

Funding Bulletin

April 6th, 2018 (Vol. 5, No. 13)

Funding Information

*****PLEASE NOTE***** *The Office of Research Funding Bulletin is being phased out with the last edition available on Friday, April 20th, 2018. To continue to receive funding updates and opportunities, we encourage you to utilize the campus' [PIVOT](#) subscription. Pivot provides you with the ability to find funding opportunities specifically tailored to your research area(s) based on keywords you provide. Please login to Pivot to update your funding searches or follow the above link to register for an account. Online tutorials are available, or, if you would like to schedule an in-person tutorial, please contact Sarah Haug at funding@wichita.edu.*

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

[WORKSHOPS](#)

[INTERNAL OPPORTUNITIES](#)

[NOTICES](#)

[LIMITED SUBMISSIONS](#)

[ARTS & HUMANITIES](#)

[GENERAL](#)

[EDUCATION](#)

[ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES](#)

[HEALTH, LIFE & EARTH SCIENCES](#)

[MULTIPLE DISCIPLINES](#)

[NEW FACULTY/INVESTIGATOR](#)

[SOCIAL & BEHAVIORAL SCIENCES](#)



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 Kendra Nguyen at kendra.nguyen@wichita.edu or 978-3285.

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

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
IRB Open Lab	Apr 12	9:30 – 11:00 a.m.	409E Jardine	The IRB Administrator will be holding Open Labs this spring for Faculty, Staff or Students who have questions about the new forms or about their study in general. <i>This is a come and go lab with no registration required.</i>
Research Compliance Open Lab	Apr 18	9:00 – 11:00 a.m.	Devlin Hall Innovation Hub	The Research Compliance Office will hold an open lab for questions regarding hiring foreign nationals; shipping or receiving items from outside the US; international travel; review of Research projects for export compliance; conflicts of interest & management plans. <i>This is a come and go lab with no registration required.</i>
SBIR Monthly Q&A	Apr 19	2:00 – 4:00 p.m.	Experiential Engineering Building 163	These monthly sessions allow students, faculty and staff to learn more about the U.S. government's Small Business Innovation Research (SBIR) and Small Business Technology Transfer (STTR) programs or ask questions about specific topics.

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.



NOTICES

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/>

INTERNAL OPPORTUNITIES

University Research/Creative Projects (URCA) – Round One

Wichita State University

Due Date: 4/6/2018

Applications for Round 1 of the University Research/Creative Projects (URCA) are due to the Office of Research and Technology Transfer by Apr. 6 at 5:00 p.m. for grant period July 1, 2018 – June 30, 2019. URCA's are to retool or reestablish productive research/creative projects agenda. In areas where external funding is available, the URCA may be used as seed money to develop pilot data. Areas where access to external sources is limited may receive special consideration. Grants may be for up to \$4,500 awarded in two separate competitions: New - tenure-eligible faculty in their first or second year of probation to initiate research/creative projects, and Established - tenured faculty or probationary faculty in their 3rd (or more) year of probation to retool or re-establish productive research/creative agenda. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

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 *five* open limited submission competitions (please see our website for additional limited submissions whose internal deadlines that have passed but may still be accepted NOIs):**

(1) Henry Dreyfus Teacher-Scholar Awards Program

Camille and Henry Dreyfus Foundation, Inc.

Due Date: Internal NOIs 4/6/2018; Nomination 5/18/2018

The Henry Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented young faculty in the chemical sciences at undergraduate institutions. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers. The award is based on accomplishment in scholarly research with undergraduates, as well as a compelling commitment to teaching. The Foundation seeks Henry Dreyfus Teacher-Scholars who, as independent faculty members, have demonstrated leadership in original scholarly research of outstanding quality, substantially with undergraduates, as well as excellence and dedication in undergraduate education. Recommendations for awards are based on evidence of outstanding educational efforts and the nominee's scholarly research achievements with undergraduates as an independent faculty member, as assessed by a panel of distinguished faculty in the chemical sciences. The three outside letters of support (see below for details) are of particular value to the reviewers. Other considered factors are: awards and honors, publication of research achievements in leading journals, and success in attracting research funding. ***Institutions may submit only one Henry Dreyfus nomination annually.***

- URL: http://www.dreyfus.org/awards/henry_dryfus_teacher_award.shtml

(2) Research Initiative for Scientific Enhancement (RISE) (R25)

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

Due Date: Internal NOIs 4/6/2018; Application 5/25/2018

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on research experiences and courses for skills development. Applicants should directly address how the set of activities will enhance the diversity of the biomedical, behavioral and clinical research workforce by discussing 1) the rationale underlying the balance of effort and resources dedicated to each activity; 2) how the three activities integrate; and 3) objective indicators that can measure the effectiveness of the program. **PAR-16-361 Only one application per institution is allowed**

- URL: <https://grants.nih.gov/grants/guide/pa-files/PAR-16-361.html>

(3) Health Careers Opportunity Program: The National HCOP Academies

U.S. Dept. of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA) - Bureau of Health Workforce (BHW)

Due Date: Internal NOIs 4/20/2018; Full Proposal 5/29/2018

The Health Resources and Services Administration (HRSA), Bureau of Health Workforce (BHW) is accepting applications for the fiscal year (FY) 2018 Health Careers Opportunity Program (HCOP), herein after referred to as the "National HCOP Academies." The goal of the National HCOP Academies is to expand and better prepare the health care workforce of the 21st century by funding projects to increase and support opportunities for individuals from disadvantaged backgrounds to enter a health profession. More specifically, the purpose of the National HCOP Academies grant program is to: 1) promote the recruitment of qualified individuals from disadvantaged backgrounds into the health professions, including allied health programs; 2) improve retention, matriculation and graduation rates by implementing tailored enrichment programs designed to address the academic and social needs of disadvantaged students; and 3) provide opportunities for community-based health profession training in primary care, emphasizing experiences in rural and underserved communities. **HRSA-18-007 Multiple applications from an institution are not allowable.**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302205>

(4) Shared Instrumentation for Animal Research (SIFAR) Grant Program

National Institutes of Health (NIH) - Office of Research Infrastructure Programs (ORIP)

Due Date: Internal NOIs 4/20/2018; Application 5/31/2018

The Shared Instrumentation for Animal Research (SIFAR) Grant Program encourages applications from groups of NIH-funded investigators to purchase or upgrade scientific instruments necessary to carry out animal experiments in all areas of biomedical research supported by the NIH. Applicants may request clusters of commercially available instruments configured as specialized integrated systems or as series of instruments to support a thematic well-defined area of research using animals or related materials. Priority will be given to uniquely configured systems to support innovative and potentially transformative investigations. This FOA supports requests for state-of-the art commercially available technologies needed for NIH-funded research using any vertebrate and invertebrate animal species. This funding opportunity announcement (FOA) does not support requests for single instruments. **PAR-18-599 Applicant organizations may submit only one application per institution.**

- URL: <https://grants.nih.gov/grants/guide/pa-files/PAR-18-599.html>

(5) Cybersecurity Innovation for Cyberinfrastructure (CICI)

National Science Foundation (NSF)

Due Date: Internal NOIs 5/4/2018; Full Proposal 6/4/2018

The objective of the Cybersecurity Innovation for Cyberinfrastructure (CICI) program is to develop, deploy and integrate security solutions that benefit the scientific community by ensuring the integrity, resilience and reliability of the end-to-end scientific workflow. **NSF 18-547 Organizations are limited to 2 CICI proposals.**

CICI seeks three categories of projects:

1. Secure Scientific Cyberinfrastructure: These awards seek to secure the scientific workflow by encouraging novel and trustworthy architectural and design approaches, models and frameworks for the creation of a holistic, integrated security environment that spans the entire scientific CI ecosystem;
2. Collaborative Security Response Center: This single award targets the development of a community resource to provide security monitoring, analysis, expertise, and resources Research & Education (R&E) cyberinfrastructure staff, regardless of physical location or organization; and
3. Research Data Protection: These awards provide solutions that both ensure the provenance of research data and reduce the complexity of protecting research data sets regardless of funding source.

- URL: <https://www.nsf.gov/pubs/2018/nsf18547/nsf18547.htm>

GENERAL

Grants and Research Program for Financial Literacy

National Endowment for Financial Education (NEFE)

Due Date: Letters of Inquiry 6/5/2018, 12/4/2018

The grants program seeks innovative research that can make a profound contribution to the field of financial literacy. Inquiries are encouraged from disciplines in fields as diverse as:

- **behavior**
- **marketing**
- **economics**
- **finance**
- **neuroscience**
- **meducation**
- **sociology**
- **change theory**
- **psychology**
- **decision sciences and others**

Project outcomes should be actionable in the field of financial literacy, directly relevant to the financial well-being of the public, and able to be applied broadly. NEFE seeks projects whose outcomes can improve the public's ability to achieve personal and household financial well-being. Of particular interest are proactive research projects initiated from one of a broad spectrum of scholarly disciplines whose findings may cultivate critical thinking in the financial literacy community. Also of interest are development projects that put research recommendations into action. Project outcomes must be capable of achieving traction and measurable impact with audiences such as financial education intermediaries, researchers, practitioners, decision makers, and others who can achieve effective outreach to a target population with an unmet financial literacy need or to the general public.

- **URL:** <https://www.nefe.org/What-We-Provide/Research-Funding/Grant-Guidelines>



Fiscal Year (FY) 2019 Department of Defense Multidisciplinary Research Program of the University Research Initiative -

U.S. Dept. of Defense (DOD)

Due Date: White Papers 6/29/2018; Full Proposals 10/16/2018

The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. **N00014-18-S-F006**

Dept. of the Navy (U.S. Navy) – Office of Naval Research (N00014-18-S-F006)

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302058>

Dept. of the Army – U.S. Army Materiel Command (AMC) (W911NF18S0003)

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302218>

Defense University Research Instrumentation Program (DURIP)

United States Department of Defense (DOD) - Army/Navy/ Air Force

Due Date: 7/6/2018 (Pre-Proposal Inquiries and Questions Deadline 6/15/2018)

The Department of Defense (DoD) announces the Fiscal Year 2019 Defense University Research Instrumentation Program (DURIP). DURIP is designed to improve the capabilities of accredited United States (U.S.) 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 or instrumentation.

Army (W911NF18S0002)

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=301941>

Navy (N00014-18-S-F007)

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=302053>

Air Force (FOA-AFRL-AFOSR-2018-0002)

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=301934>



Faculty Early Career Development (CAREER) Program

National Science Foundation (NSF)

Due Date: 7/18/2018 (BIO, CISE, EHR); 7/19/2018 (ENG); 7/20/2018 (GEO, MPS, SBE)

The CAREER Program is a Foundation-wide activity that offers the NSF's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. Each year NSF selects nominees for the Presidential Early Career Awards for Scientists and Engineers (PECASE) from among the most meritorious recent CAREER awardees. Selection for this award is based on two important criteria: 1) innovative research at the frontiers of science and technology that is relevant to the mission of NSF, and 2) community service demonstrated through scientific leadership, education or community outreach. These awards foster innovative developments in science and technology, increase awareness of careers in science and engineering, give recognition to the scientific missions of the participating agencies, enhance connections between fundamental research and national goals, and highlight the importance of science and technology for the Nation's future. Individuals cannot apply for PECASE. These awards are initiated by the participating federal agencies. At NSF, up to twenty nominees for this award are selected each year from among the PECASE-eligible CAREER awardees who are most likely to become the leaders of academic research and education in the twenty-first century. The White House Office of Science and Technology Policy makes the final selection and announcement of the awardees. The participating NSF components are the Directorate for Biological Sciences (BIO), the Directorate for Computer and Information Science and Engineering (CISE), the Directorate for Education and Human Resources (EHR), the Directorate for Engineering (ENG), the Directorate for Geosciences (GEO), the Directorate for Mathematical and Physical Sciences (MPS), the Directorate for Social, Behavioral and Economic Sciences (SBE), and the Office of International and Integrative Activities (OIIA). **NSF 17-537**

- URL: <https://www.nsf.gov/pubs/2017/nsf17537/nsf17537.htm>

ARTS & HUMANITIES

Haunting Humanities: Disciplines in the Dark

University of Kansas

Due Date: 4/17/2018

The University of Kansas request proposals from humanities faculty and graduate students from across the state for innovative presentations with a "haunted humanities" theme. Accepted projects will receive up to \$1,000 in support, based on the proposed budget and level of work and engagement. Programming may include, but is not limited to, brief scholarly presentations, activities, games, etc. (e.g., five-minute flash presentation given several times throughout the evening); 20-minute themed research presentations; and 15-minute Ted Talk-style presentations.

Successful applicants will be invited to present at an evening of haunted humanities scholarship on Oct. 24 at Abe & Jake's Landing in Lawrence, Kansas. The application deadline is Tuesday, April 17. Contact Sarah Bishop with questions at sarahbishop@ku.edu or 785-864-7823.

- URL: <https://hallcenter.ku.edu/special-events-1>

Activating Community Opportunities Using Museums/Libraries as Assets - A National Leadership Grants Special Initiative

Institute of Museum and Library Services (IMLS)

Due Date: 5/14/2018

National Leadership Grants for Libraries (NLG-Libraries) and National Leadership Grants for Museums (NLG-Museums), under which this special initiative falls, support projects that address challenges faced by the library and museum fields and that have the potential to advance practice in those fields. Successful projects will generate results such as new tools, research findings, models, services, practices, or alliances that can be widely used, adapted, scaled, or replicated to extend the benefits of federal investment. Activating Community Opportunities Using Museums/Libraries as Assets is part of a special Community Catalyst initiative under the National Leadership Grant programs. For this special initiative, the Institute of Museum and Library Services (IMLS) is interested in supporting projects that address significant challenges and opportunities facing the library, archive, and museum (LAM) fields and that have the potential to advance theory and practice. This joint Libraries and Museums special call for proposals invites projects that will help LAMs and their communities learn together how to build upon the unique abilities of LAMs to achieve positive change. Successful projects will exemplify how LAMs can provide trusted spaces for ongoing community dialog and exploration of the intersections between individual narratives. In addition, successful projects will demonstrate the viability of using

and adapting existing approaches gleaned from the collective impact, social well-being, and community development arenas. A range of approaches are currently being employed in these fields that could be helpful as potential applicants consider their proposed projects. **NLG-SI-CC-FY18**

- URL: <https://www.ims.gov/grants/available/activating-community-opportunities-using-museums-libraries-assets-national>

Project Grant for Researchers (PGR)

Louisville Institute (LI)

Due Date: 10/1/2018

The PGR program supports research, reflection, and writing concerning Christian faith and life, the practice of ministry, and/or adaptive challenges confronting religious institutions. Grants support a diverse range of projects that may involve independent study, consultations, or collaborative projects involving pastors and academics. Projects that show potential to benefit the Christian church in North America are particularly attractive to the Institute. Successful proposals show how all aspects of the project are shaped in clear reference to a core, guiding question, and how the overall research design is well-suited to the time frame in view. Preference will be given to projects that show potential for empirical inquiry and discovery, for generating and systematically analyzing reliable new data rather than repackaging conventional knowledge. The proposed research should be framed with reference to relevant scholarship and its significance. In contrast to the Sabbatical Grant for Researchers - which typically buys release time from academic duties - PGR funds are often used to support specified project activities and resources: e.g., research assistants; personal or group interviews; quantitative surveys; interview transcription and coding; hands-on examination of archival records; and other activities involved in gathering and analyzing empirical data. Proposed projects may employ a variety of methodological perspectives, including, but not limited to, historical, systematic and practical theology, the social sciences, history, ethics, or biblical studies. They may also be interdisciplinary in nature. All applicants should make clear how their project will contribute to the vitality of Christianity in North America.

- URL: <https://louisville-institute.org/programs-grants-and-fellowships/grants/project-grant-for-researchers/>

EDUCATION

Small Research Grants

Spencer Foundation

Due Date: 5/1/2018, 8/1/2018

The Small Research Grants program is intended to support education research projects with budgets of \$50,000 or less. In keeping with the Spencer Foundation's mission, this program aims to fund academic work that will contribute to the improvement of education, broadly conceived. In the past, the sponsor has requested that proposals within the Small Grants program be submitted within one of the areas of inquiry listed below. The Foundation does not use this information in the review process, but captures it in the application to better understand the variety of research that is proposed. The areas are broadly organized as follows:

Field-Initiated: Proposals in this area are those that fall under the Spencer Foundation's general mission of funding research on education, but don't appear to fit in one of the areas mentioned below.

The Relation between Education and Social Opportunity: This area would include projects that seek to shed light on the role education can play in reducing economic and social inequalities -- as well as, sometimes, reinforcing them -- and to find ways to more fully realize education's potential to promote more equal opportunity.

Teaching, Learning, and Instructional Resources: Studies in this area would be those that will lead to better understanding and improvements in the intellectual, material, and organizational resources that contribute to successful teaching and learning.

The New Civics: This area represents the broader Foundation belief that cultivating knowledge and new ideas about civic education will ultimately improve students' lives and enrich society. The designation "new" refers to an expanded understanding of civic education and its relationship to civic action.

Organizational Learning in Schools, School Systems, and Higher Education Systems: Research in this area would contribute to strengthening the capacity of schools and education systems to operate as learning organizations.

Purposes and Values of Education: Proposals in this area would be interested in advancing analytical, historical, and empirical work that probes effectively and creatively into deeply challenging and permanently important issues which can contribute toward social decision-making that moves education along constructive paths.

- URL: <https://www.spencer.org/small-research-grants>

Grants

Caplan Foundation for Early Childhood

Due Date: Letters of Inquiry 9/30/2018

The Foundation is intended to be an incubator of promising research and development projects that may ultimately enhance the development, health, safety, education or quality of life of children from infancy through seven years of age across the country.

Each of its grants is made with the expectation that a successful project outcome will be of significant interest to other investigators or developers, within the grantee's field of endeavor, and will be amenable to beneficial application or adaptation elsewhere. In essence, the foundation's goal is to provide seed money for those imaginative endeavors, addressed to the needs of young children, which appear most likely to bear fruit on a national scale.

The Foundation provides funding in the following areas:

1. Early Childhood Welfare
2. Early Childhood Education and Play
3. Parenting Education

- URL: <http://earlychildhoodfoundation.org/>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

NSF-CBMS Regional Research Conferences in the Mathematical Sciences

National Science Foundation (NSF)

Due Date: 4/27/2018

The NSF-CBMS Regional Research Conferences in the Mathematical Sciences are a series of five-day conferences each of which features a distinguished lecturer delivering ten lectures on a topic of important current research in one sharply focused area of the mathematical sciences. CBMS refers to the Conference Board of the Mathematical Sciences which publicizes the conferences and administers the resulting publications. Support is provided for about 30 participants at each conference. Proposals should address the unique characteristics of the NSF-CBMS conferences, outlined in the Program Description. **NSF 13-550**

- URL: <https://www.nsf.gov/pubs/2013/nsf13550/nsf13550.htm>

D.4 University Leadership Initiative (ULI)

National Aeronautics and Space Administration (NASA)

Due Date: Step-A Proposals 5/16/2018 (Step-B proposals due 60 days after request for Step-B Proposals issued)

ULI was created to initiate a new type of interaction between ARMD and the university community, where universities take the lead, build their own teams, and set their own research path. This initiative seeks new, innovative ideas that can support the NASA ARMD portfolio and the U.S. aviation community. NNH18ZEA001N-ULI

In this solicitation, NASA's Transformative Aeronautics Concepts (TAC) Program is seeking proposals for work in seven topic areas corresponding to the six ARMD strategic thrusts (Topics 1-6) [1] and a special topic in Aviation Manufacturing described below:

- Topic 1: Safe, Efficient Growth in Global Operations
- Topic 2: Innovation in Commercial Supersonic Aircraft
- Topic 3: Ultra-Efficient Commercial Vehicles
- Topic 4: Transition to Alternative Propulsion and Energy
- Topic 5: Real-Time System-Wide Safety Assurance
- Topic 6: Assured Autonomy for Aviation Transformation
- Topic 7: Aviation Manufacturing

- URL: <https://nspires.nasaprs.com/external/solicitations/summary/init.do?solId={6FF95961-23CC-BDB2-5ED1-5A202A343A1C}&path=open>

Bower Award and Prize for Achievement in Science

Franklin Institute

Due Date: Intent to Nominate Email 4/30/2018; Self-Nominations and Nominations 5/31/2018

The Franklin Institute seeks nominations for the 2019 Bower Award and Prize for Achievement in Science of individuals who have made significant contributions to green and sustainable chemistry--chemistry focused on the technological design of chemical products and processes that reduce or eliminate the use or generation of hazardous substances. Objectives of green and sustainable chemistry include: minimizing the use of chemical raw materials, reducing waste, lowering the toxicity of utilized chemicals, and improving lifecycle through the use of more sustainable or renewable raw materials to produce fuels or chemicals, thereby minimizing the environmental impact of chemical processes.

- URL: <https://www.fi.edu/awards/bower-award-prize-achievement-science>

FY 2019 DoD Multidisciplinary Research Program of the University Research Initiative

U.S. Dept. of Defense (DoD)

Due Date: White Papers 6/29/2018; Full Proposals 10/16/2018

The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. **N00014-18-S-F006**

Dept. of the Navy (U.S. Navy) – Office of Naval Research (N00014-18-S-F006)

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302058>

Dept. of the Army – U.S. Army Materiel Command (AMC) (W911NF18S0003)

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302218>

I2O Office-wide BAA

U.S. Department of Defense (DoD) - Defense Advanced Research Projects Agency (DARPA)

Due Date: Abstracts 7/12/2018; Applications 8/31/2018

Notice seeking applications to develop evolutionary research ideas for topics not being addressed by ongoing I2O programs or other published solicitations to include symbiosis, analytics and cyber security. **HR001117S0048**

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=297028>

Computer and Information Science and Engineering (CISE) Research Initiation Initiative (CRII)

National Science Foundation (NSF)

Due Date: 8/9/2018

With the goal of encouraging research independence immediately upon obtaining one's first academic position after receipt of the PhD, CISE will award grants to initiate the course of one's independent research. Understanding the critical role of establishing that independence early in one's career, it is expected that funds will be used to support untenured faculty or research scientists (or equivalent) in their first three years in a primary academic position after the PhD, but not more than a total of five years after completion of their PhD. One may not yet have received any other grants or contracts in the Principal Investigator (PI) role from any department, agency, or institution of the federal government, including from the CAREER program or any other program, post-PhD, regardless of the

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.

size of the grant or contract, with certain exceptions noted below. Serving as co-PI, Senior Personnel, Postdoctoral Fellow, or other Fellow does not count against this eligibility rule. Grants, contracts, or gifts from private companies or foundations; state, local, or tribal governments; or universities do not count against this eligibility rule. It is expected that these funds will allow the new CISE Research Initiation Initiative PI to support one or more graduate students for up to two years. Faculty at undergraduate and two-year institutions may use funds to support undergraduate students, and may use the additional RUI designation. **NSF 18-554**

- URL: <https://www.nsf.gov/pubs/2018/nsf18554/nsf18554.htm>

Program Announcement for Disruptioneering

Defense Advanced Research Projects Agency (DARPA) – Defense Sciences Office (DSO)

Due Date: Proposals accepted on a continual basis until 2/20/2019

Notice seeking proposals for an approach to investing must include faster responses with smaller, targeted investments. DARPA calls this new approach Disruptioneering. Disruptioneering will enable DARPA to initiate a new investment in less than 90 days from idea inception. To enable this approach, the Defense Sciences Office (DSO) will issue Disruption Opportunities (DO) via targeted Special Notices (SN). These Special Notices will focus on technical domains important to DSO's mission pursuing innovative research concepts that explore Frontiers in Math, Computation and Design; Limits of Sensing and Sensors; Complex Social Systems; and Anticipating Surprise. More information about DSO's technical domains and research topics of interest may be found at <http://www.darpa.mil/about-us/offices/dso>. **DARPA-PA-18-01**

- URL: https://www.fbo.gov/index?s=opportunity&mode=form&id=d9e7a5d40d4c52e9932d1cce36cf1189&tab=core&_cview=0

Assured and Trusted Microelectronics Solutions (ATMS)

U.S. Department of Defense (DoD)

Due Date: White papers accepted through 11/16/2020

Notice seeking research and development proposals for Trust solutions that broaden the utility of commercial technology and ensure robust performance of DoD systems within the following six research areas: Design Assurance; Field-Programmable Gate Array Assurance; Validation and Verification; Enhanced Fabrication; Radiation Hardening; and Other. **FA8650-18-S-1201**

- URL: https://www.fbo.gov/index?s=opportunity&mode=form&id=4b7840eef900742d13b7e7e3d523e9f0&tab=core&_cview=1



Army Rapid Capability Office (RCO) Broad Agency Announcement

U.S. Dept. of Defense (DOD) - Department of the Army - ACC-APG-Edgewood

Due Date: 3/23/2023 (This BAA is a continuously open announcement valid for five years from the release date unless rescinded)

The full publication constitutes a Broad Agency Announcement (BAA) in support of the Army Rapid Capabilities Office (RCO). The RCO serves to expedite critical capabilities to the field to meet Combatant Commanders' needs. The Office enables the Army to experiment, evolve, and deliver technologies in real time to address both urgent and emerging threats while supporting acquisition reform efforts. The RCO executes rapid prototyping and initial equipping of capabilities, particularly in the areas of cyber, electronic warfare, survivability and positioning, navigation and timing (PNT), as well as other priority projects that will enable Soldiers to operate and win in contested environments decisively. Beyond closing current capability gaps, the Office also aims to stimulate aggressive, proactive capability development and leverage disruptive technologies to meet Army strategic objectives. Additionally, the RCO leverages innovation by other government agencies and industry partners, as well as Warfighter feedback, to deliver solutions on an accelerated timeline. Within the Office, there is a dedicated cell called the Emerging Technologies Office (ETO), which engages directly and continuously to align, understand and drive academia, industry, and Science & Technology solutions to near-term and emerging threats with development and demonstration of revolutionary new capabilities. The ETO serves as an ombudsman, collaborating with industry to direct efforts towards specific areas of need. The RCO delivers urgently needed materiel capabilities that mitigate near-term operational risk against rapidly modernizing adversaries until enduring Army programs deliver capability. The Office also addresses strategic gaps, generated by Combatant Commanders, which lack a materiel solution in the next 1-5 years. The RCO executes analysis, prototyping, development, procurement, and production for select high-priority capability solutions. It acts as a change agent, challenging traditional approaches and leveraging Congressional NDAA approaches to acquisition agility. **W56JSR-18-S-0001**

- **URL:** <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302133>

HEALTH, LIFE & EARTH SCIENCES

Computational fluid dynamics (CFD) and discrete element modeling (DEM) approach for predictions of dry powder inhaler (DPI) drug delivery (U01)

U.S. Dept. of Health & Human Services (HHS) - Food & Drug Administration (FDA) - Center for Drug Evaluation & Research (CDER)

Due Date: Letters of Intent 4/12/2018; Applications 5/29/2018

Current product-specific bioequivalence (BE) guidance published by the Office of Generic Drugs for dry powder inhalers (DPIs) include in vitro testing recommendations for single actuation content and aerodynamic particle size distribution, as well as recommendations for a pharmacokinetic study and a pharmacodynamic or clinical endpoint study. Given the extensive nature of current DPI BE guidance, it is desirable that current in vitro testing for DPIs be more reflective of in vivo performance. Computational fluid dynamics (CFD) and discrete element modeling (DEM) have been used to predict dry powder aerosol behavior, including the effects of agglomeration and deagglomeration. The purpose of the study will be to develop a CFD-DEM model which can be used to evaluate the impact of various physicochemical properties and device performance properties on regional deposition, to identify potentially biorelevant ranges for these properties that may be useful for future BE recommendations. **RFA-FD-18-014**

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-FD-18-014.html>

Novice Research Awards

Gerber Foundation

Due Date: Concept Papers 5/15/2018; Full Proposals 8/15/2018

Concept Papers 11/15/2018; Full Proposals 2/15/2019

The Gerber Foundation has an interest in promoting the development of new investigators. Recognizing that many developing researchers may find it difficult to obtain initial funding to establish their line of investigation, a Novice Researcher program has been initiated. The purpose is to encourage the development of medical research in infant and early childhood health and nutrition by awarding small grants to new researchers. These awards follow the Foundation's current focus on clinical/translational research in infant and early childhood health and nutrition. Emphasis is placed on projects with relatively short clinical applicability.

- URL: <http://www.gerberfoundation.org/how-to-apply/>

ROSES 2018: Planetary Major Equipment and Facilities

National Aeronautics and Space Administration (NASA)

Due Date: Step-1 Proposals 7/17/2018; Step-2 Proposals 9/17/2018

The Planetary Major Equipment and Facilities (PMEF) program element allows proposals for the purchase or development of new or upgraded non-flight analytical, computational, telescopic, and other instrumentation to be used in investigations in Planetary Science Division (PSD) research programs. For a proposal to be relevant to PMEF, the instrument must enable or enhance PSD-funded research in at least one of the "Target" program elements listed in Table 1 of this program element (See notice). In addition, PMEF proposals are allowed from NASA Centers to support activities conducted under the Internal Scientist Funding Model (ISFM), provided that the activities are demonstrated to be relevant to one of the non-ISFM program elements shown in Table 1.

NNH18ZDA001N-PMEF

- **URL:** <https://nspires.nasaprs.com/external/solicitations/summary/init.do?solId={C31E601A-7794-B7AB-4DC9-B4D15FAB294B}&path=open>

MULTIPLE DISCIPLINES

Special Initiative: Integrating Biology and Social Science Knowledge (BioSS)

Russell Sage Foundation (RSF)

Due Date: Letters of Inquiry 5/24/2018; Full Proposals 8/15/2018

Letters of Inquiry 8/20/2018; Full Proposals 11/5/2018

The Russell Sage Foundation (RSF) has long had the mission to improve social and living conditions in the United States. Two recent intellectual developments have prompted RSF to launch a special research initiative that integrates knowledge from the biological and social sciences. First, there has been a paradigm shift in the life sciences, spurred by the realization that many biological processes, rather than being fixed, immutable mechanisms that consign people to particular life outcomes, are instead fluid, dynamic responses to features of the social and physical environments humans inhabit. Second, this shift led researchers to launch interdisciplinary studies that seek to integrate approaches

from the social and biological sciences, recognizing the potential for a deeper understanding of how social inequalities are initiated, maintained, and transmitted from one generation to the next. The initiative will support innovative social science research on social and economic outcomes that improves our understanding of the interactive mechanisms by which environmental influences affect biological mechanisms, and vice versa. This includes research that: (1) estimates how the structured nature of the social environment and intra- and intergenerational social inequalities affect biological processes, (2) identifies which indicators of biological processes interact with the social environment to affect different life domains and how, and (3) yields new conceptual frameworks that holistically characterize the complex relationships among biological, psychological and environmental factors to predict a range of behavioral and social outcomes.

- URL: <https://www.russellsage.org/research/funding/bioss>

Fiscal Year (FY) 2019 Department of Defense Multidisciplinary Research Program of the University Research Initiative -

U.S. Dept. of Defense (DOD)

Due Date: White Papers 6/29/2018; Full Proposals 10/16/2018

The MURI program supports basic research in science and engineering at U.S. institutions of higher education that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. **N00014-18-S-F006**

Dept. of the Navy (U.S. Navy) – Office of Naval Research (N00014-18-S-F006)

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302058>

Dept. of the Army – U.S. Army Materiel Command (AMC) (W911NF18S0003)

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302218>

NEW FACULTY/INVESTIGATOR

Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research (R21 Clinical Trial Not Allowed)

National Institutes of Health (NIH) - National Cancer Institute (NCI)

Due Date: 6/19/2018, 11/19/2018

The purpose of the Exploratory Grant Award to Promote Workforce Diversity in Basic Cancer Research is to provide support for New and Early Stage Investigators from underrepresented backgrounds who have entered the research pipeline and interested in developing innovative studies in cancer biology including those supported by programs under the Continuing Umbrella of Research Experiences (CURE) such as the Career Development Awards, Diversity Supplements, and those investigators participating as project leaders or co-investigators on research projects in the Partnerships to Advance Cancer Health Equity (PACHE). This initiative will also provide bridge funding to investigators who have completed their training and may need extra time and/or support to develop a larger research project grant (e.g., R01) application. **PAR-18-731**

- URL: <https://grants.nih.gov/grants/guide/pa-files/PAR-18-731.html>

SOCIAL & BEHAVIORAL SCIENCES

Research and Evaluation on the Administration of Justice

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/14/2018

NIJ seeks applications for funding investigator-initiated, interdisciplinary research and evaluation projects related to the administration of justice in three priority areas: (1) eyewitness evidence; (2) front-end intervention strategies (diversion and deflection, pretrial notification protocols and court appearance compliance, and justice system-led strategies aimed at young-adult offenders); and (3) enhancing investigation and prosecution (body worn cameras, and jury nullification). Strong applications that address the administration of justice in the U.S. but fall outside these areas may also be considered. **NIJ-2018-14001**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=301736>

Understanding the Impacts of Policing Strategies and Practices (Beyond Crime Reduction)

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/14/2018

With this solicitation, the National Institute of Justice (NIJ) seeks proposals for funding for research and/or evaluation projects to examine the impact of police crime-reduction practices and strategies on four variables: (1) reducing crime; (2) officer safety; (3) criminal investigations; and (4) criminal prosecutions. NIJ will accept proposals for research examining person- or place-based practices and strategies. NIJ is particularly interested in examining the practice of proactive policing and its related strategies, especially "focused deterrence." **NIJ-2018-14064**

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=291047>

Propose a Pursuit

National Socio-Environmental Synthesis Center (SESYNC)

Due Date: 5/15/2018

The National Socio-Environmental Synthesis Center (SESYNC) invites proposals for collaborative team-based synthesis research (Pursuits) under the following three Themes:

- Water, People, and Ecosystems
- Social and Environmental Dimensions of the Food-Energy-Water Nexus
- Sudden or Unexpected Events: Environmental Recovery, Reorganization or Restoration

SESYNC recognizes that there are many potential projects with great applicability to socio-environmental problems that fall outside of these three Themes. Accordingly, SESYNC offers a limited number of opportunities for exciting and creative Pursuits that are not explicitly tied to a Theme (i.e., "socio-environmental problem-focused"). SESYNC continues to be interested in research that involves advancing S-E systems modeling, the ecological and social implications of new gene editing capabilities, and projects that focus on data and methodologies consistent with national accounting principles that synthesize both environmental and social data to construct accounts. Researchers are encouraged to develop research questions and methods for results that can be applicable across multiple places and scales and have the potential to inform decision makers. SESYNC is particularly interested in novel, actionable synthesis efforts that employ synthesis methodologies in new ways. Projects that can bring together quantitative and qualitative data and knowledge are of special interest. Teams will meet at SESYNC in Annapolis for three to four meetings of approximately three to five days over a period of two years.

- URL: <https://www.sesync.org/opportunities/propose-a-pursuit>

Research and Evaluation on Prevention and Mitigation of Domestic Pathways to Terrorism

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/21/2018

The Domestic Radicalization and Terrorism program strives to better understand the primary drivers of radicalization and what can be done to prevent or intervene during the radicalization process through programmatic efforts. In FY2018, NIJ will emphasize an interest in evaluations of new and existing demonstration programs to prevent terrorism (by way of de-radicalization and disengagement). NIJ will encourage applicants to submit projects which conduct comparative and multi-site programmatic evaluations, help the field better understand risk factors and develop risk assessment tools. **NIJ-2018-13780**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=301955>

Research on Reducing Violence in Communities

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/21/2018

The purpose of this solicitation is to support research to produce sustainable community-level reductions in violence. NIJ seeks to develop scientific evidence and build practical knowledge of the factors that contribute to achieving enduring violence reductions in communities. NIJ is interested in receiving proposals for research, with both empirical and theory-building elements, that will lead to practical recommendations. These recommendations should inform community-focused efforts to produce substantial and lasting violence reductions in communities that have suffered from persistently high levels of violence. This solicitation supports the U.S. Department of Justice's priority to prevent and reduce crime. **NIJ-2018-13908**

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppld=301957>

Research and Evaluation on Trafficking in Persons

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/22/2018

With this solicitation, NIJ continues to build upon its research and evaluation efforts to better understand, prevent, and respond to trafficking in persons in the United States. Applicants should propose research projects that -- first and foremost -- have clear implications for criminal justice policy

and practice in the United States. As such, this solicitation supports the U.S. Department of Justice's priority to combat human trafficking. **NIJ-2018-14053**

- URL: <https://www.grants.gov/web/grants/view-opportunity.html?oppId=302135>

Computational Social Science

Russell Sage Foundation (RSF)

Due Date: Letters of Inquiry 5/24/2018; Full Proposals 8/15/2018

Letters of Inquiry 11/30/2018; Full Proposals 3/4/2019

Social science research on many topics has often been hampered by the limitations of survey data. However, the digital age has rapidly increased access to large and comprehensive data sources such as public and private administrative databases, and unique new sources of information from online transactions, social-media interactions, and internet searches. New computational tools also allow for the extraction, coding, and analysis of large volumes of text. Advances in analytical methods for exploiting and analyzing data have accompanied the rise of these data. The emergence of these new data also raises questions about access, privacy and confidentiality. The Russell Sage Foundation's initiative on Computational Social Science (CSS) supports innovative social science research that brings new data and methods to bear on questions of interest in its core programs in Behavioral Economics, Future of Work, Race, Ethnicity and Immigration, and Social Inequality. Limited consideration will be given to questions that pertain to core methodologies, such as causal inference and innovations in data collection. Some inquiries may also be considered by the Alfred P. Sloan Foundation for joint funding, especially projects with larger scale potential that relate to behavioral economics, the economics of science and technology, regulation and industrial organization, as well as privacy, empirical methodologies, economic measurement, or administrative data curation generally.

- URL: <http://www.russellsage.org/call-proposals-computational-social-science>

NIJ FY18 Criminal Justice Testing and Evaluation Consortium

U.S. Dept. of Justice (DOJ) - Office of Justice Programs (OJP) - National Institute of Justice (NIJ)

Due Date: 5/29/2018

The U.S. Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ) is seeking applications for funding for the establishment of a Criminal Justice Testing and Evaluation Consortium. The consortium will provide testing, evaluation, and other activities to support the safety, effectiveness, efficiency, and efficacy of technologies and practices in use or adaptable by criminal

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.

justice communities. This program furthers the Department's mission by sponsoring research to provide objective, independent, evidence-based knowledge and tools to meet the challenges of crime and justice, particularly at the State and local levels. **NIJ-2018-14125**

- URL: <https://www.grants.gov/custom/viewOppDetails.jsp?oppld=302224>

Fund for the Advancement of the Discipline (FAD)

American Sociological Association (ASA)

Due Date: 6/15/2018, 12/15/2018

Supported by the American Sociological Association through a matching grant from the National Science Foundation, the goal of this project is to nurture the development of scientific knowledge by funding small, groundbreaking research initiatives and other important scientific research activities such as conferences. FAD awards provide scholars with "seed money" for innovative research that has the potential for challenging the discipline, stimulating new lines of research, and creating new networks of scientific collaboration. The award is intended to provide opportunities for substantive and methodological breakthroughs, broaden the dissemination of scientific knowledge, and provide leverage for acquisition of additional research funds.

- URL: <http://www.asanet.org/career-center/grants-and-fellowships/fund-advancement-discipline-fad>

Science of Learning (SL)

National Science Foundation (NSF)

Due Date: 7/11/2018, 1/16/2019

The Science of Learning program supports potentially transformative basic research to advance the science of learning. The goals of the SL Program are to develop basic theoretical insights and fundamental knowledge about learning principles, processes and constraints. Projects that are integrative and/or interdisciplinary may be especially valuable in moving basic understanding of learning forward but research with a single discipline or methodology is also appropriate if it addresses basic scientific questions in learning. The possibility of developing connections between proposed research and specific scientific, technological, educational, and workforce challenges will be considered as valuable broader impacts, but are not necessarily central to the intellectual merit of proposed research. The program will support research addressing learning in a wide range of domains at one or more levels of analysis including: molecular/cellular mechanisms; brain systems; cognitive affective,

and behavioral processes; and social/cultural influences. The program supports a variety of methods including: experiments, field studies, surveys, secondary-data analyses, and modeling. **PD 16-004Y**

- URL: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5567

Developmental Sciences (DS)

National Science Foundation (NSF)

Due Date: 7/16/2018, 1/15/2019

DLS supports fundamental research that increases our understanding of cognitive, linguistic, social, cultural, and biological processes related to children's and adolescents' development and learning. Research supported by this program will add to our basic knowledge of how people learn and the underlying developmental processes that support learning, social functioning, and productive lives as members of society. DLS supports research that addresses developmental processes within the domains of cognitive, social, emotional, and motor development using any appropriate populations for the topics of interest including infants, children, adolescents, adults, and non-human animals. The program also supports research investigating factors that impact development change including family, peers, school, community, culture, media, physical, genetic, and epigenetic influences. Additional priorities include research that: incorporates multidisciplinary, multi-method, microgenetic, and longitudinal approaches; develops new methods, models, and theories for studying learning and development; includes participants from a range of ethnicities, socioeconomic backgrounds, and cultures; and integrates different processes (e.g., learning, memory, emotion), levels of analysis (e.g., behavioral, social, neural), and time scales (e.g. infancy, middle childhood, adolescence). The DLS program also accepts proposals for workshops and small conferences. **PD 08-1698**

- URL: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671

Call for Concept Applications

Sociological Initiatives Foundation (SIF)

Due Date: Concept Papers 8/15/2018

SIF is dedicated to the belief that research and action are intrinsically inseparable. SIF invites concept proposals for projects that link an explicit research design to a concrete social action strategy. Projects should also have clear social change goals. SIF has funded projects in the areas of civic participation, community organizing, crime and law, education, health, housing, immigration, labor organizing, and language/literacy.

The Foundation specifically supports research that focuses on impacting:

- Social policy
- Institutional and educational practices
- Linguistic issues (e.g. literacy, language loss and maintenance, language policy, language and national security, bilingualism, language and gender, language and law, language disabilities, language and health, language and education, different language cultures).
- Community capacity and the organization of previously unorganized groups

The Foundation supports projects that address institutional rather than individual or behavioral change. It seeks to fund research and initiatives that provide insight into sociological and linguistic issues that can be useful to specific groups and or communities. The Foundation looks for projects that have an explicit research design and a concrete connection to public or community impact. It is not enough to just write a report or add a focus group to a social change project. The research should ideally build an organization or constituency's potential to expand public knowledge, impact policy, and create social change. Preference is given to providing support in areas that tend to be underfunded and for projects of a size where a SIF grant can make a difference. No awards are made for dissertation research, honoraria or political purposes. The geographic focus is limited to the United States and its territories.

- URL: <http://www.sifoundation.org/guidelines/>

Sociology Program

National Science Foundation (NSF)

Due Date: 8/15/2018, 1/15/2019

The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The Program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools. Theoretically grounded projects that offer methodological innovations and improvements for data collection and analysis are also welcomed. Click here for information on Strengthening Qualitative Research through Methodological Innovation and Integration. The Sociology Program also funds doctoral dissertation research to defray direct costs associated with conducting research, for example, dataset acquisition, additional statistical or methodological training, meeting with scholars associated with original datasets, and fieldwork away



from the student's home campus. See the Sociology Program Doctoral Dissertation Improvement Awards Solicitation for more information on this opportunity. **PD 98-1331**

- URL: https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5369