WICHITA STATE UNIVERSITY
RESEARCH AND TECHNOLOGY TRANSFER

Funding Bulletin
May 19th, 2017 (Vol. 4, No. 16)

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.

Click on the links below to go directly to the named section included in this edition's bulletin

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/

OFFICE OF RESEARCH WORKSHOPS

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

For complete schedule go to: http://webs.wichita.edu/?u=wsuresearchadmin&p=/researchworkshops/

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
The Anatomy of a Patent	May 19	1:30 – 3:00 p.m.	Jardine Hall, 4th Floor – Room 405	This workshop will review the different sections of a patent and what they mean. Inventors should understand how to read an existing patent and compare it to your invention. Learn how patent examiners view prior art and how to determine if your patent application is likely to be allowed.
National Science Foundation CAREER Webinar	May 22	12:00 – 2:00 p.m.	RSC, 2nd Floor Lucas Room - #265	The NSF CAREER Coordinating Committee hosts a webinar to answer participants' questions about development and submission of proposals to the NSF Faculty Early Career Development Program (CAREER). The webinar will give participants the opportunity to interact with members of the NSF CAREER Coordinating Committee in a question-and-answer format
IRB Open Lab	June 12	10:00 – 11:30 a.m.	405 Jardine	The IRB Administrator will be holding Open Labs this fall for Faculty, Staff or Students who have questions about the new forms or about their study in general. ***This is a come and go lab with no registration required.***

NOTICES

Funding Bulletin Survey – your feedback is appreciated!

The Office of Research has created a short survey to gage user satisfaction for our Funding Bulletin; please take a couple minutes to tell us your thoughts about it. 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_9AHfbwsfnD8Y6a1

Curious to see who's receiving external funding on campus?!? Check out the Office of Research's Monthly Awards
http://webs.wichita.edu/?u=wsuresearchadmin&p=/researchmonthlyawards/jan17/

NSF CAREER Program Webinar – Monday, May 22nd, 2017 (1-3 pm EDT)

https://www.nsf.gov/events/event_summ.jsp?cntn_id=191332&WT.mc_id=USNSF_13&WT.mc_ev=click

National Science Foundation (NSF) - Frequently Asked Questions for I-Corps Teams

https://www.nsf.gov/pubs/2017/nsf17083/nsf17083.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click

INTERNAL OPPORTUNTIES

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 2017 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.

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 Notice of Intent (NOI) due date listed in the Funding Bulletin if you wish to submit a limited submission program. **Because many limited submission programs often have short turnaround times, it is important that researchers also periodically check the Office of Research's *Limited Submission Opportunities* webpage for additional opportunities that may not have made it into the bulletin. There are currently *six* open limited submission competitions:**

(1) Behavioral Health Workforce Education and Training (BHWET) Program
Health Resources and Services Administration (HRSA) - Bureau of Health Workforce (BHW)
Due Date: Internal NOI 5/19/2017; Application 6/12/2017

This notice solicits applications for the Fiscal Year (FY) 2017 Behavioral Health Workforce Education and Training (BHWET) Program. The BHWET Program aims to develop and expand the behavioral health workforce serving populations across the lifespan, including rural and medically underserved areas. The BHWET Program places special emphasis on establishing or expanding meaningful, longitudinal internships or field placement programs in behavioral health that include interprofessional training for students/interns, faculty, and field supervisors to provide quality behavioral health services. Grant recipients will help close the gap in access to behavioral health care services by establishing partnerships with a broad range of organizations and community partners to ensure a wide recruitment of students, opportunities for field placements, career development, and provide job placement services. Students will be trained in effective behavioral health treatment modalities at interprofessional and team-based care field placement sites or through internships that are working toward or have instituted the integration of behavioral health and primary care. These efforts will aid to increase the number of adequately prepared behavioral health providers serving populations across the lifespan, including persons in rural, vulnerable, and/or medically-underserved communities. **HRSA-17-070** *Applicants may submit up to two applications--one under the Professional Track and one under the Paraprofessional Certificate Track. Applicants may not submit two applications for either the Professional Track or Paraprofessional Track. For example, an institution may submit an application for a master's level professional counseling program (Professional Track) and an application for a community health worker program (Paraprofessional Certificate Track).*

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293172*

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(2) Federal and State Technology (FAST) Partnership Program
United States Small Business Administration (SBA)
Due Date: Internal NOI 6/2/2017; Application 6/20/2017

The mission of SBA's Office of Innovation & Technology, which bears responsibility for administering the FAST Program, is to strengthen the technological competitiveness of small business concerns in every state. The FAST program focuses on improving the participation of small firms in the innovation and commercialization of new technology, thereby helping keep the United States on the cutting edge of research and development in science and technology. **FAST-2017-R-0011** *An organization may submit only one proposal in response to this Announcement.*

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293768*

(3) Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes)
National Science Foundation (NSF)
Due Date: Internal NOI 7/1/2017; Full Proposal 9/18/2017

NSF's Directorate for Computer and Information Science and Engineering (CISE) initiated the National Network of Big Data Regional Innovation Hubs (BD Hubs) program in FY 2015. Four BD Hubs - Midwest, Northeast, South, and West - were established to foster multi-sector collaborations among academia, industry, and government, both nationally and internationally. These BD Hubs are serving a convening and coordinating role by bringing together a wide range of Big Data stakeholders in order to connect solution seekers with solution providers. In FY 2016, the Big Data Regional Innovation Hubs: Establishing Spokes to Advance Big Data Applications (BD Spokes) solicitation began extending the BD Hubs network by establishing multi-institutional and multi-sector collaborations to focus on topics of specific interest to a given region. The first set of BD Spokes was funded in FY 2016. This solicitation calls for new BD Spoke proposals to be awarded in FY 2018. Collaborating with BD Hubs, each BD Spoke will focus on a particular topic that requires Big Data approaches and solutions. The set of activities managed by a BD Spoke will promote progress towards solutions in the chosen topic area. The regional BD Hub Steering Committee will provide general guidance to each BD Spoke and will assist the BD Spoke in coordinating with the national BD Hub network, with other BD Spokes, and with the broader innovation ecosystem.

The Big Data activities of a BD Spoke will be guided by the following broad themes:
- Accelerating progress towards addressing societal grand challenges relevant to the regional and national priority areas defined by the BD Hubs (information on priority areas can be found on each Hub's website listed in the Introduction section below);
- Helping automate the Big Data lifecycle; and

- Enabling access to and spurring the use of important and valuable available data assets, including international data sets where relevant.

NSF's overall Big Data research and development (R&D) portfolio includes fundamental research, infrastructure development and provisioning, education and workforce development, and community engagement. Not all of these aspects of the overall portfolio are covered by this solicitation. In particular, this solicitation is not meant to fund proposals in which fundamental research is the primary activity. If research is a substantial portion of the proposed activities, please consult with a cognizant NSF program officer of this solicitation to help find a more appropriate solicitation. For example, projects focused on foundations and innovative applications related to Big Data may be better suited for submission to the Critical Techniques and Technologies for Advancing Foundations and Applications of Big Data Science & Engineering (BIGDATA) program. Similarly, projects focused primarily on privacy research may be more suited to NSF's Secure and Trustworthy Cyberspace (SaTC) program. **NSF 17-546** There are two proposal categories covered by this solicitation: SMALL and MEDIUM BD Spokes. ***Proposal submissions are limited to 1 per organization (except as non-lead in a collaborative proposal) to maintain a balanced geographic representation of the Regional Hubs and Spokes program and to increase diversity of participating institutions.***

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17546/nsf17546.htm*

(4) Bridges to the Baccalaureate Program (R25)
National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS)
Due Date: Internal NOI 7/1/2017; Application 9/25/2017

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this National Institute of General Medical Sciences (NIGMS) R25 program is to support educational activities that enhance the diversity of the biomedical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development, Research Experiences, and Curriculum or Methods Development. A program application must include each activity, and describe how they will be synergized to make a comprehensive program. The Bridges to Baccalaureate Program is intended to provide these activities to community college students to increase transition to and completion of Bachelor's degree in biomedical sciences. This program requires partnerships between community colleges or other two-year post-secondary educational institutions granting the associate degree with colleges or universities that offer the baccalaureate degree. Additionally, recruitment and retention plans are required as part of the application. **PAR-17-210** ***Applicant organizations may NOT submit more than one application as the lead institution.***

- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PAR-17-210.html*

(5) Research Education: Bridges to the Doctorate (R25)
National Institutes of Health (NIH) - National Institute of General Medical Sciences (NIGMS)
Due Date: Internal NOI 7/1/2017; Application 9/25/2017

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this National Institute of General Medical Sciences (NIGMS) R25 program is to support educational activities that enhance the diversity of the biomedical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on   Courses for Skills Development and Research Experiences. The Bridges to Doctorate Program is intended to provide these educational activities to Master's level students to increase transition to and completion of Ph.D.'s in biomedical sciences. A program application must include each educational activity, and describe how they will be synergized to make a comprehensive program. This program requires partnerships between master's degree-granting institutions with doctorate degree-granting institutions. Additionally, recruitment and retention plans are required as part of the application. **PAR-17-209** *Applicant organizations may not submit more than one application as the Lead Institution; organizations can be the lead on one application and partner on another.*

- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PAR-17-209.html*

(6) Summer Stipends
National Endowment for the Humanities (NEH)
Due Date: Internal NOI 7/14/2017; Nominations 9/27/2017

Summer Stipends support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Eligible projects usually result in articles, monographs, books, digital materials and publications, archaeological site reports, translations, editions, or other scholarly resources. Summer Stipends support projects at any stage of development. **20170929-FT** *Each college and university in the United States and its jurisdictions may nominate two full-time 12 month appointment faculty members. Faculty members with 9 month appointments are exempt from this limitation.*

- **URL:** *https://www.neh.gov/grants/research/summer-stipends*

GENERAL

Maximizing Technology Commercialization of Federal Research Investments through the Best Practices at Innovation and Economic Prosperity Universities
U.S. Department of Commerce – National Institute of Standards and Technology (NIST)
Due Date: 7/10/2017

NIST therefore invites proposals from eligible applicants for a one-year study to evaluate universities that have been designated as Innovation and Economic Prosperity Universities (IEPUs), by the Association of Public and Land-Grant Universities (APLU) for their approaches to innovation and technology commercialization and to review and evaluate existing technology-based collaborations between IEPUs and technology development entities, including Federal research laboratories (FRLs). It is expected that the recipient will: (1) research and broadly disseminate a set of best practice recommendations for increased innovation, commercialization, technology transfer, entrepreneurship and regional partnering and development activities based on the specific activities of IEPUs; (2) identify existing collaboration networks or clusters of IEPUs and technology development entities, including FRLs; (3) identify overlaps and gaps in the technology-based collaboration networks between IEPUs and technology development entities; (4) recommend six pilot projects for new or expanded technology development networks or clusters of IEPUs and technology development entities, including FRLs; and (5) develop an analysis of the potential economic impact of the six pilots and a plan for longer term scale-up, to aid in future resource prioritization. The recipient is expected to disseminate the results of the collaboration networks analysis and the recommendations to the public through publications and white papers in appropriate literature to communicate results to other parties, and through presentations at public meetings or technical events. **2017-NIST-TPO-01**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293779*

Research Associateship Programs
National Academies of Sciences, Engineering, and Medicine - National Research Council (NRC)
Due Date: 8/1/2017, 11/1/2017

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 programs provide an opportunity for concentrated

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research in association with selected members of the permanent professional laboratory staff. For established scientists and engineers, the programs afford an opportunity for research without the interruptions and distracting assignments of permanent career positions. Participating laboratories receive a stimulus to their programs by the presence of bright, highly motivated, recent doctoral graduates and by senior investigators with established records of research productivity. New ideas, techniques, and approaches to problems contribute to the overall research climate of the laboratories. Indirectly, the awards also make available to the broader scientific and engineering communities the excellent and often unique research facilities that exist in the sponsoring laboratories.

- **URL:** *http://sites.nationalacademies.org/PGA/RAP/PGA_050491*

ARTS & HUMANITIES

Rome Prize
American Academy in Rome (AAR)
Due Date: Applications 11/1/2017; Letters of recommendation 11/30/2017

The Prize is to support innovative and cross-disciplinary work in the arts and humanities. Fellowships are awarded in the following disciplines:
- Ancient Studies
- Architecture
- Design
- Historic Preservation and Conservation
- Landscape Architecture
- Literature (includes fiction, literary nonfiction, and poetry)
- Medieval Studies
- Modern Italian Studies
- Musical Composition
- Renaissance and Early Modern Studies
- Visual Arts

Rome Prize winners are the core of the Academy's residential community, which also includes Affiliated Fellows, Residents and Visiting Artists and Visiting Scholars.

- **URL:** *http://www.aarome.org/apply*

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BUSINESS

FY 2017 Regional Innovation Strategies Program
U.S. Department of Commerce (DoC) – Economic Development Administration (EDA)
Due Date: 6/23/2017

EDA is committed to fostering connected, innovation-centric economic sectors which support the conversion of research into products and services, businesses, and ultimately jobs through entrepreneurship. See Section 27. Funding is available for capacity-building programs that provide proof-ofconcept and commercialization assistance to innovators and entrepreneurs and for operational support for organizations that provide essential earlystage funding to startups.

Under the RIS Program, EDA is soliciting applications for two separate competitions:
● **the 2017 i6 Challenge; and**
● **the 2017 Seed Fund Support (SFS) Grant competition.**

Applicants may, but are not required to, submit proposals for more than one competition under the RIS Program. Applicants must provide a matching share from non-Federal sources of at least 50 percent of the total project cost. **EDA-HDQ-OIE-2017-2005260**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293716*

Maximizing Technology Commercialization of Federal Research Investments through the Best Practices at Innovation and Economic Prosperity Universities
U.S. Department of Commerce – National Institute of Standards and Technology (NIST)
Due Date: 7/10/2017

NIST therefore invites proposals from eligible applicants for a one-year study to evaluate universities that have been designated as Innovation and Economic Prosperity Universities (IEPUs), by the Association of Public and Land-Grant Universities (APLU) for their approaches to innovation and technology commercialization and to review and evaluate existing technology-based collaborations between IEPUs and technology development entities, including Federal research laboratories (FRLs). It is expected that the recipient will: (1) research and broadly disseminate a set of best practice recommendations for increased innovation, commercialization, technology transfer, entrepreneurship and regional partnering and development activities based on the specific activities of IEPUs; (2) identify existing collaboration networks or clusters of IEPUs and technology development entities, including FRLs; (3) identify overlaps and gaps in the technology-based collaboration networks between IEPUs and technology development entities; (4) recommend six pilot projects for new or expanded technology

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development networks or clusters of IEPUs and technology development entities, including FRLs; and (5) develop an analysis of the potential economic impact of the six pilots and a plan for longer term scale-up, to aid in future resource prioritization. The recipient is expected to disseminate the results of the collaboration networks analysis and the recommendations to the public through publications and white papers in appropriate literature to communicate results to other parties, and through presentations at public meetings or technical events. **2017-NIST-TPO-01**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293779*

EDUCATION

CyberCorps(R): Scholarship for Service (SFS)
National Science Foundation (NSF)
Due Date: 7/31/2017 (Scholarship Track), 12/5/2017 (Capacity Track)

Cyberspace has transformed the daily lives of people. The rush to embrace cyberspace, however, has exposed its fragility and vulnerabilities: corporations, agencies, national infrastructure and individuals have been victims of cyber-attacks. In December 2011, the National Science and Technology Council with the cooperation of NSF advanced a broad, coordinated Federal strategic plan for cybersecurity research and education to "change the game," examine the misuses of cyber technology, bolster education and training in cybersecurity, establish a science of cybersecurity, and transition promising cybersecurity research into practice. To achieve this strategic plan, the Nation requires an innovative and efficient cybersecurity education system that results in an unrivaled cybersecurity workforce and citizenry capable of advancing America's economic prosperity and national security in the 21st century. The Cybersecurity Enhancement Act of 2014 (Public Law 113-274) authorizes the National Science Foundation, in coordination with the Office of Personnel Management and the Department of Homeland Security, to offer a scholarship program to recruit and train the next generation of information technology professionals, industry control system security professionals and security managers. The CyberCorps(R): Scholarship for Service (SFS) program seeks proposals that address cybersecurity education and workforce development.

The Scholarship Track provides funding to award scholarships to students in cybersecurity. All scholarship recipients must work after graduation for a Federal, State, Local, or Tribal Government organization in a position related to cybersecurity for a period equal to the length of the scholarship. A

proposing institution must provide clearly documented evidence of a strong existing academic program in cybersecurity. Such evidence can include: designation by the National Security Agency and the Department of Homeland Security as a Center of Academic Excellence in Information Assurance Education/Cyber Defense (CAE IA/CD), in Cyber Operations or in Research (CAE-R); a specialized designation by a nationally recognized organization (for example, in forensics); or equivalent evidence documenting a strong program in cybersecurity.

The Capacity Track seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. Proposals are encouraged that contribute to the expansion of existing educational opportunities and resources in cybersecurity and focus on efforts such as research on the teaching and learning of cybersecurity, including research on materials, methods and interventions; curricula recommendations for new courses, degree programs, and educational pathways with plans for wide adoption nationally; teaching and learning effectiveness of cybersecurity curricular programs and courses; integration of cybersecurity topics into computer science, data science, information technology, engineering and other existing degree programs with plans for pervasive adoption; and partnerships between institutions of higher education, government, and relevant employment sectors leading to improved models for the integration of applied research experiences into cybersecurity degree programs. **NSF 17-556**

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17556/nsf17556.htm*

Teacher Workshop Request for Proposals RFP
NASA Kansas Space Grant Consortium (KNEP) – National Aeronautics and Space Administration (NASA)
Due Date: 7/31/2017

The NASA Kansas Space Grant Consortium (KSGC) Teacher In-Service Workshop Program supports the development and implementation of Science, Technology, Engineering, and Mathematics (STEM) educator workshops. NASA is especially interested in targeting middle school educators, who will foster STEM learning and hence STEM workforce development. A special emphasis is placed on involving women and underrepresented minorities. KSGC affiliate proposals are competitively awarded by peer review. A total of $25,000 in NASA funds is available. The KSGC expects to make 2-3 awards. Affiliates must identify a $1.00 commitment for every NASA dollar requested (use of federal matching funds is not allowed). Matching funds can be real-dollar, in-kind, or waived/reduced indirect costs provided by the institution, industry, or private sponsors.

- **URL:** *http://webs.wichita.edu/?u=wsuresearchadmin&p=/orainternalgrants/externalgrants/*

Lifetime Achievement Award
National Council of Teachers of Mathematics (NCTM) - Mathematics Education Trust (MET)
Due Date: 11/3/2017

The award honor members of NCTM who have exhibited a lifetime of achievement in mathematics education at the national level.

- **URL:** *http://www.nctm.org/metlifetime/*

Pre-K-6 Classroom Research Grants
National Council of Teachers of Mathematics (NCTM) - Mathematics Education Trust (MET)
Due Date: 11/3/2017

The purpose of this grant is to support and encourage classroom-based research in precollege mathematics education in collaboration with college or university mathematics educators. Grants will be awarded to mathematics educators or classroom teachers* currently teaching mathematics at the grades Pre-K-6 level. The research must be a collaborative effort involving a college or university mathematics educator (a mathematics education researcher or a teacher of mathematics learning, teaching, or curriculum) and one or more grades Pre-K-6 classroom teachers.

The proposal may include, but is not restricted to, research on the following topics:
- Curriculum development and implementation
- Involvement of at-risk or minority students
- Students' thinking about a particular mathematics concept or set of concepts
- Connection of mathematics to other disciplines
- Focused learning and teaching of mathematics with embedded use of technology (any acquisition of equipment must support the proposed plan but not be the primary focus of the grant)
- Innovative assessment or evaluation strategies

Involvement of preservice teachers is encouraged but not required. This research should lead to a draft article suitable for submission in the Mathematics Teacher Educator, Journal for Research in Mathematics Education, or in one of the NCTM school journals. Proposals must address the following: research design, the plan for collecting and analyzing data, and the anticipated impact on students' learning. The Mathematics Education Trust was established by the National Council of Teachers of Mathematics. *The definition of a classroom teacher is an individual who spends half or more of his/her work time teaching in the classroom.

- **URL:** *http://www.nctm.org/Grants-and-Awards/Grants/Pre-K-6-Classroom-Research-Grants/*

7-12 Classroom Research Grants
National Council of Teachers of Mathematics (NCTM)
Due Date: 11/3/2017

The purpose of this grant is to support and encourage classroom-based research in precollege mathematics education in collaboration with college or university mathematics educators. For 2017-18 grants will be awarded to mathematics educators or classroom teachers currently teaching mathematics at the grades 7-12 level. The research must be a collaborative effort involving a college or university mathematics educator (a mathematics education researcher or a teacher of mathematics learning, teaching, or curriculum) and one or more grades 7-12 classroom teachers (individuals who spend half or more of their work time teaching in the classroom).

The proposal may include, but is not restricted to, research on the following topics:
- Curriculum development and implementation
- Involvement of at-risk or minority students
- Students' thinking about a particular mathematics concept or set of concepts
- Connection of mathematics to other disciplines
- Focused learning and teaching of mathematics with embedded use of technology (any acquisition of equipment must support the proposed plan but not be the primary focus of the grant)
- Innovative assessment or evaluation strategies

Involvement of preservice teachers is encouraged but not required. This research should lead to a draft article suitable for submission in the Mathematics Teacher Educator,Journal for Research in Mathematics Education , or in one of the NCTM school journals. Proposals must address the following: research design, the plan for collecting and analyzing data, and the anticipated impact on students' learning.

- **URL:** *http://www.nctm.org/Grants-and-Awards/Grants/7-12-Classroom-Research-Grants/*

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ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Dear Colleague Letter: Improving and Supporting the Transition to Graduate School in the Mathematical Sciences
National Science Foundation (NSF) (NSF 17-078)

- **URL:***https://www.nsf.gov/pubs/2017/nsf17078/nsf17078.jsp?WT.mc_id=USNSF_25&WT.mc_ev=click*

Early Stage Innovation (ESI)
National Aeronautics and Space Administration (NASA)
Due Date: Encouraged Notices of Intent (NOI) 6/2/2017; Proposals 6/30/2017

Notice seeking proposals focused on innovative, early-stage space technology research of high priority to NASA's Mission Directorates. The goal of this low- technology readiness level (TRL) endeavor is to accelerate the development of groundbreaking, high-risk/high-payoff space technologies, not necessarily directed at a specific mission, to support the future space science and exploration needs of NASA, other government agencies, and the commercial space sector. **NNH17ZOA001N-17ESI-B2**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293777*

Small Business Innovation Research/Small Business Technology Transfer (SBIR/STTR)
U.S. Department of Defense (DoD)
Due Date: 6/21/2017

Notice seeking applications supporting stimulating technological innovation in defense relevant areas, strengthening the role of small business in meeting DoD research and development needs, fostering and encouraging participation by minority and disadvantaged persons in technological innovation, and increasing the commercial application of DoD-supported research or research and development results. Only small businesses may apply. Universities may partner on SBIR awards. Universities must be a partner on STTR awards.

SBIR DOD-SBIR-17-2(541711)
- **URL:***https://www.fbo.gov/?s=opportunity&mode=form&id=20736b909bd09b75ad0ce42578d87595&tab=core&_cview=0*

STTR DOD-SBIR-17-2(541711)
- **URL:***https://www.fbo.gov/?s=opportunity&mode=form&id=7252e1e7932806c0acf018cd90057994&tab=core&_cview=0*

Cyber Assured Systems Engineering (CASE)
U.S. Department of Defense (DoD) - Defense Advanced Research Projects Agency (DARPA)
Due Date: 6/28/2017

DARPA is soliciting innovative research proposals in the area of advanced design and analysis tools that can establish cyber resiliency as an explicit system property. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. Technical areas include: Derive Cyber Requirements; Design for Resiliency; Support Legacy Components; Explainable Formal Methods; Engineering Workflow Integration; Platform Provider; and Evaluation. **HR001117S0033**

- **URL:***https://www.fbo.gov/?s=opportunity&mode=form&id=178c88a4c0e63c612977b19e5848afe7&tab=core&_cview=0*

Science, Technology, Engineering & Mathematics (STEM) Boosting Engineering Science & Technology (BEST) Robotics Grant: Higher Education Agency (HEA) Local Hub Teacher Professional Development (LHTPD) 2017
United States Department of Defense (DOD)- Missile Defense Agency (MDA)
Due Date: 6/30/2017

Missile Defense Agency (MDA) Science, Technology, Engineering, and Mathematics (STEM)
The MDA STEM goal is to increase the awareness of K-12 and college students to Science, Technology, Engineering, and Mathematics, in order to enhance the number of U.S. scientists and engineers capable of solving future Missile Defense challenges in the Government, industry, and academia.

MDA STEM is further guided by the following objectives.
1. Increase the number of high school graduates capable of declaring a college major in a science, technology, engineering, or mathematics (STEM) field.
2. Inspire K-12 and college students about career paths and the activities of scientists and engineers.
3. Investigate real-life, practical uses for applied math and science in K-12 grade classrooms to further degree declarations; and career and life interest in STEM.
4. Present the importance of STEM career opportunities to school personnel, parents, and supporting institutions.

BEST's mission is to engage, inspire and excite students to pursue STEM majors and STEM careers through the vehicle of an after-school robotics program and competition. BEST values access and diversity and encourages participation of all students and schools by providing a free program supported through the fundraising and mentoring efforts of a large higher education and industry

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volunteer corps. The purpose of this announcement is to allow Official BEST Robotics Inc. Local Competition Hubs the opportunity to obtain financial support for providing direct teacher professional development to teachers within their first three (3) years of being a team teacher for a BEST Robotics team. Teacher professional development ensures general STEM training for teachers and ensures a successful experience during their local BEST Robotics season, advancing the awareness of and engagement in STEM with K-12 teachers and students. **MDA-2017-DACV-STEM-0002**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293594*

Research Opportunities in Space and Earth Sciences (ROSES) - Heliophysics Living With a Star Science
National Aeronautics and Space Administration (NASA)
Due Date: Step 1 Proposals 7/7/2017; Step 2 Proposals 8/9/2017

The goal of NASA's Living With a Star (LWS) Program is to develop the scientific understanding needed for the U.S. to effectively address those aspects of Heliophysics science that may affect life and society. LWS Science solicits proposals for research that will lead to a physics-based understanding of the integral system linking the Sun to the Solar System, including the impact on the heliosphere, planetary magnetospheres, and ionospheres. The details of the Living With a Star Science program for ROSES-2016 will be described in an amendment that will be released no less than 90 days in advance of the Step-2 proposal due date. **NNH17ZDA001N-LWS**

- **URL:***https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={1C9A4 184-6072-A46A-588D-EA1FA8F5D750}&path=open*

Science, Mathematics and Research for Transformation (SMART) Scholarship for Service Program
American Society for Engineering Education (ASEE)
Due Date: 7/11/2017

The SMART Scholarship Program is an opportunity for students pursuing an undergraduate or graduate degree in STEM disciplines to receive a full scholarship and be gainfully employed upon degree completion. The program incentivizes students by providing funding for a STEM degree while providing the opportunity to perform hands on research at a DoD facility during the summer months and creating employment for the scholar upon successful completion of their degree. This not only provides the public with a vehicle in which to perform research topics that are on the cutting edge, but also gives opportunity in the form of full tuition to students who would potentially not have been able to attend

universities or colleges due to financial distress. The DoD will offer these scholarships to individuals who have demonstrated ability and special aptitude for training in STEM.

Scholarships are awarded to applicants who are pursuing a degree in, or closely related to, one of the following STEM disciplines:

1. Aeronautical and Astronautical Engineering
2. Biosciences
3. Chemical Engineering
4. Chemistry
5. Civil Engineering
6. Cognitive, Neural, and Behavioral Sciences
7. Computer and Computational Sciences/Computer Engineering
8. Electrical and Engineering
9. Geosciences
10. Industrial Engineering (technical)
11. Information Sciences
12. Materials Science and Engineering
13. Mathematics
14. Mechanical Engineering
15. Naval Architecture and Ocean Engineering
16. Nuclear Engineering
17. Oceanography
18. Operations Research (technical)
19. Physics

The Government may revise the aforementioned disciplines from year to year to ensure they remain relevant to the Defense mission.

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293738*

Towards a Leadership-Class Computing Facility - Phase 1
National Science Foundation (NSF)
Due Date: Letters of Intent 7/14/2017; Full Proposals 11/20/2017

NSF invites proposals for the acquisition and deployment of a High Performance Computing (HPC) system, called the Phase 1 system, with the option of a possible future upgrade to a leadership-class computing facility. **The Phase 1 system will serve two important and complementary purposes:**
- It will serve as a robust, well-balanced, and forward-looking computational asset for a broad range of research topics for which advances in fundamental understanding require the most extreme computational and data analysis capabilities; and

- It will serve as an evaluation platform for testing and demonstrating the feasibility of an upgrade to a leadership-class facility five years following deployment.

A competitive proposal in response to this solicitation will have the following five characteristics:
- A detailed acquisition plan for deploying a reliable and well-balanced HPC system with at least two- to three-fold time-to-solution performance improvement over the current state of the art, the University of Illinois at Urbana-Champaign's (UIUC) Blue Waters system, for a broad range of existing and emerging computational and data intensive applications;
- A thorough operations plan for the Phase 1 system to ensure that it will serve as an effective computational tool for the broad scientific and engineering community, and for the Nation at large;
- A detailed three- to five-year project plan for scientific and technical evaluation of the Phase 1 system that will lead to an upgrade design of a leadership-class system, called the Phase 2 system, as well as the physical facility that will host it: the Phase 2 system is expected to have a ten-fold or more time-to-solution performance improvement over the Phase 1 system;
- Clear and compelling science and engineering use cases, as well as detailed strategic project goals for a leadership-class computing facility; and
- A persuasive articulation of educational and industry outreach, and the achievement of other broader societal impact goals, in the long-term strategic plan for the leadership-class computing facility.

Note that the award of a Phase 1 system does not imply any commitment beyond support for beginning the initial planning process for a leadership-class computing facility. The facility planning process may be terminated at any time if satisfactory progress is not demonstrated through annual reviews. **NSF 17-558**

- **URL:** *https://www.nsf.gov/pubs/2017/nsf17558/nsf17558.htm*

Lifetime Achievement Award
National Council of Teachers of Mathematics (NCTM) - Mathematics Education Trust (MET)
Due Date: 11/3/2017

The award honor members of NCTM who have exhibited a lifetime of achievement in mathematics education at the national level.

- **URL:** *http://www.nctm.org/metlifetime/*

HEALTH, LIFE & EARTH SCIENCES

Amyotrophic Lateral Sclerosis Research Program (ALSRP) - Therapeutic Development Award
*United States Department of Defense (DOD) - Department of the Army - U.S. Army Medical
Research and Materiel Command (USAMRMC) - Office of Congressionally Directed Medical
Research Programs (CDMRP)*
Due Date: Pre-Applications 6/9/2017; Applications 8/31/2017

The goal of the ALSRP is to fund innovative preclinical research to promote the development of new treatments that may contribute to a cure for ALS. **W81XWH-17-ALSRP-TDA**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293657*

Amyotrophic Lateral Sclerosis Research Program (ALSRP) - Therapeutic Idea Award
*United States Department of Defense (DOD) - Department of the Army - U.S. Army Medical
Research and Materiel Command (USAMRMC) - Office of Congressionally Directed Medical
Research Programs (CDMRP)*
Due Date: Pre-Applications 6/9/2017; Applications 8/31/2017

The goal of the ALSRP is to fund innovative preclinical research to promote the development of new treatments that may contribute to a cure for ALS. The Therapeutic Idea Award is designed to promote new ideas aimed at drug or treatment discovery that are still in the early stages of development. Development, modification, and/or validation of preclinical model systems or the application of high-throughput screens to define or assess lead compounds for ALS treatment are of interest. Parallel development of methods to measure either target binding or proximal downstream effects (target engagement) and the potential for undesirable activities at related but unintended targets (selectivity) are encouraged. All proposed research projects should include a well-formulated, testable hypothesis based on strong scientific rationale that holds translational potential to improve ALS treatment and/or advance a novel treatment modality. Projects that focus primarily on investigating the pathophysiology of ALS are outside the scope of this Program Announcement/Funding Opportunity. **W81XWH-17-ALSRP-TIA**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293656*

Community for Engineering Biology Research
Department of Homeland Security (DHS)
Due Date: 6/12/2017

Notice seeking applications supporting efforts to bring together a community of scientists, engineering developers, commercial companies, and end users to enable DHS to both understand the possible directions the synthetic biology community may take in the future, and influence those directions. Successful proposals should: include academic and industrial contacts and stakeholders from a range of biotechnology sectors, including commercial companies, educators, government agencies, and community leaders; demonstrate awareness of leading-edge advancements in synthetic biology; and develop or access roadmaps by which gaps in technology and policy can be closed, with an eye to both government and commercial levers to close those gaps. **DHS-ST-17-108-CBD-0001**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293791*

L'Oreal-UNESCO For Women in Science International Awards
L'Oreal Group - L'Oreal Foundation
Due Date: 6/16/2017

Created in 1998, the L'Oréal-UNESCO For Women in Science International Awards program identifies and supports eminent women in science throughout the world. Each year, Awards Laureates are recognized for their contributions to the advancement of science, in Life or Physical Sciences in alternating years. The 2018 edition of the Awards will designate five outstanding scientific researchers in the Life Sciences, working in one of each of the following regions:

- Africa & the Arab States
- Asia-Pacific
- Europe (including Israel)
- Latin America
- North America

Nominations will be accepted for work in any field of the following Life Sciences.
1. Biological Sciences
2. Medicines and Heath Sciences
3. Ecology and Environmental Sciences

- **URL:** *http://www.forwomeninscience.com/en/awards*

Ovarian Cancer Research Program (OCRP) - Pilot Award
United States Department of Defense (DOD) - Department of the Army - U.S. Army Medical Research and Materiel Command (USAMRMC) - Office of Congressionally Directed Medical Research Programs (CDMRP)
Due Date: Pre-Applications 6/14/2017; Applications 8/24/2017

The mission of the OCRP is to support patient-centered research to prevent, detect, treat, and cure ovarian cancer. Although not required, investigators are encouraged to address one of the FY17 Areas of Encouragement in their applications:
- Novel therapies and associated predictive biomarkers
- Non-invasive surveillance and assessment of disease
- Treatment resistance
- Immunotherapy
- Etiology, epidemiology, and prevention
- Early detection
- Rare subtypes
- Host-tumor interactions
- Survivorship and quality of life

The OCRP Pilot Award supports the exploration of innovative concepts or theories in ovarian cancer that could ultimately lead to critical discoveries or major advancements that will drive the field forward. The proposed research must demonstrate a clear focus on ovarian cancer (e.g., using tissues, cell lines, datasets, or appropriate animal models). The proposed research should include a testable hypothesis based on strong scientific rationale and serve as a catalyst to expand or modify current thinking about and/or approaches in ovarian cancer. **W81XWH-17-OCRP-PA**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293667*

Ovarian Cancer Research Program (OCRP) - Investigator-Initiated Research Award
United States Department of Defense (DOD) - Department of the Army - U.S. Army Medical Research and Materiel Command (USAMRMC) - Office of Congressionally Directed Medical Research Programs (CDMRP)
Due Date: Pre-Applications 6/21/2017; Applications 9/6/2017

The mission of the OCRP is to support patient-centered research to prevent, detect, treat, and cure ovarian cancer. Although not required, investigators are encouraged to address one of the FY17 Areas of Encouragement in their applications:

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- Novel therapies and associated predictive biomarkers
- Non-invasive surveillance and assessment of disease
- Treatment resistance
- Immunotherapy
- Etiology, epidemiology, and prevention
- Early detection
- Rare subtypes
- Host-tumor interactions
- Survivorship and quality of life

The OCRP Investigator-Initiated Research Award is intended to support high-impact research that has the potential to make an important contribution to ovarian cancer or patient/survivor care. Research projects may focus on any phase of research, from basic laboratory research through translational research, excluding clinical trials. The application must demonstrate logical reasoning and a sound scientific rationale established through a critical review and analysis of the literature for the application to be competitive. Applications must include preliminary data that are relevant to ovarian cancer and support the proposed research project. **W81XWH-17-OCRP-IIRA**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293664*

STTI/ATI Educational Assessment Nursing Research Grant
Sigma Theta Tau International Honor Society of Nursing (STTI)
Due Date: 7/1/2017

This grant co-sponsored by ATI Nursing Education (ATI) with the Honor Society of Nursing, Sigma Theta Tau International (STTI) will support research demonstrating the use of standardized assessments and curriculum support materials in nursing education. Possible research areas include, but are not limited to: admission and retention of students; assessing student performance and simulation.

- **URL:** *http://www.nursingsociety.org/advance-elevate/research/research-grants/stti-ati-educational-assessment-nursing-research-grant*

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NIA Academic Leadership Career Award (K07)
National Institutes of Health (NIH) - National Institute on Aging (NIA)
Due Date: 10/12/2017, 2/12/2018, 6/12/2018

The objective of the NIA Academic Leadership Career Award (K07) is to provide support for senior investigators who have the expertise and leadership skills to enhance aging and geriatric research capacity within their academic institution. **PAR-17-287**

- **URL:** *https://grants.nih.gov/grants/guide/pa-files/PAR-17-287.html*

INTERNATIONAL

FDI and Trade: International Engagement Ready Communities
United States Department of Commerce (DOC) - Economic Development Administration (EDA)
Due Date: 6/12/2017

This initiative will assist communities in attracting more foreign direct investment (FDI) to strengthen their local economies by helping them identify and adopt economic development and workforce best practices related to attracting FDI, and fostering a supportive environment for local exporting communities. Through this funding opportunity, EDA seeks to continue to build on its strong foundation of connecting communities to best practices. **EDA-HDQ-RNTA-2017-2005262**

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=293705*

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NEW FACULTY / INVESTIGATOR

2017 Gridley McKim Smith Fellowship Awards
Foundation for Women's Wellness
Due Date: 6/20/2017

The [Foundation for Women's Wellness](), a nonprofit charity dedicated to improving women's health by raising support for innovative early-stage research and education, is accepting applications for its 2017 Gridley McKim Smith Fellowship Awards. Through the program, two $5,000 grants will be awarded in support of basic, clinical, or epidemiological research. The foundation will not consider sociological or population-related investigations. To be eligible, applicants must currently hold or be pursuing an MD and/or PhD at a U.S.-based academic institution and must still be in the process of completing his/her education or medical training (specialty training, fellowship, or the like). See the FWW website for complete program guidelines and application instructions.

- **URL:** *http://thefww.org/fellowship-awards/*

Research Opportunities in Space and Earth Sciences (ROSES) - New (Early Career) Investigator Program in Earth Science
National Aeronautics and Space Administration (NASA)
Due Date: Notices of Intent 7/31/2017; Proposals 8/31/2017

The New (Early Career) Investigator Program (NIP) in Earth Science is designed to encourage the integration of Earth system research and education/outreach by scientists and engineers at the early stage of their professional careers. The program encourages scientists and engineers at academic and/or research institutions to develop a broader sense of responsibility for effectively contributing to the improvement of science education and public science literacy; it provides an opportunity for the investigators to develop partnerships and/or enhance their skills, knowledge, and ability to communicate the excitement, challenge, methods, and results of their work to teachers, students, and the public. The Earth Science Division places particular emphasis on the investigators' ability to promote and increase the use of space-based remote sensing through the proposed research and education projects. All NIP proposals must contain both a research element that addresses one of the topical areas identified below, as well as a significant program of education, communication, or outreach activities, including interdisciplinary endeavors (e.g., reaching out to practitioners in disciplines beyond physical sciences and engineering, such as social sciences). **NNH17ZDA001N-NIP**

The research Focus Areas appropriate for the NIP are:
- Carbon Cycle and Ecosystems,
- Climate Variability and Change,

- **Water and Energy Cycle,**
- **Atmospheric Composition,**
- **Weather, and**
- **Earth Surface and Interior.**

- **URL:***https://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={2161E672-FE28-696A-DF0D-D17016CA0C0D}&path=open*

Research Associateship Programs
National Academies of Sciences, Engineering, and Medicine - National Research Council (NRC) - USA
Due Date: 8/1/2017, 11/1/2017

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 programs provide an opportunity for concentrated research in association with selected members of the permanent professional laboratory staff. For established scientists and engineers, the programs afford an opportunity for research without the interruptions and distracting assignments of permanent career positions. Participating laboratories receive a stimulus to their programs by the presence of bright, highly motivated, recent doctoral graduates and by senior investigators with established records of research productivity. New ideas, techniques, and approaches to problems contribute to the overall research climate of the laboratories. Indirectly, the awards also make available to the broader scientific and engineering communities the excellent and often unique research facilities that exist in the sponsoring laboratories.

- **URL:** *http://sites.nationalacademies.org/PGA/RAP/PGA_050491*

SOCIAL & BEHAVIORAL SCIENCES

Behavioral Interventions Scholars
United States Department of Health and Human Services (HHS) - Administration for Children and Families (ACF) - Office of Planning, Research, and Evaluation (OPRE)
Due Date: 6/7/2017; 7/31/2017

The Administration for Children and Families (ACF), Office of Planning, Research, and Evaluation (OPRE) is soliciting applications for Behavioral Interventions Scholars grants to support dissertation research by advanced graduate students who are using behavioral science approaches to examine specific research questions of relevance to social service programs and policies. These grants are meant to build capacity in the research field to apply a behavioral lens to issues facing poor and vulnerable families in the United States, and to foster mentoring relationships between faculty members and high-quality doctoral students. Applicants are required to demonstrate the applicability of their research to practice or policy serving low-income children, adults, and families, especially those that seek to improve their well-being. Specific topics of interest will be delineated in the full funding opportunity announcement. **HHS-2017-ACF-OPRE-PD-1201**

The specific goals of the Behavioral Interventions Scholars grants are:
1. To facilitate the completion of high-quality research projects that will add to the growing body of knowledge on effective behavioral interventions with direct relevance to issues facing low-income families and other vulnerable groups.
2. To directly support graduate students' engagement in behavioral science research as it relates to ACF programs and/or populations, as well as their training and professional development. Students are expected to become autonomous researchers with specialized knowledge of the intersection of behavioral insights and issues affecting ACF populations.
3. To foster mentoring relationships between faculty members or other experienced researchers and graduate students who are pursuing doctoral-level research in the field of applied behavioral science or related fields. Each student will work in partnership with a mentor to foster the skills necessary to build a graduate student's career trajectory. Within this mentoring relationship, scholars are expected to become independent researchers with the skills necessary to carry out behavioral science studies with a high level of technical quality.
4. To encourage active communication, networking, and collaboration among the group of graduate student grantees, their mentors, and other prominent researchers in the field, both during the graduate students' training as well as into the early stages of their research careers.
5. To disseminate information about effective behavioral interventions, including by increasing knowledge-sharing with human services practitioners.

- **URL:** *https://www.grants.gov/web/grants/view-opportunity.html?oppId=284799*

Perception, Action and Cognition
National Science Foundation (NSF)
Due Date: 6/15/2017 (Workshop and Conference proposals only), 8/1/2017 (Research proposals only)

The PAC program funds theoretically motivated research on a wide-range of topic areas focused on typical human behavior. The aim is to enhance the fundamental understanding of perceptual, motor, and cognitive processes and their interactions. Central research topics for consideration by the program include vision, audition, haptics, attention, memory, reasoning, written and spoken language, and motor control. The program welcomes a wide range of perspectives, such as individual differences, symbolic computation, connectionism, ecological, genetics, nonlinear dynamics, and complex systems, and a variety of methodologies including both experimental studies and modeling. The PAC program is open to co-review of proposals submitted to other programs both within the Social, Behavioral, and Economic Sciences Directorate and across other directorates. Proposals may involve clinical populations, animals, brain imaging, or computational modeling, or factors such as emotion and sleep, only if the work has direct impact on our understanding of basic processes underlying human perception, action, or cognition. **PD 09-7252**

- **URL:** *https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5686*

Political Science Doctoral Dissertation Research Improvement Grants (PS DDRIG)
National Science Foundation (NSF)
Due Date: 6/15/2017

The Political Science Program supports scientific research that advances knowledge and understanding of citizenship, government, and politics. Research proposals are expected to be theoretically motivated, conceptually precise, methodologically rigorous, and empirically oriented. Substantive areas include, but are not limited to, American government and politics, comparative government and politics, international relations, political behavior, political economy, and political institutions. In recent years, program awards have supported research projects on bargaining processes; campaigns and elections, electoral choice, and electoral systems; citizen support in emerging and established democracies; democratization, political change, and regime transitions; domestic and international conflict; international political economy; party activism; political psychology and political tolerance. The Program also has supported research experiences for undergraduate students and infrastructural activities, including methodological innovations, in the discipline. **NSF 15-571**

- **URL:** *https://www.nsf.gov/pubs/2015/nsf15571/nsf15571.htm*

Methodology, Measurement, and Statistics (MMS)
National Science Foundation (NSF)
Due Date: 8/31/2017, 1/25/2018

The Methodology, Measurement, and Statistics (MMS) Program is an interdisciplinary program in the Social, Behavioral, and Economic Sciences that supports the development of innovative analytical and statistical methods and models for those sciences. MMS seeks proposals that are methodologically innovative, grounded in theory, and have potential utility for multiple fields within the social and behavioral sciences. As part of its larger portfolio, the MMS Program partners with a consortium of federal statistical agencies to support research proposals that further the development of new and innovative approaches to surveys and to the analysis of survey data. The MMS Program provides support through a number of different funding mechanisms. **NSF 14-574**

- **URL:** *https://www.nsf.gov/pubs/2014/nsf14574/nsf14574.htm*

STUDENTS

AAHD Frederick J. Krause Scholarship on Health and Disability
American Association on Health and Disability (AAHD)
Due Date: 11/15/2017

The scholarship is awarded annually to a deserving student with a disability who is pursuing undergraduate/graduate studies (must be at least enrolled as a Junior in college) in an accredited university who is pursuing studies related to the health and disability, to include, but not limited to public health, health promotion, disability studies, disability research, rehabilitation engineering, audiology, disability policy, special education and majors that will impact quality of life of persons with disabilities.

- **URL:** *https://www.aahd.us/initiatives/scholarship-program/*