

Funding Opportunity Announcements 12.15.17

Student Affairs

[Substance Abuse and Mental Health Services Administration \(SAMHSA\): Networking, Certifying, and Training Suicide Prevention Hotlines and Disaster Distress Helpline \(Lifeline/DDH\)](#)

POSTED: December 7, 2017

DEADLINE: February 5, 2018

Funding Instrument Type: Cooperative Agreement

SAMHSA's Center for Mental Health Services (CMHS), is accepting applications for fiscal year (FY) 2018 Cooperative Agreement for Networking, Certifying, and Training Suicide Prevention Hotlines and the Disaster Distress Helpline. The purpose is to: (1) manage, enhance, and strengthen the National Suicide Prevention Lifeline (Lifeline) that routes individuals in the United States to a network of certified crisis centers that links to local emergency, mental health, and social services resources; and (2) support the National Disaster Distress Helpline (DDH) to assist residents in the United States and its territories who are experiencing emotional distress resulting from disasters and traumatic events. It is expected that this program will increase service capacity and improve behavioral health outcomes by preventing death or injury as a result of suicide and suicide attempts and assisting individuals and communities recover from disasters and traumatic events by providing community-based behavioral health outreach, referral to and engagement with treatment as necessary, and psycho-educational services.

Humanities

[National Endowment for the Humanities \(NEH\): Public Scholar Program](#)

POSTED: December 7, 2017

DEADLINE: February 7, 2018

Funding Instrument Type: Grant

The Public Scholar Program supports well-researched books in the humanities intended to reach a broad readership. Some humanities scholarship is necessarily specialized, but the humanities can also engage broad audiences in exploring subjects of general interest. Such scholarship might present a narrative history, tell the stories of important individuals, analyze significant texts, provide a synthesis of ideas, revive interest in a neglected subject, or examine the latest thinking on a topic. Books supported by this program must be grounded in humanities research and scholarship, making appropriate use of primary and/or secondary sources. They must also be written in a readily accessible style, addressing significant humanities themes in a way that will appeal to a large audience of general readers. Applications to write books directed primarily to scholars are not appropriate for this program. By establishing the Public Scholar Program, NEH has entered a long-term commitment to encourage scholarship in the humanities for general audiences. Projects may be at any stage of development.

[National Park Service: Shared Beringian Heritage Program 2018 Funding Call](#)

POSTED: December 11, 2017

DEADLINE: February 12, 2018

Funding Instrument Type: Cooperative Agreement

The National Park Service Shared Beringian Heritage Program (SBHP) recognizes and celebrates the unique natural resources and cultural heritage shared by Russia and the United States in the region known as Beringia. From the Kolyma River in the west to Alaska's border with the Yukon in the east, this region includes the people, the land, and the water that connected the continents of North America and Asia during the Pleistocene ice ages. The area provides unparalleled opportunities to study both earth and human history. The overall purpose of the SBHP is to advance local, national, and international understanding and preservation of the region's resources and to sustain the cultural vitality of its indigenous people. Specific programmatic goals are to a) Improve conservation, sustainability, and knowledge of the region's natural and cultural resources; b) Preserve subsistence opportunities and other historic traditions and practices; c) Interpret and communicate about the region's unique and internationally significant resources and values; and d) Provide opportunities for cultural connections and knowledge exchange.

[National Endowment of the Arts \(NEA\): Art Works I, FY2019](#)

POSTED: December 6, 2017

DEADLINE: February 15, 2018 (the second Art Works deadline is July 12, 2018)

Funding Instrument Type: Grant

Art Works is NEA's principal grants program. Through project-based funding, we support public engagement with, and access to, various forms of excellent art across the nation, the creation of art that meets the highest standards of excellence, learning in the arts at all stages of life, and the integration of the arts into the fabric of community life. Projects may be large or small, existing or new, and may take place in any part of the nation's 50 states, the District of Columbia, and U.S. territories. We encourage applications for artistically excellent projects that: celebrate America's creativity and cultural heritage; invite a dialogue that fosters a mutual respect for the diverse beliefs and values of all persons and groups; and enrich our humanity by broadening our understanding of ourselves as individuals and as a society. Grants generally will range from \$10,000 to \$100,000. In the past few years, well over half of the agency's grants have been for amounts less than \$25,000.

Limited Submission Note: An organization may submit only one application through one of the following FY 2019 categories: Art Works or Challenge America. If interested in responding to this funding opportunity, please contact Chief Research Officer Ed Katz to discuss.

[National Endowment for the Arts Accepting Applications for Challenge America Fast-Track Grants](#)

POSTED: December 8, 2017

DEADLINE: April 12, 2018

Funding Instrument Type: Grant

The National Endowment for the Arts is accepting applications to its Challenge America Fast-Track grants program. Through the program, grants of \$10,000 will be awarded to projects designed to extend the reach of the arts to underserved populations, including those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. A minimum \$10,000 match from an outside funder is required.

Applicants are encouraged to consider partnerships among organizations, both in and outside the arts, as appropriate to their project.

Limited Submission Note: An organization may submit only one application through one of the following FY 2019 categories: Art Works or Challenge America. If interested in responding to this funding opportunity, please contact Chief Research Officer Ed Katz to discuss.

Social Sciences

[NIH: Cancer Research Education Grants Program - Curriculum or Methods Development \(R25\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are January 25, 2018; May 25, 2018; and September 25, 2018.

Funding Instrument Type: Grant

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients, in accordance with the overall mission of the NCI.

[NIH: Cancer Research Education Grants Program - Research Experiences \(R25\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are January 25, 2018; May 25, 2018; and September 25, 2018.

Funding Instrument Type: Grant

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Research Experiences. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients, in accordance with the overall mission of the NCI.

[NIH: Cancer Research Education Grants Program - Courses for Skills Development \(R25\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are January 25, 2018; May 25, 2018; and September 25, 2018.

Funding Instrument Type: Grant

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients.

[Dept. of Justice: Office on Violence Against Women \(OVW\) FY 2018 Legal Assistance for Victims Grant Program Solicitation](#)

POSTED: December 7, 2017

DEADLINE: February 1, 2018

Funding Instrument Type: Cooperative Agreement

The Legal Assistance for Victims (LAV) Grant Program is intended to increase the availability of civil and criminal legal assistance needed to effectively aid adult and youth victims of sexual assault, domestic violence, dating violence, and stalking who are seeking relief in legal matters relating to or arising out of that abuse or violence, at minimum or no cost to the victims. LAV Grant Program funds may not be used to provide criminal defense services. Grant funds may be used to provide direct legal services to victims of sexual assault, domestic violence, dating violence, and stalking in matters relating to or arising out of that abuse or violence. The objective of the LAV Grant Program is to develop innovative, collaborative projects that provide quality representation to victims of sexual assault, domestic violence, dating violence, and stalking.

[Health Resources and Services Administration \(HRSA\): Bright Futures Pediatric Implementation Program](#)

POSTED: December 5, 2017

DEADLINE: February 5, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of the Bright Futures Pediatric Implementation (BFPI) cooperative agreement is to improve health outcomes for the nation's infants, children, and adolescents by increasing the quality of primary and preventive care through the use of age-specific, evidence-driven clinical guidelines. The BFPI Program achieves this goal by spreading use of the Bright Futures Guidelines, which reflect consensus among primary health care experts on the latest, state-of-the-art design for preventive checkups. The Bright Futures Periodicity Schedule has been determined to be part of the evidence-informed preventive care and screenings for infants, children, and adolescents provided for in the HRSA-supported comprehensive guidelines under section 2713(a)(3) of the Public Health Service Act, 42 U.S.C. 300gg-13(a)(3). Under this provision, non-grandfathered group health plans and health insurance issuers must provide coverage of such preventive care and screenings without a co-payment or deductible.

[NIH: National Institute of Neurological Disorders and Stroke \(NINDS\) Advanced Postdoctoral Career Transition Award to Promote Diversity in Neuroscience Research \(K22\) - Clinical Trial Not Allowed and K22 \(Clinical Trial Required\)](#)

POSTED: December 4, 2017

DEADLINE: Upcoming funding cycle deadlines are February 12, 2018; June 12, 2018; and October 12, 2018.

Funding Instrument Type: Grant

The NINDS Advanced Postdoctoral Career Transition Award to Promote Diversity is designed to enhance the participation of highly trained early career investigators from diverse backgrounds underrepresented in neuroscience research. This opportunity provides individuals from diverse backgrounds with strong training in neuroscience with the resources and tools that will help facilitate a transition to a stable and productive independent research position. Individuals from diverse backgrounds underrepresented in neuroscience research are eligible for support under this award if they have doctoral research degrees (Ph.D., Ph.D./M.D. or equivalent) and between 2 and 5 years of postdoctoral prior research training at the time of application. The primary objectives of this Funding Opportunity Announcement (FOA) are to: (1) assist talented scientists from underrepresented groups to transition from postdoctoral training to a secure, independent research position and (2) enhance the conditions that promote establishing a strong and innovative independent program of research.

[NIH: NINDS Faculty Development Award to Promote Diversity in Neuroscience Research \(K01\) - Clinical Trial Not Allowed and Clinical Trial Required](#)

POSTED: December 7, 2017

DEADLINE: Upcoming funding cycle deadlines are February 12, 2018; June 12, 2018; and October 12, 2018.

Funding Instrument Type: Grant

The purpose of the NINDS Faculty Development Award to Promote Diversity in Neuroscience Research (K01) is to diversify the pool of independent neuroscience research investigators by providing junior faculty with research cost support, protected research time and career stage appropriate professional development mentorship in neuroscience research. Individuals from backgrounds underrepresented in biomedical research are eligible for support under this award if they have doctoral research degrees (Ph.D. or equivalent) and are in the first 3 years of a faculty tenure track or equivalent position at the time of award.

[National Park Service: Shared Beringian Heritage Program 2018 Funding Call](#)

POSTED: December 11, 2017

DEADLINE: February 12, 2018

Funding Instrument Type: Cooperative Agreement

The National Park Service Shared Beringian Heritage Program (SBHP) recognizes and celebrates the unique natural resources and cultural heritage shared by Russia and the United States in the region known as Beringia. From the Kolyma River in the west to Alaska's border with the Yukon in the east, this region includes the people, the land, and the water that connected the continents of North America and Asia during the

Pleistocene ice ages. The area provides unparalleled opportunities to study both earth and human history. The overall purpose of the SBHP is to advance local, national, and international understanding and preservation of the region's resources and to sustain the cultural vitality of its indigenous people. Specific programmatic goals are to a) Improve conservation, sustainability, and knowledge of the region's natural and cultural resources; b) Preserve subsistence opportunities and other historic traditions and practices; c) Interpret and communicate about the regions unique and internationally significant resources and values; and d) Provide opportunities for cultural connections and knowledge exchange.

[Substance Abuse and Mental Health Services Administration \(SAMHSA\): Minority Fellowship Program](#)

POSTED: December 12, 2017

DEADLINE: February 12, 2018

Funding Instrument Type: Cooperative Agreement

The Substance Abuse and Mental Health Services Administration (SAMHSA), Centers for Mental Health Services (CMHS), Substance Abuse Treatment (CSAT), and Substance Abuse Prevention (CSAP) are accepting applications for the fiscal year (FY) 2018 Minority Fellowship Program (Short Title: MFP). The purpose of this program is to: (1) increase the knowledge of mental and/or substance use disorder behavioral health professionals on issues related to prevention, treatment, and recovery support for individuals who are from racial and ethnic minority populations and have a mental or substance use disorder; (2) improve the quality of mental and substance use disorder prevention and treatment services delivered to racial and ethnic minority populations; and (3) increase the number of culturally competent mental and substance use disorders professionals who teach, administer services, conduct research, and provide direct mental and/or substance use disorder services to racial and ethnic minority populations. It is expected that MFP will reduce behavioral health disparities and improve health care outcomes for racial and ethnic minority populations.

[Administration for Community Living: Switzer Research Fellowships Program](#)

POSTED: December 13, 2017

DEADLINE: February 12, 2018

Funding Instrument Type: Fellowship

The purpose of the Research Fellowships Program is to build research capacity by providing support to highly qualified individuals, including those who are individuals with disabilities, to conduct research on the rehabilitation of individuals with disabilities. Fellows must conduct original research in an area authorized by section 204 of the Rehabilitation Act of 1973, as amended. Section 204 authorizes research, demonstration projects, training, and related activities, the purposes of which are to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Act.

[Centers for Disease Control & Prevention: Understanding and Addressing the Disparity in Vaccination Coverage Among U.S. Adolescents Living in Rural Versus Urban Areas](#)

POSTED: December 5, 2017

DEADLINE: February 13, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of this notice of funding opportunity (NOFO) is to: 1) obtain a better understanding of the factors contributing to disparities in vaccination coverage observed between adolescents living in rural areas compared to adolescents living in urban areas within the United States for all recommended vaccines, with a special emphasis on human papilloma virus (HPV) vaccine; and 2) implement and evaluate an intervention(s) to improve vaccination coverage among adolescents living in rural areas.

[Klingenstein Fund Invites Applications for Neuroscience Fellowships](#)

POSTED: November 29, 2017

DEADLINE: February 15, 2018

Funding Instrument Type: Fellowship

The Esther A. & Joseph Klingenstein Fund, in partnership with the Simons Foundation, has announced the opening of its 2018 competition for research fellowships in the neurosciences. The awards are presented to highly promising early-career scientists. At a critical juncture in young investigators' careers when funding can be a challenge, the awards are intended to promote higher-risk, and potentially higher-reward, projects. Payable over three years, the \$225,000 award may be used for salary support, research assistants, equipment, or any other purpose that promotes the scientific activities of the fellow. To be eligible, investigators must hold a PhD and/or MD degree and have completed all their research training, including postdoctoral training. In addition, the applicant must be an independent investigator within four years (between July 1, 2014, and July 1, 2018) of receiving his/her first tenure-track appointment at a university or medical institution.

[NIH: Pilot Studies to Test the Initiation of a Mental Health, Family Navigator Model to Promote Early Access, Engagement and Coordination of needed Mental Health Services for Children and Adolescents \(R34-Clinical Trial Required\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are February 16, 2018; June 16, 2018; and October 16, 2018.

Funding Instrument Type: Grant

The purpose of this Funding Opportunity Announcement (FOA) is to encourage research applications to develop and pilot test the effectiveness and implementation of family navigator models designed to promote early access, engagement and coordination of mental health treatment and services for children and adolescents who are experiencing early symptoms of mental health problems. For the purposes of this FOA, NIMH defines a family navigator model as a health care professional or paraprofessional whose role is to deploy a set of strategies designed to rapidly engage youth and families in needed treatment and services, work closely with the family and other involved treatment and service providers to optimize care and monitor the trajectory of mental health symptoms and outcomes over time. Applicants are

encouraged to develop and pilot test the navigator models ability to promote early access, engagement and coordination of mental health treatment and services for children and adolescents as soon as symptoms are detected. Of interest are navigator models that coordinate needed care strategies, determine the personalized match to the level of needed service amount, frequency and intensity, and harness novel technologies to track and monitor the trajectory of clinical, functional and behavioral progress toward achieving intended services outcomes.

[NIH: Pilot Effectiveness Trials for Post-Acute Interventions and Services to Optimize Longer-Term Outcomes \(R34-Clinical Trials Required\)](#)

POSTED: December 6, 2017

DEADLINE: Upcoming funding cycle deadlines are February 16, 2018; June 16, 2018; and October 16, 2018.

Funding Instrument Type: Grant

The National Institute of Mental Health (NIMH) seeks applications for pilot effectiveness projects to evaluate the preliminary effectiveness of therapeutic and service delivery interventions for the post-acute management of mental health conditions that are matched to the stage of illness in terms of both their focus (e.g., consolidating and maintaining gains from initial treatment, managing residual symptoms/impairment, preventing relapse, promoting adherence and appropriate service use) and intensity/burden. In this pilot phase of effectiveness research, the trial should be designed to evaluate the feasibility, tolerability, acceptability, safety, and potential effectiveness of the approach; to address whether the intervention engages the target(s)/mechanisms(s) that is/are presumed to underlie the intervention effects; and to obtain preliminary data needed as a pre-requisite to a larger-scale effectiveness trial (e.g., comparative effectiveness study, practical trial) designed to definitely test the effectiveness of interventions to improve post-acute outcomes. This FOA supports pilot effectiveness research to evaluate the feasibility, tolerability, acceptability, safety and preliminary indications of effectiveness of post-acute phase intervention approaches and inform the design of definitive effectiveness trials.

[NIH: Using Information Technology to Support Systematic Screening and Treatment of Depression in Cancer \(R21 Clinical Trial Optional\)](#)

POSTED: December 11, 2017

DEADLINE: Upcoming funding cycle deadlines are February 16, 2018; June 16, 2018; and October 16, 2018.

Funding Instrument Type: Grant

This funding opportunity announcement (FOA) encourages research to understand how information technology (IT) can support systematic screening and treatment of depression in cancer patients in a variety of oncology practice settings. The goals of this FOA are to: identify new, IT-enabled delivery models that support systematic screening and treatment of depression in cancer patients; test the feasibility of implementing these new delivery models in a variety of oncology practice settings, especially those serving under-served populations; and test the effectiveness of these new delivery models, and their components, in a variety of oncology practice settings, especially those serving under-served populations.

[Centers for Disease Control & Prevention: Economic Studies of Immunization Policies and Practices](#)

POSTED: December 7, 2017

DEADLINE: February 21, 2018

Funding Instrument Type: Grant

The purpose of this project is to obtain economic information about vaccines and immunization policies, programs, and practices using economic and decision analyses and other appropriate methods. The results of up to four economic studies will be used to help inform policy and the development of effective interventions. These studies will provide better understanding of the costs and benefits to relevant populations of health interventions related to vaccine-preventable diseases, as well as those diseases with potential vaccines in development.

[National Science Foundation \(NSF\): Critical Resilient Interdependent Infrastructure Systems and Processes \(CRISP 2.0\)](#)

POSTED: December 6, 2017

DEADLINE: March 7, 2018

Funding Instrument Type: Grant

Critical infrastructures are the mainstay of our nation's economy, security and well-being. Many of the critical infrastructures are interconnected and even interdependent. This solicitation calls for integrated research on Interdependent Critical Infrastructures (ICIs) by interdisciplinary teams of engineers and social, behavioral, and economic scientists. Research funded through this program is expected to provide the momentum to create a new science of integrative designs in ICIs, to stimulate economic growth, and to inform how communities can engage diverse resources to improve the quality of life for their inhabitants. The goals of the CRISP 2.0 solicitation are to: (1) foster an interdisciplinary research community of engineers and social, behavioral, and economic (SBE) scientists who work synergistically together for innovation in the design and management of infrastructures as processes and services; (2) transform relevant fields by re-thinking ICIs as processes and services that may have complementary and/or substitutional roles with each other; (3) create innovations in ICIs that contribute directly and positively to people's quality of life, spur economic growth, and respond to both internal perturbations and external shocks, regardless of whether they are natural, technological or human-induced. Proposals must broadly integrate engineering and social, behavioral and/or economic sciences. Therefore, proposals that do not have at least one social, behavioral, and economic (SBE) scientist and one engineer on the team will be returned without review. Additionally, PIs are also encouraged to incorporate complementary perspectives from other disciplines such as computing and data science, ecology, seismology, and statistics.

Natural Sciences

[A Kids' Brain Tumor Cure Accepting LOIs for PLGA Tumor Research](#)

POSTED: December 5, 2017

DEADLINE: Investigators are invited to submit a Letter of Intent at any time during the year. Upon review, selected applicants will be invited to submit a full proposal. Investigators in the early portion of their career are encouraged to apply.

Funding Instrument Type: Grant

A Kids Brain Tumor Cure is a national nonprofit organization founded in 2007 by a group of dedicated parents, physicians, and friends to improve the treatment, quality of life, and long-term outlook for children with brain tumors. The number-one priority of the organization is to encourage investigators worldwide to turn their attention to the area of pediatric low-grade glioma (PLGA) brain tumor research and award research grants for the most promising programs and studies. It is hoped that the research will lead to a better understanding of the causes of PLGA, as well as the discovery of more effective treatments and a cure for the most common forms of pediatric brain tumors. To that end, the foundation is accepting Letters of Intent for basic and translational projects with potential to advance understanding of the underlying biology of the development and treatment of PLGA tumors. Grant amounts will be based on the size, impact, and complexity of the project, while funding will be awarded over a one-, two-, or three-year period.

[National Science Foundation \(NSF\): Re-entry to Active Research Program \(RARE\)](#)

POSTED: December 8, 2017

DEADLINE: Proposals accepted anytime

Funding Instrument Type: Grant

The Division of Chemical, Bioengineering, Environmental, and Transport Systems (CBET) is conducting a Re-entry to Active Research (RARE) program to reengage, retrain, and broaden participation within the academic workforce. The primary objective of the RARE program is to catalyze the advancement along the academic tenure-track of highly meritorious individuals who are returning from a hiatus from active research. A RARE research proposal must describe potentially transformative research that falls within the scope of participating CBET programs. The RARE program includes two Tracks to catalyze the advancement of investigators along the academic tenure system after a research hiatus, either to a tenure-track position or to a higher-tenured academic rank. Track 1 of the RARE program reengages investigators in a competitive funding opportunity with accommodations for gap in record that are a result of the research hiatus. Track 2 retrains investigators for whom the research hiatus has led to the need for new or updated techniques, such that retraining is required to return the investigator to competitive research activity. A description of how these new techniques will lead to competitive research in CBET programs is required.

[NIH: Cancer Research Education Grants Program - Curriculum or Methods Development \(R25\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are January 25, 2018; May 25, 2018; and September 25, 2018.

Funding Instrument Type: Grant

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to

support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients, in accordance with the overall mission of the NCI.

[NIH: Cancer Research Education Grants Program - Research Experiences \(R25\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are January 25, 2018; May 25, 2018; and September 25, 2018.

Funding Instrument Type: Grant

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Research Experiences. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, and treatment of cancer, rehabilitation from cancer, and the continuing care of cancer patients and the families of cancer patients, in accordance with the overall mission of the NCI.

[NIH: Cancer Research Education Grants Program - Courses for Skills Development \(R25\)](#)

POSTED: December 5, 2017

DEADLINE: Upcoming funding cycle deadlines are January 25, 2018; May 25, 2018; and September 25, 2018.

Funding Instrument Type: Grant

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NCI R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nations biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development. Applications are encouraged that propose innovative, state-of-the-art programs that address the cause, diagnosis, prevention, or treatment of cancer, rehabilitation from cancer, or the continuing care of cancer patients and the families of cancer patients.

[NASA: ROSES 2017: Advancing Collaborative Connections for Earth System Science](#)

POSTED: December 8, 2017

DEADLINE: January 31, 2018

Funding Instrument Type: Cooperative Agreement, Grant

This ROSES NRA solicits basic and applied research in support of NASA's Science Mission Directorate (SMD). The NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

[Dept. of Defense, DARPA: Configuration Security \(ConSec\)](#)

POSTED: December 11, 2017

DEADLINE: February 8, 2018

Funding Instrument Type: Cooperative Agreement, Procurement Contract

DARPA is soliciting innovative research proposals to develop technologies for automatically analyzing and improving the configuration of complex composed systems to reduce the attack surface while assuring expected behavior. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice.

[NIH: National Institute of Neurological Disorders and Stroke \(NINDS\) Advanced Postdoctoral Career Transition Award to Promote Diversity in Neuroscience Research \(K22\) - Clinical Trial Not Allowed and K22 \(Clinical Trial Required\)](#)

POSTED: December 4, 2017

DEADLINE: Upcoming funding cycle deadlines are February 12, 2018; June 12, 2018; and October 12, 2018.

Funding Instrument Type: Grant

The NINDS Advanced Postdoctoral Career Transition Award to Promote Diversity is designed to enhance the participation of highly trained early career investigators from diverse backgrounds underrepresented in neuroscience research. This opportunity provides individuals from diverse backgrounds with strong training in neuroscience with the resources and tools that will help facilitate a transition to a stable and productive independent research position. Individuals from diverse backgrounds underrepresented in neuroscience research are eligible for support under this award if they have doctoral research degrees (Ph.D., Ph.D./M.D. or equivalent) and between 2 and 5 years of postdoctoral prior research training at the time of application. The primary objectives of this Funding Opportunity Announcement (FOA) are to: (1) assist talented scientists from underrepresented groups to transition from postdoctoral training to a secure,

independent research position and (2) enhance the conditions that promote establishing a strong and innovative independent program of research.

[NIH: NINDS Faculty Development Award to Promote Diversity in Neuroscience Research \(K01\) - Clinical Trial Not Allowed and Clinical Trial Required](#)

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DEADLINE: Upcoming funding cycle deadlines are February 12, 2018; June 12, 2018; and October 12, 2018.

Funding Instrument Type: Grant

The purpose of the NINDS Faculty Development Award to Promote Diversity in Neuroscience Research (K01) is to diversify the pool of independent neuroscience research investigators by providing junior faculty with research cost support, protected research time and career stage appropriate professional development mentorship in neuroscience research. Individuals from backgrounds underrepresented in biomedical research are eligible for support under this award if they have doctoral research degrees (Ph.D. or equivalent) and are in the first 3 years of a faculty tenure track or equivalent position at the time of award.

[National Park Service: Shared Beringian Heritage Program 2018 Funding Call](#)

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[Klingenstein Fund Invites Applications for Neuroscience Fellowships](#)

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[Dept. of Transportation \(DOT\), Federal Highway Administration \(FHWA\): Advancing Concrete Pavement Technology Solutions](#)

POSTED: December 4, 2017

DEADLINE: February 15, 2018

Funding Instrument Type: Cooperative Agreement

The FHWA hereby requests applications for assistance to result in the award of one new Cooperative Agreement, entitled, "Advancing Concrete Pavement Technology Solutions." This Notice of Funding Opportunity (NOFO) is issued on a competitive basis to all eligible applicants per Section C, Eligible Applicants. The purpose of the proposed Agreement is to further an ongoing Pavement Technology Program, which includes the deployment of innovative technologies to improve pavement performance. A key area is the development and transfer of new technologies. It is necessary to deliver tools and guidance documents to States to support the increased knowledge of concrete materials, concrete pavement design, construction, and maintenance.

[NIH: Using Information Technology to Support Systematic Screening and Treatment of Depression in Cancer \(R21 Clinical Trial Optional\)](#)

POSTED: December 11, 2017

DEADLINE: Upcoming funding cycle deadlines are February 16, 2018; June 16, 2018; and October 16, 2018.

Funding Instrument Type: Grant

This funding opportunity announcement (FOA) encourages research to understand how information technology (IT) can support systematic screening and treatment of depression in cancer patients in a variety of oncology practice settings. The goals of this FOA are to: identify new, IT-enabled delivery models that support systematic screening and treatment of depression in cancer patients; test the feasibility of implementing these new delivery models in a variety of oncology practice settings, especially those serving under-served populations; and test the effectiveness of these new delivery models, and their components, in a variety of oncology practice settings, especially those serving under-served populations.

[NIH: NEI Audacious Goals Initiative: Translation-Enabling Models to Evaluate Survival and Integration of Regenerated Neurons in the Visual System \(U24 Clinical Trials Not Allowed\)](#)

POSTED: December 8, 2017

DEADLINE: February 21, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of this FOA is to stimulate development of translation-enabling models for evaluating survival and integration of regenerated photoreceptors (PRCs) and retinal ganglion cells (RGCs) in model systems that are closer to human visual anatomy, function and/or disease than current models. The development of these models, tools, devices, novel therapies and/or other resources is expected to provide a resource to vision researchers developing cell-replacement therapies for visual system diseases and disorders. This FOA seeks to develop models that emulate critical aspects of a human blinding disease that might be amenable to regenerative therapy. The model system might involve specific defects generated by transgenic gene insertion and/or deletion, gene editing, chemical/physical means, and/or other approaches to emulate characteristics of human disease or create defects amenable to cell-replacement therapy. An important aspect of this FOA is that the research team is expected to treat the loss of vision associated with the experimental model using an approach that involves regenerating PRCs and/or RGCs and their connections. The choice of cells for therapy might include adult stem cells, precursors, stem cell derived progenitor cells, or conversion of intrinsic cells such as glia.

[National Science Foundation \(NSF\): Critical Resilient Interdependent Infrastructure Systems and Processes \(CRISP 2.0\)](#)

POSTED: December 6, 2017

DEADLINE: March 7, 2018

Funding Instrument Type: Grant

Critical infrastructures are the mainstay of our nation's economy, security and well-being. Many of the critical infrastructures are interconnected and even interdependent. This solicitation calls for integrated research on Interdependent Critical Infrastructures (ICIs) by interdisciplinary teams of engineers and social, behavioral, and economic scientists. Research funded through this program is expected to provide the momentum to create a new science of integrative designs in ICIs, to stimulate economic growth, and to inform how communities can engage diverse resources to improve the quality of life for their inhabitants. The goals of the CRISP 2.0 solicitation are to: (1) foster an interdisciplinary research community of engineers and social, behavioral, and economic (SBE) scientists who work synergistically together for innovation in the design and management of infrastructures as processes and services; (2) transform relevant fields by re-thinking ICIs as processes and services that may have complementary and/or substitutional roles with each other; (3) create innovations in ICIs that contribute directly and positively to people's quality of life, spur economic growth, and respond to both internal perturbations and external shocks, regardless of whether they are natural, technological or human-induced. Proposals must broadly integrate engineering and social, behavioral and/or economic sciences. Therefore, proposals that do not have at least one social, behavioral, and economic (SBE) scientist and one engineer on the team will be returned without review. Additionally, PIs are also encouraged to incorporate complementary perspectives from other disciplines such as computing and data science, ecology, seismology, and statistics.

[NOAA, Dept. of Commerce: Climate and Societal Interactions](#)

POSTED: December 4, 2017

DEADLINE: March 16, 2018

Funding Instrument Type: Cooperative Agreement

The mission of the National Oceanic and Atmospheric Administration (NOAA) Climate and Societal Interactions (CSI) research portfolio is to inform improvements in planning and preparedness in diverse socio-economic regions and sectors throughout the U.S. and abroad via the integration of knowledge and information about extreme weather and climate. Our research advances the nation's understanding of climate-related risks and vulnerabilities across sectors and regions - within and beyond our borders - and the development of tools to foster more informed decision-making. Through this Announcement, CSI's activities are seeking applications for three individual competitions in FY 2018: the Regional Integrated Sciences and Assessment (RISA) Program; the Coastal and Ocean Climate Applications program (COCA); and the International Research and Applications Project (IRAP). RISA: South Central Region; COCA & RISA: Pilot on Coastal Climate Extension Competition; IRAP: Decision Support Research on Climate-Sensitive Health Risks. Prior to submitting applications, investigators are highly encouraged to learn more about CPO/CSI and its Programs, as well as specific Program priorities for FY 2018.

[Dept. of Energy \(DOE\): Systems Biology of Bioenergy-Relevant Microbes to Enable Production of Next-Generation Biofuels and Bioproducts](#)

POSTED: December 5, 2017

DEADLINE: March 23, 2018

Funding Instrument Type: Cooperative Agreement

The DOE-BER Genomic Science program supports basic research aimed at identifying the foundational principles that drive biological systems. These principles govern the translation of the genetic code into integrated networks of proteins, enzymes, regulatory elements, and metabolite pools that are the functional processes of organisms including microbes and multispecies communities relevant to DOE missions in energy and the environment. To address the DOE mission in sustainable Bioenergy development, the Genomic Science program brings omics-driven tools of modern systems biology to bear on the challenges associated with microbial production of advanced Biofuels and Bioproducts. Developing an increased understanding of how biological systems function and translating that knowledge to enhance the production capabilities of microbes and plants forms the basis of DOE's mission in sustainable Bioenergy. To harness the biosynthetic processing power of the microbial world for advanced Biofuels and Bioproducts production, an expanded set of platform organisms with appropriate metabolic capabilities and stress tolerance characteristics with a suite of modification tools will need to be developed. To foster this development, the DOE-BER Genomic Science program supports research aimed at understanding the principles that govern the functional properties of bioenergy relevant organisms at the genomic scale. This endeavor is highly interdisciplinary, spanning multiple fields in biology, systems biology, chemical and metabolic engineering, and computational biology.

[NIH: National Institute on Drug Abuse \(NIDA\) Translational Avant-Garde Award for Development of Medication to Treat Substance Use Disorders \(UG3/UH3, Clinical Trial Optional\)](#)

POSTED: December 6, 2017

DEADLINE: July 25, 2018

Funding Instrument Type: Cooperative Agreement

The purpose of this award is to support outstanding basic and/or clinical researchers with the vision and expertise to translate research discoveries into medications for the treatment of Substance Use Disorders (SUDs) stemming from tobacco, cannabis, cocaine, methamphetamine, heroin, or prescription opiate use. Eligible applicants must demonstrate the ability to develop molecules with the potential to treat SUDs and advance them in the drug development continuum. The ultimate goal of this FOA is to bring molecules closer to FDA approval.

[NASA Stennis Space Center: Dual Use Technology Development Cooperative Agreement Notice \(CAN\) 2018](#)

POSTED: December 6, 2017

DEADLINE: September 30, 2018

Funding Instrument Type: Cooperative Agreement

Background: John C. Stennis Space Center (SSC) is the primary NASA rocket propulsion testing center. SSC tests items ranging from multi-engine stages to individual components of rocket engines. Propulsion test customers include NASA, the Department of Defense and the commercial space launch industry. SSC manages a large federal city that is home to over forty federal, state, university and industry entities. SSC manages a restricted airspace that is available for development, testing and operation of unmanned aerial vehicles. SSC engineering laboratories design and test electronics, sensors, algorithms and mechanical components. Purpose: This CAN supports identification and implementation of cost-sharing partnerships to develop technology to meet a specific NASA need at SSC.