

Funding Opportunity Announcements 4.27.17

Humanities

[Department of State: Grant Opportunities for Leading English Education Programs in Kyushu/Yamaguchi Region](#)

POSTED: April 24, 2017

DEADLINE: June 30, 2017

Funding Instrument Type: Grant

The U.S. Consulate Fukuoka Public Affairs Section (PAS) of the U.S. Department of State is pleased to announce that funding is available through its Public Diplomacy Small Grants Program. The U.S. Consulate Fukuoka will award a grant of \$500-\$1,000 to fund a series of events to promote English language education, introduce American culture, and/or to encourage future travel to and study in the United States. To promote English language, we ask that at least one native-level English speaker is involved in the proposed activities. Sessions must be open to the public and cannot be commercial, trade or charitable activities. If awarded, the Grantee will be responsible for coordinating the schedule with the Fukuoka American Center and/or American Shelf partner institutions. The application should include the activity plan, audience recruitment plan, and budget any anticipated running costs such as honoraria, transportation fees for organizers and guest speakers and materials and copier fees for publicizing event. Proposals will be evaluated on their potential to effectively promote English language, U.S. culture, and U.S. study abroad or travel and tourism.

Social Sciences

[Department of State, Assistance Coordination: Creating Greater Economic Wealth through the Handicraft Value Chain in Tunisia](#)

POSTED: April 21, 2017

DEADLINE: June 1, 2017

Funding Instrument Type: Cooperative Agreement

The program aims to create employment opportunities by supporting an increase in Tunisian handicraft exports. The project must provide technical expertise to Tunisian artisans to enable them to fine tune their products to meet the international standards. Applicants should partner with the Ministry of Tourism, the Ministry of Commerce, and the National Office of Handicraft to facilitate the participation of artisans in international markets and to increase the export of their products. Special focus should be given to women artisans from underserved areas, including rural areas and the interior regions of Tunisia.

[Department of Education, Office of Special Education and Rehabilitative Services \(OSERS\): Personnel Development to Improve Services and Results for Children with Disabilities: Early Childhood Personnel Center](#)

POSTED: April 19, 2017

DEADLINE: June 5, 2017

Funding Instrument Type: Cooperative Agreement

The purposes of this program are to: (1) Help address State-identified needs for personnel preparation in special education, early intervention, related services, and regular education to work with children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children. This priority will fund a cooperative agreement to establish and operate a national Early Childhood Personnel Center (Center) to improve the quality of personnel who serve young children with disabilities and their families.

[Department of Education, Office of Special Education and Rehabilitative Services \(OSERS\): Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities: Early Childhood Systems Technical Assistance Center](#)

POSTED: April 19, 2017

DEADLINE: June 5, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of the Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities program is to promote academic achievement and to improve results for children with disabilities by providing technical assistance (TA), supporting model demonstration projects, disseminating useful information, and implementing activities that are supported by scientifically based research. This priority will fund a cooperative agreement to establish and operate a national Early Childhood Systems Technical Assistance Center (Center). The Center will provide TA to States to enable them to maintain high-quality systems with implementation supports to implement IDEA consistent with its requirements and to provide high-quality IDEA services for young children with disabilities and their families. The Center will work with IDEA coordinators to increase their competencies to lead systemic improvements and work collaboratively with other early childhood systems to increase access to, and participation in, high-quality inclusive programs for young children with disabilities.

[Department of Education: Educational Technology, Media, and Materials for Individuals with Disabilities: Stepping-up Technology Implementation](#)

POSTED: April 21, 2017

DEADLINE: June 5, 2017

Funding Instrument Type: Cooperative Agreement

The purposes of the Educational Technology, Media, and Materials for Individuals with Disabilities Program are to: (1) Improve results for students with disabilities by promoting the development, demonstration, and use of technology; (2) support educational activities designed to be of educational value in the classroom for students with disabilities; (3) provide support for captioning and video description that is appropriate for use in the classroom; and (4) provide accessible educational materials to students with disabilities in a timely manner. Technology can be the great equalizer in a classroom for students with disabilities. The use of technology, including assistive technology devices and assistive technology services, enhances instruction and access

to the general education curriculum. Innovative technology tools, programs, and software can be used to promote engagement and enhance the learning experience. Innovative technology tools and programs are especially helpful as educators work to engage and motivate students who struggle with the general education curriculum.

[Department of State, Assistance Coordination: Entrepreneurship in the Middle East and North Africa \(MENA\) Region](#)

POSTED: April 21, 2017

DEADLINE: June 6, 2017

Funding Instrument Type: Grant

The Department of State Bureau of Near Eastern Affairs, Assistance Coordination (NEA/AC) invites applicants to submit proposals that will foster and support entrepreneurs in the Middle East and North Africa (MENA) region, advancing regional stability and prosperity. The aim of this opportunity is to assist new entrepreneurs seeking to expand and grow their businesses and activities. Proposals must demonstrate knowledge of the target country's economy and entrepreneurial ecosystem, and propose project activities with the goal of moving seed stage entrepreneurs to the intermediate and expansion stage. This Notice of Funding Opportunity seeks proposals for funding for efforts that will lead to measurable increases in sales, employment and capitalization of start-up enterprises in the region, through successful and sustainable, evidence based approaches, including through support for the expansion of viable social enterprises, increased access to capital, technology transfer, marketing planning. Proposals should outline activities that successfully increase the number of entrepreneurs expanding start-ups or an evidenced based project model with a strong likelihood for success in the target country. Proposals should also describe how local leadership and ownership will be leveraged, as well as describe how they will pursue partnerships with local governments, private entities, and non-governmental institutions to support the objective of increasing the number of start-ups initiated by entrepreneurs.

[Brookdale Foundation: Alzheimer's Disease and Related Dementia Group Respite and Early Memory Loss Grants](#)

POSTED: April 19, 2017

DEADLINE: June 15, 2017

Funding Instrument Type: Grant

Since 1989, the Brookdale National Group Respite Program has awarded seed grants to organizations to develop and implement social model group respite programs. These day programs have served thousands of elders with Alzheimer's disease or related dementia and their family caregivers. In addition to group respite, the development of programs for people with Early Memory Loss (EML) is also supported through this grant initiative. The goals of the program are: to offer opportunities for persons with Alzheimer's disease or a related dementia to engage in a program of meaningful social and recreational activities in a secure and supportive setting in order to maximize their cognitive and social abilities; and to provide relief and support to family members and other primary caregivers of individuals with Alzheimer's disease or a related dementia.

Group Respite: In addition to providing respite care and enjoyable group activities that build on the strengths and abilities of participants the programs offer family caregivers access to services such as counseling, support groups, information and referral, training and education. Early Memory Loss: At present, there is a gap in supportive services available for people recently diagnosed with EML. This engaging, educational service model allows adults to be productive, involved members of the community and participate in programming that enhances independence. This EML program also provides the opportunity to learn practical skills in a non-threatening group setting with peers.

[Brookdale Foundation: Relatives as Parents Program \(RAPP\)](#)

POSTED: April 19, 2017

DEADLINE: June 15, 2017

Funding Instrument Type: Grant

The RAPP was initiated in 1996. It is designed to encourage and promote the creation or expansion of services for grandparents and other relatives who have taken on the responsibility of surrogate parenting due to the absence of the parents. Currently RAPP provides extensive services, primarily to relative caregivers caring for children outside the foster care system. As part of our sponsorship of RAPP, we conduct our National Orientation and Training Conference to facilitate opportunities for training, networking and information exchange and provide technical assistance to our RAPP Network through our listservs, site bulletins, conference calls, web chats and our annual newsletter.

[National Institutes of Health: National Institute of Child Health and Human Development \(NICHD\) Exploratory-Developmental Research Grant \(R21\)](#)

POSTED: April 20, 2017

DEADLINE: The deadline for the next funding cycle is June 16, 2017.

Funding Instrument Type: Grant

The NICHD Exploratory/Developmental Grant program supports exploratory and developmental research projects that fall within the NICHD mission by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. The evolution and vitality of the biomedical, behavioral, and clinical sciences require a constant infusion of new ideas, techniques, and points of view. These may differ substantially from current thinking or practice and may not yet be supported by substantial preliminary data. Through the NICHD Exploratory/Developmental Research Grant Program, the NIH seeks to foster the introduction of novel scientific ideas, model systems, tools, agents, targets, and technologies that have the potential to substantially advance biomedical, behavioral, and clinical research within the NICHD scientific mission.

[National Institutes of Health \(NIH\): Neurobiology of Migraine \(R21\)](#)

UPDATED: April 24, 2017

DEADLINE: The deadline for the next funding cycle is June 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) is issued by the National Institute of Neurological Disorders and Stroke (NINDS) in conjunction with the NIH Pain Consortium. It solicits R21 grant applications from institutions/organizations to perform innovative research that will elucidate the mechanisms underlying migraine, expand our current knowledge of the role of genetic, physiological, biopsychosocial, and environmental influences in migraine susceptibility and progression, and explore new therapeutic targets and therapies for acute migraine management and longer term prevention.

[Department of State, Bureau of International Security-Nonproliferation: Strategic Trade Controls Seminars](#)

POSTED: April 21, 2017

DEADLINE: June 21, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this program is to support multiple one-week strategic trade control seminars for the Export Control and Related Border Security Program's partner countries. The week-long Strategic Trade Controls seminar should impart to participants the importance of strategic trade controls to global security. The seminar should raise international nonproliferation awareness, provide an understanding of the history of major nonproliferation treaties and the multilateral control regimes, explain the benefits of regime adherence, and foster discussion on export control implementation in the areas of legislation and regulatory strategic trade control frameworks, licensing, industry outreach, export enforcement, and international cooperation. The seminar should address the fundamental principles underlying strategic trade controls, cultivate awareness of the proliferation risks emanating from globalized strategic trade and emphasize a robust level of controls over the import, export, re-export, transit, and transshipment of strategically controlled commodities.

[Department of State, Bureau of Educational and Cultural Affairs \(ECA\): FY 2018 Survey of International Educational Exchange Activity in the United States](#)

POSTED: April 25, 2017

DEADLINE: June 22, 2017

Funding Instrument Type: Cooperative Agreement

Purpose: To gain an accurate and current picture of international educational exchange activity in the United States in fulfillment of ECA's mandate, under the Fulbright-Hays Act, to promote mutual understanding through international educational exchange. In order to assess and analyze international educational exchange to and from the United States, the recipient organization, in consultation with ECA, will administer a series of sequential surveys to accredited U.S. higher education institutions focusing on four main sectors: 1) foreign students, 2) foreign scholars, 3) U.S. students studying overseas in credit-bearing and non-credit bearing programs, and 4) foreign enrollees in intensive English language programs in the United States. The recipient should also

include data on numbers of foreign students enrolled at minority serving institutions. To obtain data on global student mobility, the recipient will also carry out work with foreign agencies and academic mobility researchers from around the world to collect and report accurate, timely and comprehensive data, which provides an important comparison point for U.S.-focused educational exchange activity.

[Department of State, Bureau of Educational and Cultural Affairs \(ECA\): FY 2018 Teacher Exchange Program](#)

POSTED: April 25, 2017

DEADLINE: June 22, 2017

Funding Instrument Type: Cooperative Agreement

The Office of Global Educational Programs of the ECA, U.S. Department of State, announces an open competition for up to three cooperative agreements to administer a combined total of four components of the Office's Teacher Exchange Program in Fiscal Year 2018. This Notice of Funding Opportunity reinforces the Bureau's engagement with primary and secondary school educators and seeks interested applicant organizations to administer teacher exchange programming for domestic and international teachers. The selected award recipient(s) will be responsible for providing complete programmatic and administrative support for each assigned component including the following broad categories: program planning and management; participant recruitment and placement; orientation and preparation of participants and host/mentor educators; enrichment activities; participant monitoring and support; fiscal management and budgeting; program monitoring and evaluation (including ad hoc program and financial reports as requested by the Teacher Exchange Branch); and alumni programming and follow-on activities.

[Department of Agriculture, Food and Nutrition Service \(FNS\): Center for Food Safety in Child Nutrition Programs](#)

POSTED: April 25, 2017

DEADLINE: June 26, 2017

Funding Instrument Type: Cooperative Agreement

The mission of the FNS Office of Food Safety is to protect those served by FNS nutrition assistance programs from foodborne illness by leading the advancement of science-based research to promote food safety and develop FNS program operators in the practice of food safety. FNS has established the following objectives for the Center: 1) Provide an avenue to identify food safety needs in schools and child care settings. 2) Address food safety issues in schools, child care, and adult feeding settings. 3) Assess the current status of food defense in Child Nutrition Programs and provide research based recommendations for improvements. 4) Establish and sustain an institution, either actual or virtual, that is considered the premier organization for leadership and expertise in food safety research and practices related to schools, child care, and adult feeding settings. 5) Establish a knowledge repository for research and science-based information related to emerging issues that may impact USDA's nutrition assistance programs.

[Department of State: Grant Opportunities for Leading English Education Programs in Kyushu/Yamaguchi Region](#)

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[National Institutes of Health \(NIH\): Translational Outcomes Project in Neurotrauma \(TOP-NT\) \(UG3/UH3\)](#)

POSTED: April 25, 2017

DEADLINE: August 21, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this Funding Opportunity Announcement (FOA) is to support the development and validation of pathophysiologically based preclinical outcome measures or functional markers that align closely with practical clinical assessments in spinal cord injury (SCI) and/or traumatic brain injury (TBI). Bedside knowledge and experience will be leveraged to create better assessment tools for preclinical studies, and the resulting data will be made available to researchers. The goal is to improve the value of preclinical studies to inform clinical diagnoses and prognoses and therapeutic translation.

[National Institutes of Health \(NIH\): NIH Director's Pioneer Award Program \(DP1\)](#)

POSTED: April 20, 2017

DEADLINE: September 1, 2017

Funding Instrument Type: Grant

The NIH Director's Pioneer Award complements NIH's traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transforming approaches to addressing major biomedical or behavioral challenges that have the potential to produce an unusually high impact on enhancing health, lengthening life, and reducing illness and disability. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator's research program or

elsewhere. The NIH Director's Pioneer Award is a component of the High-Risk, High-Reward Research program of the NIH Common Fund. All Common Fund initiatives invite investigators to develop bold, innovative, and often risky approaches to address significant problems with no clear solution or to seize new opportunities that offer the potential for rapid progress. To be considered pioneering, the proposed research must reflect ideas substantially different from those being pursued in the investigator's research program or being pursued elsewhere. The Pioneer Award is not intended to expand a current research program's funding in the area of the proposed project.

[Department of Health and Human Services, Agency for Health Care Research and Quality \(AHRQ\): Developing New Clinical Decision Support to Disseminate and Implement Evidence-Based Research Findings \(R18\)](#)

POSTED: April 20, 2017

DEADLINE: The deadline for the next funding cycle is September 25, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites R18 grant applications for developing new clinical decision support (CDS) to facilitate the dissemination and implementation of evidence-based research findings. The purposes of this FOA are to develop new, reliable, valid, and usable CDS from evidence-based research findings and then demonstrate its effectiveness to improve care in clinical practice. All proposed projects must: Describe the evidence-based research finding that forms the basis for the proposed CDS, including appropriate citations and a discussion of level of evidence; Incorporate the "5 Rights" framework of delivering the right information, to the right person(s), using the right format, in the right channel, and at the right time during workflow; Develop and implement electronic CDS that is based on evidence-based research finding(s); Evaluate the reliability, validity, and usability of the CDS among diverse populations; Incorporate health IT standards that harmonize CDS and quality measurement; Include an evaluation of the approach; Be prepared to collaborate with AHRQ-funded contractors also working on CDS, such as those tasked with creating a repository of CDS, developing tools for CDS authoring and sharing, developing CDS based on evidence-based research findings, and evaluation.

[Department of Health and Human Services, Agency for Health Care Research and Quality \(AHRQ\): Scaling Established Clinical Decision Support to Facilitate the Dissemination and Implementation of Evidence-Based Research Findings \(R18\)](#)

POSTED: April 20, 2017

DEADLINE: The deadline for the next funding cycle is September 25, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) invites R18 grant applications for research projects to scale and spread existing clinical decision support (CDS) to facilitate the dissemination and implementation of evidence-based research findings into clinical practice. The purposes of this FOA are to extend the implementation ("scale") and evaluation of well-established and effective CDS beyond the initial clinical setting or institution in which the CDS was originally developed and implemented, thereby

extending the impact on clinical practice. For the purposes of this FOA, well-established CDS is defined as already designed, validated, developed, tested, deployed, evaluated, and effective CDS. This FOA intends to support projects that extend the implementation of well-established, electronically implemented CDS beyond the initial clinical setting or institution to disseminate and implement evidence-based research findings. As a result, AHRQ seeks to fund a spectrum of CDS projects that focus on increasing scale and impact and that span settings, institutions, health IT systems, clinical conditions, geographic areas, and priority populations.

Natural Sciences

[National Science Foundation \(NSF\) Issues Dear Colleague Letter: Improving and Supporting the Transition to Graduate School in the Mathematical Sciences](#)

POSTED: April 19, 2017

DEADLINE: Variable – see the notice for details on submissions for different project types.

NSF invites proposals for projects designed to encourage and prepare U.S. students to pursue and succeed in graduate doctoral study in the mathematical sciences generally, with a particular emphasis on broadening participation among students from underrepresented populations, including racial/ethnic groups underrepresented in mathematics and statistics, individuals with disabilities, and women. While proposed projects need not focus solely on members of underrepresented groups, they should utilize evidence-based techniques known to be effective for students from these groups. Proposals submitted in response to this Dear Colleague Letter (DCL) should describe projects that are scalable to serve large numbers of students without large increases in cost and sustainable, that is, have continued impact without on-going large influxes of grant funding. Projects that develop partnerships among faculty, departments, and graduate schools, as well as those that leverage technology are expected. To achieve the dual aims of (1) scalability and (2) sustainability, it is envisioned that most proposed strategies will also: (3) reach students predominantly at their home institutions, with limited student travel required, and (4) have the potential to create systemic change regarding how students are prepared for success in graduate school, particularly doctoral programs.

[Department of the Interior, Geological Survey: Water Resources Research National Competitive Grants Program](#)

POSTED: April 25, 2017

DEADLINE: June 1, 2017

Funding Instrument Type: Grant

The U.S. Geological Survey in cooperation with the National Institutes for Water Resources requests proposals for matching grants to support research on the topic of improving and enhancing the nation's water supply, including evaluation of innovative approaches to water treatment, infrastructure design, retrofitting, maintenance, management, and replacement; exploration and advancement of our understanding of changes in the quantity and quality of water resources in response to a changing climate, population shifts, and land use changes; development of methods for better

estimation of water supply, both surface and groundwater, including estimation of the physical supply and of the economic supply of water; development and evaluation of processes and governance mechanisms for integrated surface/ground water management; and the evaluation and assessment of conservation practices.

Investigators at educational institutions must apply through a Water Research Institute or Center.

[National Institutes of Health: National Institute of Child Health and Human Development \(NICHD\) Exploratory-Developmental Research Grant \(R21\)](#)

POSTED: April 20, 2017

DEADLINE: The deadline for the next funding cycle is June 16, 2017.

Funding Instrument Type: Grant

The NICHD Exploratory/Developmental Grant program supports exploratory and developmental research projects that fall within the NICHD mission by providing support for the early and conceptual stages of these projects. These studies may involve considerable risk but may lead to a breakthrough in a particular area, or to the development of novel techniques, agents, methodologies, models, or applications that could have a major impact on a field of biomedical, behavioral, or clinical research. The evolution and vitality of the biomedical, behavioral, and clinical sciences require a constant infusion of new ideas, techniques, and points of view. These may differ substantially from current thinking or practice and may not yet be supported by substantial preliminary data. Through the NICHD Exploratory/Developmental Research Grant Program, the NIH seeks to foster the introduction of novel scientific ideas, model systems, tools, agents, targets, and technologies that have the potential to substantially advance biomedical, behavioral, and clinical research within the NICHD scientific mission.

[National Institutes of Health \(NIH\): Innovation Grants to Nurture Initial Translational Efforts \(IGNITE\): Assay Development and Therapeutic Agent Identification and Characterization to Support Therapeutic Discovery \(R21/R33\)](#)

UPDATED: April 24, 2017

DEADLINE: The deadline for the next funding cycle is June 16, 2017.

Funding Instrument Type: Grant

This funding opportunity announcement (FOA) encourages research grant applications to develop in vitro and/or ex vivo assays and conduct iterative screening efforts to identify and characterize potential therapeutic agents for neurological disorders. This FOA is part of a suite of IGNITE to advance projects to the point where they can meet the entry criteria for National Institute of Neurological Disorders and Stroke (NINDS) Cooperative Research to Enable and Advance Translational Enterprises program (CREATE) for biologics, biotechnology products, the Blueprint Neurotherapeutics Network (BPN) for small molecules, or other translational program.

[National Institutes of Health \(NIH\): Innovation Grants to Nurture Initial Translational Efforts \(IGNITE\): Development and Validation of Model Systems and/or Pharmacodynamic Markers to Facilitate the Discovery of Neurotherapeutics \(R21/R33\)](#)

UPDATED: April 24, 2017

DEADLINE: The deadline for the next funding cycle is June 16, 2017.

Funding Instrument Type: Grant

This funding opportunity announcement (FOA) encourages the development and validation of: 1) animal models and human tissue ex vivo systems that recapitulate the phenotypic and physiologic characteristics of a defined neurological disorder and/or 2) clinically feasible pharmacodynamic markers for therapeutics designed to treat neurological disease. The goal of this FOA is to promote a significant improvement in the translational relevance of animal models, ex vivo systems, testing paradigms, and endpoints that will be utilized to facilitate the development of neurotherapeutics. Ideally, endpoints proposed in applications for this FOA would have the potential to provide feasible and meaningful assessments of efficacy following therapeutic intervention that would be applicable in both preclinical and clinical settings.

[National Institutes of Health \(NIH\): Neurobiology of Migraine \(R21\)](#)

UPDATED: April 24, 2017

DEADLINE: The deadline for the next funding cycle is June 16, 2017.

Funding Instrument Type: Grant

This Funding Opportunity Announcement (FOA) is issued by the National Institute of Neurological Disorders and Stroke (NINDS) in conjunction with the NIH Pain Consortium. It solicits R21 grant applications from institutions/organizations to perform innovative research that will elucidate the mechanisms underlying migraine, expand our current knowledge of the role of genetic, physiological, biopsychosocial, and environmental influences in migraine susceptibility and progression, and explore new therapeutic targets and therapies for acute migraine management and longer term prevention.

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

POSTED: April 21, 2017

DEADLINE: Proposals accepted anytime *after* July 24, 2017.

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.

[National Science Foundation \(NSF\): Tectonics](#)

POSTED: April 23, 2017

DEADLINE: Proposals accepted anytime *after* July 24, 2017.

Funding Instrument Type: Grant

The Tectonics Program supports a broad range of field, laboratory, computational, and

theoretical investigations aimed at understanding the deformation of the terrestrial continental lithosphere (i.e. above the lithosphere-asthenosphere boundary). The Program focuses on deformation processes and their tectonic drivers that operate at any depth within the continental lithosphere, on time-scales of decades/centuries (e.g. active tectonics) and longer, and at micro- to plate boundary/orogenic belt length-scales.

[Dreyfus Foundation Invites Applications for Postdoctoral Program in Environmental Chemistry](#)

POSTED: April 17, 2017

DEADLINE: August 1, 2017

Funding Instrument Type: Grant

The Camille and Henry Dreyfus Foundation is inviting applications for its Postdoctoral Program in Environmental Chemistry, which provides a principal investigator with an award of \$120,000 over two years to appoint a postdoctoral fellow in environmental chemistry. The program aims to support innovative fundamental research in the chemical sciences or engineering related to the environment. Examples include but are not limited to the chemistry associated with the climate, the atmosphere, aquatic or marine settings, toxicology, soil, or groundwater. Also of interest are chemistry-related energy research (renewable sources, sequestration, etc.), and new or green approaches to chemical synthesis and processing, both with a clearly stated relation to the environment. Applications are accepted from principal investigators who have well-established research efforts in environmental science or engineering. These research activities need not be located in traditional departments in the chemical sciences, and collaboration across departments and institutions is encouraged. The postdoctoral fellow is usually not already identified or working in the principal investigator's lab at the time of application.

[National Institutes of Health \(NIH\): Translational Outcomes Project in Neurotrauma \(TOP-NT\) \(UG3/UH3\)](#)

POSTED: April 25, 2017

DEADLINE: August 21, 2017

Funding Instrument Type: Cooperative Agreement

The purpose of this Funding Opportunity Announcement (FOA) is to support the development and validation of pathophysiologically based preclinical outcome measures or functional markers that align closely with practical clinical assessments in spinal cord injury (SCI) and/or traumatic brain injury (TBI). Bedside knowledge and experience will be leveraged to create better assessment tools for preclinical studies, and the resulting data will be made available to researchers. The goal is to improve the value of preclinical studies to inform clinical diagnoses and prognoses and therapeutic translation.

[National Institutes of Health \(NIH\): NIH Director's Pioneer Award Program \(DP1\)](#)

POSTED: April 20, 2017

DEADLINE: September 1, 2017

Funding Instrument Type: Grant

The NIH Director's Pioneer Award complements NIH's traditional, investigator-initiated grant programs by supporting individual scientists of exceptional creativity who propose pioneering and possibly transforming approaches to addressing major biomedical or behavioral challenges that have the potential to produce an unusually high impact on enhancing health, lengthening life, and reducing illness and disability. To be considered pioneering, the proposed research must reflect substantially different scientific directions from those already being pursued in the investigator's research program or elsewhere. The NIH Director's Pioneer Award is a component of the High-Risk, High-Reward Research program of the NIH Common Fund. All Common Fund initiatives invite investigators to develop bold, innovative, and often risky approaches to address significant problems with no clear solution or to seize new opportunities that offer the potential for rapid progress. To be considered pioneering, the proposed research must reflect ideas substantially different from those being pursued in the investigator's research program or being pursued elsewhere. The Pioneer Award is not intended to expand a current research program's funding in the area of the proposed project.

[National Science Foundation \(NSF\): Mathematical Sciences Research Institutes](#)

POSTED: April 20, 2017

DEADLINE: Letters of Intent (required) are due December 14, 2018; full proposals are due March 14, 2019.

Funding Instrument Type: Grant

Mathematical Sciences Research Institutes are national resources that aim to advance research in the mathematical sciences through programs supporting discovery and dissemination of knowledge in mathematics and statistics and enhancing connections to related fields in which the mathematical sciences can play important roles. Institute activities help focus the attention of some of the best mathematical minds on problems of particular importance and timeliness. Institutes are also community resources that involve a broad segment of U.S.-based mathematical sciences researchers in their activities. The goals of the Mathematical Sciences Research Institutes program include advancing research in the mathematical sciences, increasing the impact of the mathematical sciences in other disciplines, and expanding the talent base engaged in mathematical research in the United States.