

Funding Bulletin

March 25th, 2016 (Vol. 3, No. 12)

Funding Information

To receive funding information, please contact funding@wichita.edu.

NOTICE – Notification for the current Funding Bulletin is sent via email. To be added to the electronic mailing list, send an email message to: funding@wichita.edu. Leave the subject line blank. In the message area, type: *sub funding bulletin*. To unsubscribe, type: *unsub funding bulletin*.

The selected compilation of funding opportunities is provided by RTT's Pre-Award Services as a resource for Wichita State University Researchers. We encourage you to utilize the campus subscription to PIVOT to find funding opportunities specifically tailored to your research area based on keywords you provide. PIVOT is easy to use and offers other valuable services that are helpful to researchers. Access is available at: <http://pivot.cos.com/home/index> or you may contact funding@wichita.edu to have a custom search ran.

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How to Apply

Proposal development requests should be sent to proposals@wichita.edu. Please click on the following link for information regarding proposal submission at WSU:

<http://webs.wichita.edu/?u=WSURESEARCHADMIN&p=/Proposals/PreAwardServices/>

NOTICES

Pivot User Satisfaction Survey

The Office of Research has created a short survey to gauge user satisfaction for Pivot, the comprehensive funding database that the university subscribes to. Participation is confidential and optional; results will be utilized to evaluate customer satisfaction with funding search support. Your feedback is appreciated! Please follow the link below to access the survey:

https://wichitastate.co1.qualtrics.com/jfe/form/SV_db6YUIt2HA8c6x

OFFICE OF RESEARCH WORKSHOPS

For more information contact Jana Henderson at jana.henderson@wichita.edu or 978-3285.

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
Pivot Open Lab	March 28	2:30-4:00 p.m.	405 Jardine	The Office of Research will be holding Open Labs this fall for Faculty interested in using PIVOT as well as answering questions regarding their existing account. <i>This is a come and go lab with no registration required.</i>
IP Disclosure Open Lab	April 5	2:00 – 4:00 p.m.	Devlin Hall Innovation Hub 215	Come with your questions and get assistance completing an IP disclosure form for your ideas, technology, curriculum, research and more. Open labs are held on the first Tuesday of every month. For additional information, email or call Becky Hundley at 978-5199.
Research Compliance Open Lab	April 20	9:00-11:00 a.m.	Devlin Hall Innovation Hub 215	Faculty, staff and students needing assistance in determining potential export or import controls affecting responsibilities and activities at WSU should plan to attend. <i>These are come-and-go labs with no registration required.</i>

LIMITED SUBMISSIONS

Limited submission programs have sponsor restrictions on the number of proposals that may be submitted by a single institution and will require institutional screening to determine which applications will be submitted. Karen Davis, Director of Pre-Award Services, is the internal coordinator for limited submission programs. Please notify proposals@wichita.edu, by the internal due date listed in the Funding Bulletin if you wish to submit a limited submission program. **There are currently seven open limited submission competitions:**

(1) Children's Healthy Weight Collaborative Improvement and Innovation Network (ColIN)

U.S. Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA)

Due Date: Internal 4/1/2016; Application 5/17/2016

The Health Resources and Services Administration (HRSA), Maternal and Child Health Bureau (MCHB) is accepting applications for fiscal year (FY) 2016 Children's Healthy Weight Collaborative Improvement and Innovation Network (ColIN). The purpose of this program is to increase the proportion of children and young adults ages birth to 21 years who fall within a healthy weight range by supporting states to adopt evidence-based or evidence-informed policies and practices related to nutrition, physical activity, and breastfeeding. **Multiple applications from an organization are not allowable HRSA-16-180**

- URL: <http://www.grants.gov/web/grants/search-grants.html?keywords=HRSA-16-180>

(2) Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES)

National Science Foundation (NSF)

Due Date: Internal 4/1/2016; Preliminary Proposal 4/15/2016; Full Proposal 6/24/2016

Inclusion across the Nation of Communities of Learners of Underrepresented Discoverers in Engineering and Science (NSF INCLUDES) is a comprehensive national initiative designed to enhance U.S. leadership in science, technology, engineering and mathematics (STEM) discoveries and innovations focused on NSF's commitment to diversity, inclusion, and broadening participation in these fields. NSF INCLUDES supports efforts to develop talent from all sectors of society to build the STEM workforce. The initiative aims to improve the preparation, increase the participation, and ensure the contributions of individuals from groups that have traditionally been underrepresented and underserved in the STEM enterprise, including women, members of racial and ethnic groups, persons with disabilities, and persons with low socio-economic status. Significant advancement of these groups

will result in a new generation of promising STEM talent and leadership to secure our nation's future in science and technology. The grand challenge of broadening participation in STEM is to transform the STEM enterprise at all levels in order to fully engage the nation's talent for the ultimate improvement of the STEM enterprise. As a comprehensive national initiative, NSF INCLUDES aims to address the various complex equity and inclusion-related challenges and opportunities that characterize the nation's cultural and linguistic diversity, with a specific emphasis on the aforementioned groups. The goal is to achieve national level impact and progress toward STEM inclusion. Viewing this challenge as a social innovation problem, NSF is particularly interested in using approaches to scaling and growth such as collective impact, networked communities and strategic partnerships. The objective is to develop networks that involve representative organizations and consortia from different sectors that are committed to a common agenda to solve a specific STEM inclusion problem at scale. The long-term goal of NSF INCLUDES is to support, over the next ten years, innovative models, networks, partnerships, and research that enable the U.S. science and engineering workforce to thrive by ensuring that women, blacks, Hispanics, and people with disabilities are represented in percentages comparable to their representation in the U.S. population. In FY 2016, NSF seeks proposals for Design and Development Launch Pilots to catalyze the formation of NSF INCLUDES Alliances. **An organization may serve as the lead institution on only one Design and Development Launch Pilot proposal. NSF 16-544**

- URL: <http://www.nsf.gov/pubs/2016/nsf16544/nsf16544.htm>

(3) NSF Scholarships in Science, Technology, Engineering, and Mathematics Program (S-STEM) *National Science Foundation (NSF)*

Due Date: Internal 4/1/2016; Full Proposals 5/16/2016

The National Science Foundation (NSF) Scholarships in Science, Technology, Engineering, and Mathematics program (S-STEM) addresses the need for a high quality STEM workforce in areas of national priorities. The program seeks to increase the success of low-income academically talented students with demonstrated financial need who are pursuing associate, baccalaureate, or graduate degrees in science, technology, engineering, and mathematics (STEM). The program provides awards to Institutions of Higher Education (IHEs) to fund scholarships, and to enhance and study effective curricular and co-curricular activities that support recruitment, retention, student success, and graduation in STEM. The S-STEM program encourages collaborations among different types of partners: Partnerships among different types of institutions, collaborations of STEM faculty and educational and social science researchers, or partnerships among institutions of higher education and business and industry. The program seeks: 1) to increase the number of low-income academically talented students with demonstrated financial need obtaining degrees in STEM and entering the STEM workforce or graduate study; 2) improve the education of future scientists, engineers, and technicians, with a focus on academically talented low-income students; and 3) advance understanding of the factors or curricular and co-curricular activities affecting the success of low-income students. In this solicitation,

the acronym STEM stands for science, technology, engineering, and mathematics that includes biological sciences (except medicine and other clinical fields); physical sciences (including physics, chemistry, astronomy, and materials science); mathematical sciences; computer and information sciences; geosciences; engineering; and technology areas associated with the preceding disciplines (for example, biotechnology, chemical technology, engineering technology, information technology, etc.) The S-STEM program particularly encourages proposals from 2-year institutions, Minority Serving Institutions (MSIs), and urban public and rural institutions. ***An institution may submit one proposal from each constituent college or school that awards degrees in an eligible field.*** NSF 15-581

- URL: <http://www.nsf.gov/pubs/2015/nsf15581/nsf15581.htm>

(4) Preservation Assistance Grants

National Endowment for the Humanities (NEH)

Due Date: Internal 4/1/2016; Application 5/3/2016

Preservation Assistance Grants help small and mid-sized institutions—such as libraries, museums, historical societies, archival repositories, cultural organizations, town and county records offices, and colleges and universities—improve their ability to preserve and care for their significant humanities collections. These may include special collections of books and journals, archives and manuscripts, prints and photographs, moving images, sound recordings, architectural and cartographic records, decorative and fine art objects, textiles, archaeological and ethnographic artifacts, furniture, historical objects, and digital materials. Applicants must draw on the knowledge of consultants whose preservation skills and experience are related to the types of collections and the nature of the activities on which their projects focus. Within the conservation field, for example, conservators usually specialize in the care of specific types of collections, such as objects, paper, or paintings. Applicants should therefore choose a conservator whose specialty is appropriate for the nature of their collections. Similarly, when assessing the preservation needs of library, museum, or archival holdings, applicants must seek a consultant specifically knowledgeable about the preservation of these types of collections. The program encourages applications from small and mid-sized institutions that have never received an NEH grant. The program also encourages applications from presidentially designated institutions (Hispanic-serving institutions, Historically Black Colleges and Universities, and Tribal Colleges and Universities), and from Native American tribes with significant humanities collections. **Only one application for a Preservation Assistance Grant may be submitted annually by an institution, although distinct collecting entities of a larger organization may apply in the same year, such as the library and museum of a university or two historic sites within a historical society.**

- URL: <http://www.neh.gov/grants/preservation/preservation-assistance-grants-smaller-institutions>

(5) Presidential Awards for Excellence in Science, Mathematics, and Engineering Mentoring (PAESMEM)

National Science Foundation (NSF)

Due Date: Internal 4/15/2016; Full Proposals 6/17/2016

The PAESMEM is a Presidential award established by the White House in 1995. The PAESMEM program is administered by the National Science Foundation (NSF) on behalf of the White House Office of Science and Technology Policy (OSTP). Nominations, including self-nominations, are invited for "Individual" and "Organizational" PAESMEM awards. Individuals and organizations in all public and private sectors are eligible including industry, academia, K-12, military and government, non-profit organizations, and foundations. Nominations are encouraged from all geographical regions in the U.S. including its territories and particularly jurisdictions designated by Congress under NSF's Experimental Program to Stimulate Competitive Research (EPSCoR). NSF EPSCoR-designated jurisdictions are: Alabama, Alaska, Arkansas, Delaware, Guam, Hawaii, Idaho, Iowa, Kansas, Kentucky, Louisiana, Maine, Mississippi, Missouri, Montana, Nebraska, Nevada, New Hampshire, New Mexico, North Dakota, Oklahoma, Puerto Rico, Rhode Island, South Carolina, South Dakota, Tennessee, Utah, Vermont, Virgin Islands, West Virginia, and Wyoming. PAESMEM recognizes those who have made significant contributions to mentoring and thereby support the future and productivity of the U.S. science, technology, engineering and mathematics, (STEM) workforce. The program was created to identify and recognize individuals and organizations that have contributed outstanding efforts in mentoring and have enhanced the participation of individuals (including persons with disabilities) who might not otherwise have considered or had access to opportunities in STEM disciplines and professions. PAESMEM awardees serve as leaders in the national effort to develop fully the nation's human resources in STEM. **Multiple programs or individuals from the same institution may be nominated. However each program or individual may be nominated only once in a competition. Only one nomination per individual or program will be considered for both the Individual and Organizational categories. NSF 16-534**

- URL: <http://www.nsf.gov/pubs/2016/nsf16534/nsf16534.htm>

(6) Research Program

Keck Foundation, W.M.

Due Date: Internal 4/1/2015; Phase 1 Application 5/1/2015; Full Proposal 8/15/2016

The Research Program seeks to benefit humanity by supporting projects in two specific areas (1) medical research and (2) science and engineering, that are distinctive and novel in their approach, question the prevailing paradigm, or have the potential to break open new territory in their field. Past grants have been awarded to major universities, independent research institutions, and medical schools to support pioneering biological and physical science research and engineering, including the

development of promising new technologies, instrumentation or methodologies. The Foundation strives to fund endeavors that are distinctive and novel in their approach. It encourages projects that are high-risk with the potential for transformative impact. "High-risk" comprises a number of factors, including questions that push the edge of the field, present unconventional approaches to intractable problems, or challenge the prevailing paradigm. "Transformative" may mean creation of a new field of research, development of new instrumentation enabling observations not previously possible, or discovery of knowledge that challenges prevailing perspectives. ***Applicants may submit one request per grant cycle to each of the foundation's program areas for which they are eligible: Medical Research, Science and Engineering Research, Undergraduate Education and Southern California. Initial contact from a multi-unit organization (such as a college, university or agency branch location) must be coordinated through the institution's central development office. Most colleges and universities have designated an official liaison to the foundation. Other personnel contacting the Foundation will be referred to the central liaison.***

- URL: <http://www.wmkeck.org/grant-programs/research>

(7) William T. Grant Scholars Grants (William T. Grant Scholars Program)

Grant Foundation, William T.

Due Date: Internal 5/20/2016; Applications 7/6/2016

The Program is for those in the social, behavioral, and health sciences. The Foundation encourages Scholars to tackle important questions that will advance theory, policy, and practice for youth. Applicants identify new methods, disciplines, or content they want to learn, and propose research plans that foster their growth in those areas. It recognizes that early-career researchers are rarely given incentives or support to take such risks, so this award includes a mentoring component. Individuals should want to pursue a significant shift in their trajectories as researchers. The Foundation is focused on youth ages 5 to 25 in the United States. It funds research that increases the understanding of: - programs, policies, and practices that reduce inequality in youth outcomes; and - the use of research evidence in policy and practice. It seeks research that builds stronger theory and empirical evidence in these two areas. It intends for the research it supports to inform change. While it does not expect any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people. To propose research on reducing inequality, applicants should clearly identify the dimension of inequality (e.g., race, ethnicity, economic standing, and/or immigrant origins), and make a case for importance. Applicants should specify the youth outcome(s) to be studied (e.g., academic, social, behavioral, and/or economic), and show that the outcomes are currently unequal. ***Major divisions (e.g. Colleges of Arts and Sciences, Medical School) of any institution may nominate only one applicant each year.***

- URL: <http://wtgrantfoundation.org/grants#apply-wtgrant-scholars>

INTERNAL OPPORTUNITIES

The next available internal opportunities will be: 1) Multi-disciplinary Research Projects Award (MURPA) and 2) University Research/Creative Award (URCA) - Round 2. Both will have October 2016 deadlines.

For more information, visit

<http://webs.wichita.edu/?u=wsuresearchadmin&p=/ORAInternalGrants/ORAInternalGrants/>

Check back in late summer for updated instructions and application forms for both opportunities.

GENERAL

FY 2016 and FY 2017 Pollution Prevention Grant Program

United States Environmental Protection Agency (EPA)

Due Date: 5/9/2016

The Pollution Prevention (P2) grant program supports state and tribal technical assistance programs, which help businesses identify better environmental strategies and solutions for reducing or eliminating waste at the source. Grant funds may be used to support state and tribal-led P2 programs or projects that measurably reduce the environmental footprints of local and regional businesses. Achievements in this regard involve adopting new or expanding existing environmental strategies or solutions that significantly reduce or eliminate pollution from air, water and/or land prior to relying on recycling or waste clean-up. **Applicants are to choose one or more of the NEA topic areas as the basis for their P2 grant proposals:**

1. Climate Change Mitigation/Prevention of Greenhouse Gas Emissions: Implement P2 projects that are specifically designed and targeted to achieve significant and measureable reductions of greenhouse gas (GHG) emissions and/or energy efficiency through technical assistance to businesses.
2. Food Manufacturing and Processing: Implement P2 projects to support more sustainable food manufacturing and processing resulting in reduced greenhouse gas emissions, water usage, hazardous materials generation and use, and/or business costs.
3. State or Community Approaches to Hazardous Materials Source Reduction: Implement P2 projects to support state or community-based approaches to hazardous materials source reduction activities that reduce the generation and use of hazardous materials.

EPA-HQ-OPPT-2016-002

- URL: <https://www.epa.gov/sites/production/files/2016-03/documents/2016rfpp2grant.pdf>

ARTS & HUMANITIES

Preservation and Access Education and Training Grants

National Endowment for the Humanities (NEH)

Due Date: 5/3/2016

The Preservation and Access Education and Training program is central to NEH's efforts to preserve and establish access to cultural heritage collections. Thousands of libraries, archives, museums, and historical organizations across the country maintain important collections of books and manuscripts, photographs, sound recordings and moving images, archaeological and ethnographic artifacts, art and material culture collections, electronic records, and digital objects. The challenge of preserving and making accessible such large and diverse holdings is enormous, and the need for knowledgeable staff is significant and ongoing. Preservation and Access Education and Training grants are awarded to organizations that offer national or regional (multistate) education and training programs. Grants aim to help the staff of cultural institutions, large and small, obtain the knowledge and skills needed to serve as effective stewards of humanities collections. Grants also support educational programs that prepare the next generation of conservators and preservation professionals, as well as projects that introduce the staff of cultural institutions to new information and advances in preservation and access practices. **Preservation and Access Education and Training grants support activities such as these:**

1. preservation field services that provide a wide range of education and training programs (for example, surveys, workshops, consultations, reference services, and preparation of informational materials about the care of humanities collections), especially for staff at smaller libraries, museums, archives, and other cultural organizations;
2. master's degree programs in preservation and conservation; and
3. workshops that address preservation and access topics of national significance and broad impact, such as
 - preventive conservation and sustainable preservation strategies;
 - the preservation of and provision of access to recorded sound and moving image collections;
 - digital preservation;
 - collections care training for staff members who are responsible for the day-to-day care and management of humanities collections;
 - disaster preparedness, response, and recovery; and
 - best practices for enhancing and integrating access to collections in libraries, archives, and museums.

- **URL:** <http://www.neh.gov/grants/preservation/preservation-and-access-education-and-training>

Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship Program

U.S. Department of Education (ED) – Office of Postsecondary Education (OPE) – International Foreign Language Education (IFLE)

Due Date: 5/6/2016

The Fulbright Hays DDRA Fellowship Program provides opportunities to doctoral candidates to engage in full-time dissertation research abroad in modern foreign languages and area studies. The program is designed to contribute to the development and improvement of the study of modern foreign languages and area studies in the United States. The priority for this program is a research project that focuses on one or more of the following geographic areas: Africa, East Asia, Southeast Asia and the Pacific Islands, South Asia, the Near East, Central and Eastern Europe and Eurasia, and the Western Hemisphere (excluding the United States and its territories). Please note that applications that propose projects focused on the following countries are not eligible: Andorra, Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, Norway, Portugal, San Marino, Spain, Sweden, Switzerland, United Kingdom, or Vatican City. **ED-GRANTS-032216-002**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=282425>

Common Heritage

National Endowment for the Humanities (NEH)

Due Date: 5/12/2016

The Common Heritage program aims to capture this vitally important part of our country's heritage and preserve it for future generations. Common Heritage will support both the digitization of cultural heritage materials and the organization of public programming at community events that explore these materials as a window on a community's history and culture. The Common Heritage program recognizes that members of the public, in partnership with libraries, museums, archives, and historical organizations, have much to contribute to the understanding of our cultural mosaic. Together, such institutions and the public can be effective partners in the appreciation and stewardship of our common heritage. The program supports day-long events organized by community cultural institutions, which members of the public will be invited to attend. At these events experienced staff will digitize the community historical materials brought in by the public. Project staff will also record descriptive information, provided by community attendees, about the historical materials. Contributors will be given a free digital copy of their items to take home, along with the original materials. With the owner's permission, digital copies of these materials would be included in the institutions' collections. Historical photographs, artifacts, documents, family letters, art works, and audiovisual recordings are among the many items eligible for digitization and public commemoration.

Projects must also present public programming that would expand knowledge of the community's history. Public programs could include lectures, panels, reading and discussion, special gallery tours, screening and discussion of relevant films, presentations by a historian, special initiatives for families and children, or comments by curators about items brought in by the public. These public programs should provide a framework for a deeper understanding of the community members' shared or divergent histories. The programs may take place before, during, and/or after the day of the digitization event. Applicants may but need not include in their proposals a topic around which the event and the public programming would be organized. Topics proposed for the public programming may also be proposed for the digitization event. The applicant institution must plan, promote, and organize the event and ensure that a wide range of historical materials can be digitized and also contextualized through public programming. Since the help of additional institutions and organizations in the community may be needed to accomplish this work, the applicant must take responsibility for enlisting appropriate organizations or institutions, such as local libraries and museums, to contribute to the project, as needed. NEH especially welcomes applications from small and medium-sized institutions that have not previously received NEH support.

- URL: <http://www.neh.gov/grants/preservation/common-heritage>

EDUCATION

Learning Disabilities Innovation Hubs (P20)

National Institutes of Health (NIH) - Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD)

Due Date: Letters of Intent 4/13/2016; Application 5/13/2016

This funding opportunity announcement (FOA) invites exploratory grant applications, hereafter referred to as the Learning Disabilities Innovation Hubs or LD Hubs, addressing the etiology, manifestation, prevention and remediation of reading, writing and/or mathematics learning disabilities (LDs). The constitution of an LD Hub includes a single research project and an Administration Core that support the goals and aims of the LD Hub. The FOA seeks to address nascent or under-researched topics and populations, as well as some of the most challenging research topics in the area of learning disabilities impacting reading, writing and mathematics, and provides opportunities to support planning and building of a body of research and corresponding intellectual infrastructure to enable P20

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact funding@wichita.edu.

grantees to compete for large research and program project opportunities in the future. This FOA aims to integrate research topics that are of relevance to various research programs at the *Eunice Kennedy Shriver* National Institute of Child Health and Human Development (NICHD). The FOA intends to build cross-programmatic, trans-disciplinary and crosscutting scientific research and nurture the development of early career researchers capable of conducting this research. **RFA-HD-17-003**

- URL: <https://grants.nih.gov/grants/quide/rfa-files/RFA-HD-17-003.html>

Technical Assistance and Dissemination to Improve Services and Results for Children with Disabilities: National Center for Students with Disabilities Who Require Intensive Intervention CFDA Number 84.326Q

U.S. Department of Education (ED) - Office of Special Education and Rehabilitative Services (OSERS) - Office of Special Education Programs (OSERS/OSEP)

Due Date: 4/28/2016

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. The purpose of this priority is to fund a cooperative agreement to establish and operate a National Center for Students with Disabilities Who Require Intensive Intervention (Center). The Center will assist State educational agencies (SEAs) and local educational agencies (LEAs) in their efforts to support schools and educators in implementing intensive intervention composed of practices that are evidence-based ("intensive intervention") for students with disabilities who have persistent learning or behavior difficulties and who need intensive intervention to succeed in school and be prepared for postsecondary opportunities ("students with disabilities who need intensive intervention"). The Center will give priority to those States with SIMRs that focus on academic or behavior-related results.

- URL: <https://www.gpo.gov/fdsys/pkg/FR-2016-03-14/pdf/2016-05759.pdf>

Alliances for Graduate Education and the Professoriate (AGEP)

National Science Foundation (NSF)

Due Dates: 6/14/2016, 12/9/2016

The Alliances for Graduate Education and the Professoriate (AGEP) program seeks to advance knowledge about models to improve pathways to the professoriate and success for historically underrepresented minority doctoral students, postdoctoral fellows and faculty, particularly African

Americans, Hispanic Americans, American Indians, Alaska Natives, Native Hawaiians, and Native Pacific Islanders, in specific STEM disciplines and/or STEM education research fields. New and innovative models are encouraged, as are models that reproduce and/or replicate existing evidence-based alliances in significantly different disciplines, institutions, and participant cohorts. The AGEP program goal is to increase the number of historically underrepresented minority faculty, in specific STEM disciplines and STEM education research fields, by advancing knowledge about pathways to career success. The program objectives include: To support the development, implementation and study of innovative models of doctoral education, postdoctoral training, and faculty advancement for historically underrepresented minorities in specific STEM disciplines and/or STEM education research fields; and to advance knowledge about the underlying issues, policies and practices that have an impact on the participation, transitions and advancement of historically underrepresented minorities in the STEM academy. The AGEP Transformation Alliance projects are collaborative research projects representing new strategic alliances of institutions and organizations to develop, implement, and study evidence-based models to transform doctoral education, postdoctoral training, and faculty advancement for historically underrepresented minorities in specific STEM disciplines and/or STEM education research fields. Embedded social science and education research contributes to the knowledge base about how transformational models eliminate or mitigate negative factors and promote positive policies and practices for historically underrepresented minorities. AGEP addresses academic workforce development in a broadening participation and institutional capacity building context. Strategic collaborations are encouraged with multiple academic partners, the private sector, non-governmental organizations, professional organizations, government agencies, national laboratories, field stations, teaching and learning centers, informal science centers, and other relevant STEM and/or STEM education research organizations. The AGEP program encourages project leadership by, and partnerships with, all types of minority serving institutions, such as majority minority serving institutions, historically black colleges and universities, high Hispanic enrollment institutions, tribal colleges and universities, and institutions serving native Hawaiians, native Pacific Islanders, and/or Alaskan natives. **NSF 16-552**

- URL: <http://www.nsf.gov/pubs/2016/nsf16552/nsf16552.htm>

Education Research

United States Department of Education (ED) - Institute of Education Sciences (IES) - National Center for Education Research (NCER)

Due Date: 8/4/2016

The central purpose of the Institute's research grant programs is to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all students. These interested individuals include parents, educators, students, researchers, and policymakers. In carrying

out its grant programs, the Institute provides support for programs of research in areas of demonstrated national need. The Institute's purpose in awarding these grants is to provide national leadership in expanding fundamental knowledge and understanding of (1) developmental and school readiness outcomes for infants and toddlers with or at risk for disability, and (2) education outcomes for all students from early childhood education through postsecondary and adult education.

Topics under Education Research will be as follows:

- Cognition and Student Learning.
- Early Learning Programs and Policies.
- Education Leadership.
- Education Technology.
- Effective Teachers and Effective Teaching.
- English Learners.
- Improving Education Systems.
- Mathematics and Science Education.
- Postsecondary and Adult Education.
- Reading and Writing.
- Social and Behavioral Context for Academic Learning.
- Special Topics.
 - * Arts in Education.
 - * Career and Technical Education.
 - * Systemic Approaches to Educating Highly Mobile Students

- URL: <https://www.gpo.gov/fdsys/pkg/FR-2014-04-10/pdf/2014-08107.pdf>

Special Education Research

United States Department of Education (ED) - Institute of Education Sciences (IES) -National Center for Special Education Research (NCSEr)

Due Date: 8/4/2016

The Deputy Director for Policy and Research, Delegated the Duties of the Director, of the Institute of Education Sciences (Institute) announces the Institute's FY 2017 competitions for grants to support education research and special education research. The Institute's purpose in awarding these grants is to provide national leadership in expanding fundamental knowledge and understanding of (1) developmental and school readiness outcomes for infants and toddlers with or at risk for disability, and (2) education outcomes for all students from early childhood education through postsecondary and adult education. The central purpose of the Institute's research grant programs is to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all

students. These interested individuals include parents, educators, students, researchers, and policymakers. In carrying out its grant programs, the Institute provides support for programs of research in areas of demonstrated national need. The Institute's National Center for Education Research (NCER) will hold six competitions, including the one detailed in this Pivot record: Special education research, 84.324A.

In FY 2017, the focus of 84.324A is on teachers and other instructional personnel within each of the following topics:

- Autism Spectrum Disorders
 - Cognition and Student Learning in Special Education
 - Early Intervention and Early Learning in Special Education
 - Families of Children with Disabilities
 - Mathematics and Science Education
 - Professional Development for Teachers and Other Instructional Personnel
 - Reading, Writing, and Language Development
 - Social and Behavioral Outcomes to Support Learning
 - Special Education Policy, Finance, and Systems
 - Technology for Special Education
 - Transition Outcomes for Secondary Students with Disabilities
- URL: <https://www.gpo.gov/fdsys/pkg/FR-2016-03-08/pdf/2016-05155.pdf>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Economic Impact of the Nation's Precision Timing Infrastructure: The Global Positioning System

U.S. Department of Commerce (DOC) – National Institute of Standards and Technology (NIST)

Due Date: 5/6/2016

NIST invites applications from eligible applicants to assess the economic impact of the Nation's Space-based positioning, navigation and timing (PNT). Specifically, the awardee, in collaboration with NIST, will identify key technologies developed by and transferred from federal laboratories that support GPS, estimate the qualitative and quantitative economic impact of these investments, and sponsor certain focused graduate and post-doctoral research. The applicant will conduct a retrospective analysis to estimate national benefits that have been realized by GPS and not project future benefits of GPS. The

goals of this study are to: (1) identify and analyze the federal research and technology transfer activities and outputs that significantly impacted research, development, adoption and deployment of space-based GPS and the associated technology infrastructure related to applications with critical need for precision timing; (2) conduct a detailed analysis of the impacts of the use of GPS and precise time measurements across an array of applications, industries and throughout supply chains; (3) conduct a qualitative assessment of these impacts of GPS, precision timing and the associated technology infrastructure; (4) conduct a quantitative empirical assessment of the national economic impact of GPS, precision timing and the associated technology infrastructure; (5) draw upon its qualitative and quantitative analyses of federal R&D and technology transfer activities to identify lessons relevant to future GPS and timing investments; and (6) sponsor graduate and post-doctoral research thereby contributing to the development of the next generation of researchers focused on science, R&D and technology transfer impact analysis. **2016-NIST-TPO-01**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=282031>

Cottrell Scholars Awards

Research Corporation for Science Advancement (RCSA)

Due Date: Preliminary Proposals 5/15/2016; Proposals 8/1/2016

The Cottrell Scholar program develops outstanding teacher-scholars who are recognized by their scientific communities for the quality and innovation of their research programs and their academic leadership skills. The Cottrell Scholar (CS) program champions the very best early career teacher-scholars in chemistry, physics and astronomy by providing significant discretionary awards for research. Nurturing an interdisciplinary community of outstanding scientific/academic leaders, the CS program fosters synergy among faculty at major American research universities and primarily undergraduate institutions. Cottrell Scholars engage in an annual networking event, providing them an opportunity to share insights and expertise through the Cottrell Scholar Collaborative. Outstanding candidates are admitted to the ranks of Cottrell Scholars through a stringent peer-review process based on their innovative research proposals and education programs.

- URL: <http://www.rescorp.org/cottrell-scholars>

Grants

United Engineering Foundation (UEF)

Due Date: Concept Papers 6/1/2016; Proposals 8/1/2016

The foundation advances the engineering arts and sciences for the welfare of humanity. It supports engineering and education by, among other means, making grants. Grants should be consistent with

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact funding@wichita.edu.

advancing engineering. The UEF Board of Trustees evaluates and judges proposals in view of the UEF mission, the perceived ability of the proposal and proposer(s) to further that mission, and the available funding. While all proposals meeting established deadlines and page requirements will be considered, certain UEF preferences should be understood by proposers:

- Broad-based, interdisciplinary proposals that further the engineering profession as a whole are preferred.
- Multiple-year proposals are welcome, but funding is awarded for a single year only. Proposals for subsequent years follow procedures identical to that of single-year proposals. No commitment for funding of subsequent years of a multiple-year project should be inferred from funding of a prior year.
- Projects that are outside "business as usual" of the proposing organization are preferred.
- Technical research proposals and proposals by individuals are seldom accepted.

- URL: <http://www.uefoundation.org/uef-grants-program/>

Research Training Groups in the Mathematical Sciences (RTG)

National Science Foundation (NSF)

Due Date: 6/7/2016

The long-range goal of the Research Training Groups in the Mathematical Sciences (RTG) program is to strengthen the nation's scientific competitiveness by increasing the number of well-prepared U.S. citizens, nationals, and permanent residents who pursue careers in the mathematical sciences. The RTG program supports efforts to improve research training by involving undergraduate students, graduate students, postdoctoral associates, and faculty members in structured research groups centered on a common research theme. Research groups supported by RTG must include vertically-integrated activities that span the entire spectrum of educational levels from undergraduates through postdoctoral associates. **NSF 14-585**

- URL: <http://www.nsf.gov/pubs/2014/nsf14585/nsf14585.htm>

Science Learning+ Partnership Grants

National Science Foundation (NSF)

Due Date: 6/14/2016

Within the National Science Foundation (NSF) context, **Science Learning+** is a strand within project type 3, Research in Service to Practice, of the **Advancing Informal STEM Learning (AISL)** program (NSF 15-593). Science Learning+ is an open call for proposals for Partnership Grants through an international partnership between the NSF and the Wellcome Trust with the UK Economic and Social Research

Council (ESRC). The aims of Science Learning+ are to strengthen the research and knowledge base; bridge the practice and research gap; and/or share knowledge and experience in informal science, technology, engineering and mathematics (STEM) experiences. Furthermore, the initiative seeks to support practice-based research which falls within or across the following priority areas: understanding learning; engagement in STEM; skills development; equity; diversity; access to informal learning settings; and measurement of outcomes. Proposals must address at least one priority area and include: collaborations between at least one organization in the US and one in the UK/Republic of Ireland. In addition, the proposal should include a substantive research program, not solely a public engagement activity; genuine partnerships between researchers and practitioners of STEM engagement; experts from more than one STEM area; and more than one informal STEM learning location, platform, or environment. Proposers should submit a single, comprehensive proposal with two budget components, one for US activities and one for UK/Republic of Ireland activities, to NSF. **Individuals are permitted to serve as PI or Co-PI on only one submitted proposal. They may serve in other capacities on additional proposals. NSF 16-548**

- URL: <http://www.nsf.gov/pubs/2016/nsf16548/nsf16548.htm>

Defense University Research Instrumentation Program (DURIP)

United States Department of Defense (DOD) - Department of the Army - Army Research Office (ARO)

Due Date: 8/26/2016

DURIP is a multi-agency DOD program within the University Research Initiative designed to improve the capabilities of United States institutions of higher education to conduct research and to educate scientists and engineers in areas important to national defense by providing funds for the acquisition of research equipment.

Research areas of interest to the ARO include the following:

1. Mechanical Sciences
2. Earth Sciences
3. Mathematical Sciences
4. Electronics
5. Computing Science
6. Physics
7. Chemical Sciences
8. Life Sciences
9. Materials Science
10. Network Science
11. ARO Special Programs

DURIP funds will be used for the acquisition of major equipment to augment current or develop new research capabilities to support research in the technical areas of interest to the sponsoring agencies. A central purpose of the DURIP is to provide equipment to enhance research-related education. Therefore, proposals must address the impact of the equipment on the institution's ability to educate, through research, students in disciplines important to DOD missions. **PA-AFRL-AFOSR-2016-0001**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=282081>

WCC Rising Star Award

American Chemical Society (ACS) - Department of Diversity Programs - Women Chemists Committee (WCC)

Due Date: 8/31/2016

The award recognizes outstanding women scientists approaching mid-level careers who have demonstrated outstanding promise for contributions to their respective fields. The award is open to all female ACS members in chemistry and chemical engineering working in academic, industrial, government, non-profit or other employment sectors. Appropriate candidates will typically be no more than 15 years from receipt of their terminal scientific degree and have demonstrated outstanding promise for contributions to their respective fields. Applicants can either be self-nominated or can be nominated by another individual for this award.

- URL: <http://www.acs.org/content/acs/en/funding-and-awards/awards/other/diversity/wcc-rising-star-award.html>

Conferences and Workshops in the Mathematical Sciences

National Science Foundation (NSF)

Due Date: Proposals accepted anytime

Conferences, workshops, and related activities (including seasonal schools and international travel by groups) support research and training activities of the mathematical sciences community and provide opportunities to disseminate scholarly work widely, to reveal and plan new directions for research, and to engage and encourage students and junior scientists early in their careers, all of which help deepen connections among the mathematical sciences community. Proposals will be accepted for conferences, workshops, or conference-like activities. DMS particularly welcomes proposals for activities that can increase the number of mathematical scientists who participate in NSF-supported activities. **DMS priorities for this solicitation include:**

- breadth and diversity of participation, in order to help more mathematical scientists stay abreast of developments in the discipline;
- involvement of students and junior investigators and of individuals from underrepresented groups, in order to contribute to the development of the nation's science personnel base;
- connection to frontiers in the mathematical sciences, to NSF research priorities, and to federal initiatives and strategic areas, in order to advance the mathematical sciences and to strengthen the interchanges between the mathematical sciences and other science and engineering disciplines; and
- overall impact on the U.S. mathematical sciences community.

Diversity and breadth of participation should be understood as applying to institutions as well as to individuals. In particular, it includes those institutions and individuals lacking other federal support. For conference, workshop, and similar proposals, most funds are expected to be devoted to the support of participants who have no other federal support and participants who are students, postdoctoral scholars, or members of groups that are underrepresented in the mathematical sciences. Requests for international travel by groups of U.S.-based mathematical scientists ordinarily originate with U.S. educational institutions or professional scientific societies. Shared support by several federal agencies, states, or private organizations is permissible and encouraged. DMS supports individual requests for international travel as part of regular research proposals and will not consider separate proposals for support of an individual's international travel. In general, funding to support participation in conferences held abroad has been limited. Other opportunities for cooperation between U.S. mathematical scientists and those of other countries are provided by the Office of International Science and Engineering (OISE) at NSF. **NSF 16-550**

- **URL:** <http://www.nsf.gov/pubs/2016/nsf16550/nsf16550.htm>

Targeted Grants in Mathematics and Physical Sciences

Simons Foundation

Due Date: Letters of Intent continually accepted

The Simons Foundation's Mathematics and Physical Sciences (MPS) division invites applications for its new Targeted Grants in MPS program. The program is intended to support high-risk projects of exceptional promise and scientific importance on a case-by-case basis. Applicants may submit a Letter of Intent (LOI) through proposalCENTRAL (<https://proposalcentral.altum.com/default.asp>) beginning August 1, 2015. The deadline is rolling and an applicant can submit at any time.

- **URL:** <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/targeted-grants-in-mps/>

Cybermanufacturing Systems

National Science Foundation (NSF)

Due Date: Full Proposals Accepted Anytime

The Cybermanufacturing Systems (CM) Program supports fundamental research to enable the evolution of a wide range of network-accessed manufacturing services that:

- employ applications (or "apps") that reside in the "cloud" and plug into an expansible, interactive architecture;
- are broadly accessible, guarantee reliable execution and have capabilities that are transparent to users; and
- are accessible at low cost to innovators and entrepreneurs, including both users and providers.

Current manufacturing software applications are predominantly large, manufacturer-centric, general-purpose programs with the universal applicability needed to justify their development, marketing and acquisition costs. They usually have broad capabilities, but are cumbersome to learn and often require expert intervention. There is an opportunity for researchers to pursue research and educational efforts to accelerate the creation of an interoperating, cross-process manufacturing service layer that enables the rapid, bottom-up transformation of access to manufacturing services. Such a service layer can allow creative entrepreneurs and companies to both furnish and access manufacturing apps that span the full spectrum from ideation to physical realization, giving rise to an era of "cybermanufacturing." The cybermanufacturing service layer differs from existing Internet services in that it needs an architecture that can incrementally incorporate and organize the rich and deep semantic elements of manufacturing knowledge, requiring an almost unlimited capacity to expand the range and depth of content contributed in the form of partitioned, but interoperating, manufacturing applications. Such efforts are well-suited to incubation in universities, where potential service layer architectures and application modules can be prototyped at low cost, used in coursework and tested by students and faculty. Of particular interest is the exploration of the tradeoffs between generality and tractability in algorithmic representations of manufacturing knowledge. In the classic example, the automation of integrated circuit manufacturing depends on restricting device design options to those that can be produced with 100 percent reliability by a standardized set of manufacturing processes. As a result, the problem of compiling manufacturing instructions is made tractable by limiting available design options to those that can be manufactured using proven methods. In practice, the considerable design inefficiencies due to such limitations are more than compensated for by the cost savings due to dependable execution. Collaborations between engineering and computer science faculty are strongly encouraged, as are collaborations with software, networking, internet service and industrial companies, including the partner institutes of the National Network for Manufacturing Innovation (NNMI, <http://manufacturing.gov/welcome.html>) and their member companies. **PD-16-018Y**

- **URL:** http://nsf.gov/funding/pgm_summ.jsp?pims_id=505291

HEALTH, LIFE & EARTH SCIENCES

Maximizing Investigator's Research Award (R35)

National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS)

Due Date: Letters of Intent 4/20/2016; Applications 5/20/2016

The Maximizing Investigators' Research Award (MIRA) is a grant to provide support for all of the research in an investigator's laboratory that falls within the mission of NIGMS. The goal of MIRA is to increase the efficiency and efficacy of NIGMS funding. It is anticipated that the new program will:

- Increase the stability of funding for NIGMS-supported investigators, which could enhance their ability to take on ambitious scientific projects and approach problems more creatively.
- Increase flexibility for investigators to follow important new research directions as opportunities arise, rather than being bound to specific aims proposed in advance of the studies.
- More widely distribute funding among the nation's highly talented and promising investigators to increase overall scientific productivity and the chances for important breakthroughs.
- Reduce the time spent by researchers writing and reviewing grant applications, allowing them to spend more time conducting research.
- Enable investigators to devote more time and energy to the conduct of research, mentoring, and service to the scientific community.

Building on FY2015 experience, the purpose of this FOA is to extend the MIRA pilot program with updated eligibility. **RFA-GM-147-002**

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-GM-17-002.html>

ROSES 2016: Laboratory Analysis of Returned Samples

National Aeronautics and Space Administration (NASA)

Due Date: Step 1 proposals 4/22/2016; Step-2 proposals 6/24/2016

Notice seeking proposals to maximize the science derived from planetary sample-return missions. Activities supported by LARS fall into two categories: (1) development of laboratory instrumentation and/or advanced techniques required for the analysis of returned samples; (2) direct analysis of samples already returned to Earth. **NNH16ZDA001N-LARS**

- URL: <https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={5E6B5B6C-BF9E-DDA9-B8EB-C037E821B698}&path=open>

Geobiology and Low-Temperature Geochemistry

National Science Foundation (NSF)

Due Date: Proposals accepted anytime

The Geobiology and Low-Temperature Geochemistry Program focuses on geochemical processes in terrestrial Earth's surface environmental systems, as well as the interaction of geochemical and biological processes. The program supports field, laboratory, theoretical, and modeling studies of these processes and related mechanisms at all spatial and temporal scales. Studies may address: 1) inorganic and/or organic geochemical processes occurring at or near the Earth's surface now and in the past, and across the broad spectrum of interfaces ranging in scale from planetary and regional to mineral-surface and supramolecular; 2) the role of life in the transformation and evolution of Earth's geochemical cycles; 3) surficial chemical and biogeochemical systems and cycles, including their modification through environmental change and human activities; 4) low-temperature aqueous geochemical processes; 5) mineralogy and chemistry of earth materials; 6) geomicrobiology and biomineralization processes; and 7) medical mineralogy and geochemistry. The Program encourages research that focuses on geochemical processes as they are coupled with physical and biological processes in the critical zone. The Program also supports work on the development of tools, methods, and models for the advancement of low-temperature geochemistry and geobiology. The Geobiology and Low-Temperature Geochemistry Program is interested in supporting transformational and cutting-edge research. The Program is highly interdisciplinary and interfaces with other programs within the Earth Surface Section and with programs in biology, chemistry and engineering. **NSF 15-559**

- URL: http://www.nsf.gov/pubs/2015/nsf15559/nsf15559.htm?WT.mc_id=USNSF_179

Voices for Healthy Kids

American Heart Association (AHA)/Robert Wood Johnson Foundation

Due Date: Rolling deadline

The American Heart Association and the Robert Wood Johnson Foundation have joined forces to launch [Voices for Healthy Kids](#). Through this collaboration, and in partnership with a team of experts across the childhood obesity movement, the initiative aims to engage, organize and mobilize people to improve the health of their communities and reverse the childhood obesity epidemic. Voices for Healthy Kids will advance coordinated state, local and tribal public policy issue advocacy campaigns focused on childhood obesity priorities, and will utilize the American Heart Association's proven advocacy capacity to drive meaningful and widespread policy change that will support the reversal of the childhood obesity epidemic. The goal of the grant opportunities within this initiative is to make effective strategic investments in ongoing state, local and tribal public policy issue campaigns in order

to increase public policy impact on healthy weight and living among children. Voices for Healthy Kids is focusing efforts on [six priority areas](#), and applicants should link their applications to these priorities.

- URL: http://www.heart.org/HEARTORG/Advocate/StateIssues/StateandLocalPolicyPriorities/Gra nt-Resources_UCM_454325_SubHomePage.jsp

INTERNATIONAL

Fulbright-Hays Doctoral Dissertation Research Abroad Fellowship Program

U.S. Department of Education (ED) – Office of Postsecondary Education (OPE) – International Foreign Language Education (IFLE)

Due Date: 5/6/2016

The Fulbright Hays DDRA Fellowship Program provides opportunities to doctoral candidates to engage in full-time dissertation research abroad in modern foreign languages and area studies. The program is designed to contribute to the development and improvement of the study of modern foreign languages and area studies in the United States. The priority for this program is a research project that focuses on one or more of the following geographic areas: Africa, East Asia, Southeast Asia and the Pacific Islands, South Asia, the Near East, Central and Eastern Europe and Eurasia, and the Western Hemisphere (excluding the United States and its territories). Please note that applications that propose projects focused on the following countries are not eligible: Andorra, Austria, Belgium, Cyprus, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Liechtenstein, Luxembourg, Malta, Monaco, Netherlands, Norway, Portugal, San Marino, Spain, Sweden, Switzerland, United Kingdom, or Vatican City. **ED-GRANTS-032216-002**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=282425>

MULTIPLE DISCIPLINES

The Application of Big Data Analytics to Drug Abuse Research (R01)

National Institutes of Health (NIH) - National Institute on Drug Abuse (NIDA)

Due Date: Letters of Intent due 30 days prior to application due date; Applications 6/5/2016, 10/5/2016 (standard due dates apply)

The purpose of this FOA is to encourage the application of Big Data analytics to reveal deeper or novel insights into the biological and behavioral processes associated with substance abuse and addiction. NIDA recognizes that to accelerate progress toward understanding how the human brain and behavior is altered by chronic drug use and addiction, it is vital to develop more powerful analytical methods and visualization tools that can help capture the richness of data being generated from genetic, epigenetic, molecular, proteomic, metabolomic, brain-imaging, micro-electrode, behavioral, clinical, social, services, environmental studies as well as data generated from electronic health records. Applications for this FOA should develop and/or utilize computational approaches for analyzing large, complex datasets acquired from drug addiction research. The rapid increase of technologies to acquire unprecedented amounts of neurobiological and behavioral data, and an expanding capacity to store those data, results in great opportunity to bring to bear the power of the computational methods of Big Data analytics on drug abuse and addiction. **PA-16-119**

- URL: <https://grants.nih.gov/grants/guide/pa-files/PA-16-119.html>

NEW FACULTY/INVESTIGATOR

Research Associateship Programs (RAP)

The National Academies

Due Dates: 5/1/2016, 8/1/2016, 11/1/2016

The National Research Council has conducted the Research Associateship Programs in cooperation with sponsoring federal laboratories and other research organizations approved for participation since 1954. Through a national competition, the NRC recommends and makes Research Associateship awards to outstanding scientists and engineers, at the postdoctoral and senior levels, for tenure as guest researchers at the participating laboratories. A limited number of opportunities are available for support of graduate students in select fields. The objectives of the Research Associateship Programs

are (1) to provide postdoctoral and senior scientists and engineers of unusual promise and ability opportunities for research on problems, largely of their own choice that are compatible with the interests of the sponsoring laboratories and (2) to, thereby, contribute to the overall efforts of the laboratories. For recent doctoral graduates, the Research Associateship Programs provide an opportunity for concentrated research in association with selected members of the permanent professional laboratory staff. For established scientists and engineers, the Research Associateship Programs afford an opportunity for research without the interruptions and distracting assignments of permanent career positions.

- URL: <http://sites.nationalacademies.org/pqa/rap/>

New Connections: Increasing Diversity of RWJF Programming – Junior Investigators

Robert Wood Johnson Foundation (RWJF)

Due Date: 5/4/2016

New Connections: Increasing Diversity of RWJF Programming is celebrating its 10th year of supporting research grants and career development opportunities for a network of more than 830 researchers from diverse, underrepresented and disadvantaged backgrounds. The program aims to expand the diversity of perspectives that inform RWJF programming and introduce new researchers to the Foundation to help address research and evaluation needs. *New Connections* is a career development program for early career researchers. Through grantmaking, mentorship, career development and networking, *New Connections* enhances the research capacity of its grantees and network members. The researchers in this program transcend disciplines (health; health care; social sciences; business; urban planning; architecture and engineering); work to build the case for a Culture of Health with strong qualitative and quantitative research skills; and produce and translate timely research results.

- URL: <http://www.rwjf.org/en/library/funding-opportunities/2016/new-connections--increasing-diversity-of-rwjf-programming---juni.html>

SOCIAL & BEHAVIORAL SCIENCES

Hunt Postdoctoral Fellowships

Wenner Gren Foundation

Due Date: 5/1/2016

Hunt Postdoctoral Fellowships support the writing-up of already completed research. The fellowship is awarded to scholars in the earlier stages of their careers, when they frequently lack the time and resources to develop their research for publication. Scholars with a Ph.D. in hand for no more than ten years (from the application deadline) are eligible to apply. A maximum of eight Hunt Postdoctoral Fellowships are awarded annually.

- URL: <http://www.wennergren.org/programs/hunt-postdoctoral-fellowships>

Graduate Research Fellowship Program for Criminal Justice Statistics

United States Department of Justice (DOJ) - Office of Justice Programs (OJP) - Bureau of Justice Statistics (BJS)

Due Date: 5/2/2016

The Bureau of Justice Statistics (BJS) is seeking applications under its Graduate Research Fellowship (GRF) Program. This program provides awards to accredited universities for doctoral research that uses criminal justice data or statistical series and focuses on crime, violence, and other criminal justice-related topics. BJS invests in doctoral education by supporting universities that sponsor students who demonstrate the potential to complete doctoral degree programs successfully in disciplines relevant to the mission of BJS, and who are in the final stages of graduate study. The ultimate goal of this solicitation is to increase the pool of researchers using criminal justice statistical data generated by BJS, thereby contributing solutions that better prevent and control crime and help ensure the fair and impartial administration of criminal justice in the United States. Applicant institutions sponsoring doctoral students are eligible to apply only if the doctoral research dissertation has direct implications for criminal justice policy and practice in the United States. BJS encourages institutions to consider doctoral students from social and behavioral sciences, mathematics, or statistics academic disciplines for their applications. Applicant institutions are strongly encouraged to sponsor minority and female student candidates. **BJS-2016-9013**

- URL: <http://www.bjs.gov/content/pub/pdf/grfpcjs2016sol.pdf>

New Investigator/Early Career Program in the Social and Behavioral Sciences

United States Department of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/2/2016

NIJ's New Investigator/Early Career Program provides support for non-tenured assistant professors to conduct applied research on topics relevant to NIJ's Office of Research and Evaluation (ORE) including justice systems, violence and victimization, and/or crime control and prevention. Applications must propose research led by a Principal Investigator (PI) who: was awarded a terminal degree within the four (4) years prior to September 30, 2016; holds a nontenured assistant professor position at an accredited institution of higher education in the United States; and has not previously served as PI on an NIJ research grant or fellowship. Please note that those who have held Graduate Research Fellowships with NIJ are not deemed PIs under that award and are eligible under this solicitation. NIJ encourages applications from diverse social and behavior sciences including but not limited to criminal justice, criminology, economics, law, psychology, public health, and sociology. **NIJ-2016-9152**

- URL: <http://nij.gov/funding/Documents/solicitations/NIJ-2016-9152.pdf>

Research and Evaluation on Domestic Radicalization to Violent Extremism: Prevention and Intervention Demonstration Programs

United States Department of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/9/2016

The goal of this research program is to provide a more comprehensive and extensive understanding of domestic radicalization as it occurs in the United States, and to provide State, local and tribal criminal justice agencies evidence-based tools to address it. The primary objective of this solicitation is to produce research studies that improve this understanding by filling gaps in the existing research or expanding on existing work to provide insights for criminal justice agencies. The secondary objective of this solicitation is to provide the empirical basis upon which to formulate and implement policies and programs designed to address domestic radicalization in the United States. The deliverables from this solicitation will consist of research studies and published works that speak to these objectives. **NIJ-2016-9103**

- URL: <http://nij.gov/funding/Documents/solicitations/NIJ-2016-9103.pdf>

Curricula Revision, Conversion, and Development for NIC Academy

United States Department of Justice (DOJ) - National Institute of Corrections (NIC)

Due Date: 5/11/2016

NIC is seeking a team of instructional design practitioners to partner with the Academy Division's team of correctional program specialist in the application of our revised learning design framework to three of the Academy Division's cornerstone learning courses, bringing each one up-to-date and in-line with effective design practices. Applicant team members must be familiar with research, theories, and practices of learning design for adult learners. At a minimum, all members of the team must be experienced in the use of the ADDIE Model of Design, Bloom's Taxonomy, and the Kirkpatrick Model of Evaluation. The core work of the Academy Division centers around three major initiatives including the Learning and Performance Initiative (LPI), the Leadership Development Initiative (LDI), and the Cognitive Behavioral Programming Initiative (CBI). Each of these initiatives includes a professional development curriculum. Within these curricula are eight courses that have been targeted for revision, conversion, development, or some combination of these three activities: four courses from the LPI, three courses from the LDI, and one course from the CBI. These courses include virtual delivery, traditional delivery, and mixed delivery modalities (see the Glossary of Project Terms for detail on these descriptors.) The content for the courses does not need significant revision; it is the design and layout for each course that will be addressed in this project.

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=282149>

Investigator-Initiated Research and Evaluation on Firearms Violence

United States Department of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/13/2016

NIJ seeks investigator-initiated applications for funding for research and evaluation related to reducing firearms violence and understanding the causes and effects of firearms violence. This solicitation aims to strengthen our knowledge base and improve public safety by producing findings with practical implications for reducing firearms violence. This solicitation is focused specifically on producing research related to intentional, interpersonal firearms violence. NIJ is particularly interested in supporting research related to the following three areas identified in the 2013 report by the Institute of Medicine and National Research Council titled *Priorities for Research to Reduce the Threat of Firearm-Related Violence*: (1) the characteristics of firearm violence; (2) risk and protective factors; and (3) interventions and strategies. **NIJ-2016-9091**

- URL: <http://nij.gov/funding/Documents/solicitations/NIJ-2016-9091.pdf>

W.E.B. DuBois Program of Research on Race and Crime

United States Department of Justice (DOJ)

Due Date: 5/16/2016

With this solicitation, NIJ seeks applications for the W.E.B. Du Bois Program of Research on Race and Crime. The program seeks to advance knowledge regarding the confluence of crime, justice, and culture in various societal contexts. This year, NIJ seeks applicants for two funding categories:

- 1) W.E.B. Du Bois Scholars- those who are advanced in their careers and seek to conduct research that advances the study of race and crime.
- 2) W.E.B. Du Bois Fellows- those who are early in their careers and seek the opportunity to elevate their research ideas to the level of national discussion

The W.E.B. Du Bois Fellowship for Research on Race and Crime provides talented researchers with an opportunity to elevate independently generated research and ideas to the level of national discussion. Prospective fellows should propose research that speaks directly to issues related to criminal justice, violence, and the fair administration of criminal justice in diverse cultural contexts within the United States. Prospective fellows from all racial and ethnic backgrounds are eligible to apply for the DuBois Fellowship. Minorities and women are strongly encouraged to apply. Residency at NIJ is not a fellowship requirement; however, it is an option for fellowship recipients. Please refer to the title page for additional eligibility information. The W.E.B. DuBois Fellows secondary objective is to provide talented researchers, early in their careers, with an opportunity to elevate independently generated research and ideas to the level of national discussion. Applicants must possess a terminal degree in any academic discipline and have not been awarded tenure by December 30, 2016. The DuBois fellow is expected to meet all reporting and archiving data requirements. **NIJ-2016-9108**

- URL: <http://nij.gov/funding/Documents/solicitations/NIJ-2016-9108.pdf>

Research on “Sentinel Events” and Criminal Justice System Errors

U.S. Department of Justice (DOJ) – Office of Justice Programs (OJP) – National Institute of Justice (NIJ)

Due Date: 5/17/2016

The purpose of the National Institute of Justice Research, Evaluation, and Development Projects grants program (CFDA 16.560) is to encourage and support research, development, and evaluation to improve criminal justice policy and practice in the United States. NIJ is interested in encouraging further research on a relatively new area of study in criminal justice research — an exploration of the use of sentinel event reviews (SERs) to improve criminal justice systems overall. Mistakes, or negative

outcomes, in the criminal justice system are rarely caused by one single act or actor. Often, mistakes signal multiple weaknesses in the criminal justice system or process. Thus, corrections to such errors need to go beyond traditional remedies that focus on removing the “bad apple” responsible for the event to those that address the underlying system-level problems that contributed to the event. Sentinel event review processes have been used in other fields, notably aviation and medicine, and NIJ would like to sponsor research projects that explore the use of these reviews in the criminal justice system. **NIJ-2016-9235**

- URL: <http://nij.gov/funding/Documents/solicitations/NIJ-2016-9235.pdf>

STUDENTS

Science, Technology, Engineering and Math (STEM) Teachers Scholarship

Armed Forces Communications and Electronics Association (AFCEA)

Due Date: 4/22/2016

The AFCEA Educational Foundation is offering competitive based scholarships to students actively pursuing an undergraduate degree, graduate degree or credential/licensure for the purpose of teaching STEM (science, technology, engineering or math) subjects at a U.S. middle or secondary school. The scholarships are made possible by generous contributions from Booz Allen Hamilton, AFCEA International and several of AFCEA's regional chapters.

- URL: <http://www.afcea.org/education/scholarships/undergraduate/TeachersScholarship.asp>