most up-to-date information on cruise plans.

[National Science Foundation \(NSF\): Condensed Matter and Materials Theory \(CMMT\)](#)

POSTED: Updated August 31, 2016

DEADLINE: Proposals Accepted Anytime

Funding Instrument Type: Grant

CMMT supports theoretical and computational materials research in the topical areas represented in the Division of Materials Research (DMR) core or individual investigator programs, which include: Condensed Matter Physics (CMP), Biomaterials (BMAT), Ceramics (CER), Electronic and Photonic Materials (EPM), Metals and Metallic Nanostructures (MMN), Polymers (POL), and Solid State and Materials Chemistry (SSMC). The program supports fundamental research that advances the conceptual understanding of hard and soft materials, and materials-related phenomena; the development of associated analytical, computational, and data-centric techniques; as well as predictive materials-specific theory, simulation, and modeling for materials research. The broad spectrum of research supported in CMMT includes first-principles, quantum many-body, statistical mechanics, classical and quantum Monte Carlo, and molecular dynamics methods. Computational efforts span from workstations to advanced and high-performance scientific computing. Emphasis is on approaches that begin at the smallest appropriate length scale, such as electronic, atomic, molecular, nano-, micro-, and mesoscale, required to yield fundamental insight into material properties, processes, and behavior, to predict new materials and states of matter, and to reveal new materials-related phenomena. Approaches that span multiple scales of length and time may be required to advance fundamental understanding of materials properties and phenomena, particularly for polymeric materials and soft matter.

[Dept. of Energy, Idaho Field Office: FY2017 Scientific Infrastructure Support for CINR Funding Opportunity Announcement](#)

POSTED: September 1, 2016

DEADLINE: November 23, 2016

Funding Instrument Type: Grant

The Department of Energy's (DOE) Office of Nuclear Energy (NE) conducts crosscutting nuclear energy research and development (R&D) and associated infrastructure support activities to develop innovative technologies that offer the promise of dramatically improved performance for advanced reactors and fuel cycle concepts while maximizing the impact of DOE resources. DOE intends to enable the education and training of nuclear scientists, engineers, and policy-makers in graduate and undergraduate study and two-year programs, as well as R&D that is relevant to the Department and the nuclear energy industry in general. The Nuclear Energy University Program (NEUP) utilizes up to 20 percent of funds appropriated to NE's R&D program for university-based infrastructure support and R&D in key NE program-related areas: Fuel Cycle Research and Development; Reactor Concepts Research, Development and Demonstration; and Nuclear Energy Advanced Modeling and Simulation. The infrastructure requested should be individual, discrete, and definable items or capabilities that will: support, maintain, or enhance the institutions' capacities to attract and teach high quality students interested in nuclear energy-related studies; build the institutions' research or education capabilities; or enhance the institutions' capacities to perform R&D that is relevant to DOE-NE's mission.

[National Institutes of Health \(NIH\): Engaging Youth and Young Adults from Health Disparity Populations in the HIV Treatment Cascade \(R01\)](#)

POSTED: September 7, 2016

DEADLINE: December 7, 2016

Funding Instrument Type: Grant

This initiative will support research projects that implement and test comprehensive service approaches to engage and retain youth and young adults (age 12-25 years) from health disparity populations in the HIV Treatment Cascade, which includes diagnosis, linkage to care, engagement in care, retention in care, initiation of antiretroviral therapy (ART), and achievement of viral suppression.

[National Science Foundation \(NSF\): Geophysics \(PH\)](#)

POSTED: Updated August 31, 2016

DEADLINE: The next funding cycle's deadline is December 9, 2016.

Funding Instrument Type: Grant

The Geophysics Program supports basic research in the physics of the solid earth to explore its composition, structure, and processes from the Earth's surface to its' deepest interior. Laboratory, field, theoretical, and computational studies are supported. Topics include (but are not limited to) seismicity, seismic wave propagation, and the nature and occurrence of geophysical hazards; the Earth's magnetic, gravity, and electrical fields; the Earth's thermal structure; and geodynamics. Supported research also includes geophysical studies of active deformation, including geodesy, and theoretical and experimental studies of the properties and behavior of Earth materials.

[Exploratory Clinical Trials and Studies of Natural Products in National Center for Complementary and Integrative Health \(NCCIH\) High Priority Research Topics \(R61/R33\)](#)

POSTED: September 1, 2016

DEADLINE: December 16, 2016

Funding Instrument Type: Grant

The goal of this funding opportunity announcement (FOA) is to support pilot testing of natural products (i.e., botanicals, dietary supplements, and probiotics), which have a strong scientific premise to justify further clinical testing. Under this FOA, trials must be designed so that results, whether positive or negative, will provide information of high scientific utility and will support decisions about further development or testing of the natural product. This FOA is not intended to support a randomized controlled trial (RCT) to test the efficacy of the natural product on clinical outcomes. Rather, the data collected should be used to fill gaps in scientific knowledge and provide the information necessary to develop a competitive full-scale clinical trial.

[National Institutes of Health \(NIH\): "High" or "Medium" Priority AIDS Research on Non-AIDS-defining or AIDS-defining Cancers \(R21\)](#)

POSTED: September 7, 2016

DEADLINE: The next funding cycle's deadline is January 7, 2017.

Funding Instrument Type: Grant

The purpose of this funding opportunity announcement (FOA) is to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of

malignancies observed in individuals with an underlying human immunodeficiency (HIV) infection or acquired immunodeficiency syndrome (AIDS), particularly the non-AIDS defining malignancies which are now a leading cause of death in HIV-infected individuals. This FOA encourages high or medium priority AIDS research in areas such as the study of the etiologic factors, cofactors, immunopathogenesis, diagnosis, and consequences of both non-AIDS defining and AIDS-defining malignancies in populations with an underlying HIV infection.

[National Institutes of Health \(NIH\): "High" or "Medium" Priority AIDS Research on Non-AIDS-defining or AIDS-defining Cancers \(R01\)](#)

POSTED: September 7, 2016

DEADLINE: The next funding cycle's deadline is January 7, 2017.

Funding Instrument Type: Grant

The purpose of this funding opportunity announcement (FOA) is to continue advancing our understanding of the risks, development, progression, diagnosis, and treatment of malignancies observed in individuals with an underlying human immunodeficiency (HIV) infection or acquired immunodeficiency syndrome (AIDS), particularly the non-AIDS defining malignancies which are now a leading cause of death in HIV-infected individuals. This FOA encourages high or medium priority AIDS research in areas such as the study of the etiologic factors, cofactors, immunopathogenesis, diagnosis, and consequences of both non-AIDS defining and AIDS-defining malignancies in populations with an underlying HIV infection.

[Dept. of Health & Human Services \(DHHS\), Agency for Health Care Research and Quality: Large Health Services Research Demonstration and Dissemination Projects for Combating Antibiotic-Resistant Bacteria \(CARB\)\(R18\)](#)

Dept. of Health & Human Services (DHHS), Agency for Health Care Research and Quality: Advances in Patient Safety through Simulation Research (R18)

POSTED: September 6, 2016

DEADLINE: The next funding cycle's deadline is January 25, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) solicits applications for grant funding to conduct Large Health Services Research Demonstration and Dissemination Projects (R18) focused on Combating Antibiotic-Resistant Bacteria (CARB) in the following ways: by promoting appropriate antibiotic use, reducing the transmission of resistant bacteria, and preventing healthcare-associated infections (HAIs) in the first place.

[Dept. of Health & Human Services \(DHHS\), Agency for Health Care Research and Quality: Large Research Projects for Combating Antibiotic-Resistant Bacteria \(CARB\) \(R01\)](#)

POSTED: September 6, 2016

DEADLINE: The next funding cycle's deadline is February 5, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) solicits applications for grant funding to conduct Large Research Projects (R01) focused on Combating Antibiotic-Resistant

Bacteria (CARB) in the following ways: by promoting appropriate antibiotic use, reducing the transmission of resistant bacteria, and preventing healthcare-associated infections (HAIs) in the first place.

[National Institutes of Health \(NIH\): T Cell Reagent Resource for the Study of Allergic Diseases \(U19\)](#)

POSTED: September 7, 2016

DEADLINE: March 3, 2017.

Funding Instrument Type: Cooperative Agreement

The purpose of this Funding Opportunity Announcement (FOA) is to support studies to understand the role of allergen epitope-specific T-cell responses in the pathogenesis and treatment of allergic diseases by utilizing allergen epitope-specific reagents. The FOA will also support novel T-cell epitope identification, characterization and validation of important food allergens and aeroallergens that have not been previously studied.