Office of Sponsored Programs and Research
Funding Announcements

The Office of Sponsored Programs and Research (OSPR) is pleased to provide the following information about available funding opportunities. This bulletin is not meant to be a one-stop shop for funding sources; rather, it represents a selection of current funding opportunities that may be of interest to faculty, administrators, and staff at Midwestern State University. The program title hyperlink* will direct you to the complete opportunity listing on SPIN if you are on a campus network computer. The program URL link will direct you to the program sponsor from any internet connection.

* If the program title link opens the main SPIN search page instead of the program-specific page, leave the SPIN search window open and click the link a second time. This should direct you to the correct page.

December 5, 2017

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Arts, Humanities, and Social Sciences

Program Title: Public Humanities Projects
Sponsor: National Endowment for the Humanities/Natl. Fndn. on the Arts & Humanities
Program URL: https://www.neh.gov/grants/public/public-humanities-projects
Funding Opportunity Number: 20180110-GW
Application Deadline: 10-Jan-2018

Public Humanities Projects grants support projects that bring the ideas & insights of the humanities to life for general audiences. Projects must engage humanities scholarship to illuminate significant themes in disciplines such as history, literature, ethics, & art, or to address challenging issues in contemporary life. NEH encourages projects that involve the public in collaboration with humanities scholars or that invite contributions from the community in the development & delivery of humanities programming.
OSPR Bulletin

Program Title: **NEA Literature Fellowships: Translation Projects, FY2019**
Sponsor: National Endowment for the Arts/National Fndn. on the Arts & Humanities
Funding Opportunity Number: 2018NEA03LFTP
Application Deadline: 11-Jan-2018

Through fellowships to published translators, the Arts Endowment supports projects for the translation of specific works of prose, poetry, or drama from other languages into English. The sponsor encourages translations of writers and of work that are not well represented in English translation. All proposed projects must be for creative translations of literary material into English. The work to be translated should be of interest for its literary excellence and value. Priority will be given to projects that involve work that has not previously been translated into English.

Program Title: **Smithsonian Libraries: Margaret Henry Dabney Penick Resident Scholar Program (History)**
Sponsor: Smithsonian Institution
Program URL: [http://library.si.edu/about/internships-and-fellowships/fellowships/penick-resident-scholar-program](http://library.si.edu/about/internships-and-fellowships/fellowships/penick-resident-scholar-program)
Application Deadline: 15-Jan-2018

The Margaret Henry Dabney Penick Resident Scholar Program supports scholarly research into the legacy of Patrick Henry and his political circle, the early political history of Virginia, the history of the American Revolution, founding era ideas and policy-making, as well as science, technology, and culture in colonial America and the Early National Period. Other Smithsonian Institution opportunities can be found [at this link](http://library.si.edu/about/internships-and-fellowships/fellowships/penick-resident-scholar-program).

Program Title: **Social Psychology**
Sponsor: Directorate for Social, Behavioral and Economic Sciences/NSF
Funding Opportunity Number: PD-98-1332
Application Deadline: 16-Jan-2018

The sponsor provides support for basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior.

Program Title: **Bill and Rita Clements Research Fellowships for the Study of Southwestern America**
Sponsor: Clements Center for Southwest Studies
Program URL: [http://www.smu.edu/Dedman/Academics/InstitutesCenters/swcenter/Fellowships/Apply](http://www.smu.edu/Dedman/Academics/InstitutesCenters/swcenter/Fellowships/Apply)
Application Deadline: 19-Jan-2018

The residential research fellowships are designed to provide time for scholars to bring their book-length manuscripts to completion. Competition is open to individuals in any field in the humanities or social sciences doing research on Texas, the American Southwest or the U.S.-Mexico borderlands.
**New Opportunity**

**Program Title:** American National Election Studies Competition (ANES)

**Sponsor:** Directorate for Social, Behavioral and Economic Sciences/NSF


**Funding Opportunity Number:** 18-519

**Application Deadline:** 21-Feb-2018 [LOI/Pre-App]

The American National Election Studies (ANES) produce high quality data from its own surveys on voting, public opinion, and political participation. The mission of the ANES is to inform explanations of election outcomes by providing data that support rich hypothesis testing, maximize methodological excellence, measure many variables, and promote comparisons across people, contexts, and time. The ANES serves this mission by providing researchers with a view of the political world through the eyes of ordinary citizens. NSF will make two awards totaling no more than $11.5 million over four years. One will be for the traditional face-to-face survey. The second will be for a web-based survey. While these will be independent awards, the two awardees will be expected to work closely together. The expected start date is July 2018.

**New Opportunity**

**Program Title:** Grants for Organizations (Production, Presentation, and Publication)

**Sponsor:** Graham Foundation for Advanced Studies in Fine Arts

**Program URL:** [http://www.grahamfoundation.org/grant_programs?mode=organization](http://www.grahamfoundation.org/grant_programs?mode=organization)

**Funding Opportunity Number:** N/A

**Application Deadline:** 25-Feb-2018

The Graham Foundation offers Production, Presentation and Publication Support Grants to organizations. These grants assist organizations with the production-related expenses that are necessary to take a project from conceptualization to realization and public presentation. These projects include, but are not limited to, publications, exhibitions, installations, films, new media projects, conferences/lectures, and other public programs.

**New Opportunity**

**Program Title:** Princeton University Library Research Grants

**Sponsor:** Princeton University Library

**Program URL:** [http://rbsc.princeton.edu](http://rbsc.princeton.edu)

**Application Deadline:** 31-Jan-2018

Each year, the Friends of the Princeton University Library offer short-term Library Research Grants to promote scholarly use of the research collections. Applications will be considered for scholarly use of archives, manuscripts, rare books, and other rare and unique holdings of the Department of Rare Books and Special Collections, including Mudd Library; as well as rare books in Marquand Library of Art and Archaeology, and in the East Asian Library (Gest Collection). The Program in Hellenic Studies with the support of the Stanley J. Seeger Fund also supports a limited number of library fellowships in Hellenic studies, and the Cotsen Children’s Library supports research in its collection on aspects of children’s books. The Maxwell Fund supports research on materials dealing with Portuguese-speaking cultures. In addition, awards will be made from the Sid Lapidus '59 Research Fund for Studies of the Age of Revolution and the Enlightenment in the Atlantic World.
Program Title: **NEA Literature Fellowships: Creative Writing, FY2019 (Poetry)**  
**Sponsor:** National Endowment for the Arts/National Fndn. on the Arts & Humanities  
**Funding Opportunity Number:** 2018NEA03LFCW  
**Application Deadline:** 26-Feb-2018  
The National Endowment for the Arts Literature Fellowships program offers $25,000 grants in poetry to published creative writers that enable recipients to set aside time for writing, research, travel, and general career advancement. Applications are reviewed through an anonymous process in which the only criteria for review are artistic excellence and artistic merit.

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**Business Administration**

Program Title: **Kauffman Junior Faculty Fellowship in Entrepreneurship Research**  
**Sponsor:** Kauffman (Ewing Marion) Foundation  
**Program URL:** [http://www.kauffman.org/microsites/kjff](http://www.kauffman.org/microsites/kjff)  
**Application Deadline:** 16-Jan-2018  
The Kauffman Junior Faculty Fellowship in Entrepreneurship Research is intended to support the research activities of eligible junior faculty members who are actively pursuing research in the field of entrepreneurship. Research can be conducted on any topic of importance to entrepreneurship.

Program Title: **Economics**  
**Sponsor:** Directorate for Social, Behavioral, and Economic Sciences/NSF  
**Funding Opportunity Number:** PD-98-1320  
**Application Date:** 18-Jan-2018  
The Economics program supports research designed to improve the understanding of the processes and institutions of the U.S. economy and of the world system of which it is a part. This program also strengthens both empirical and theoretical economic analysis as well as the methods for rigorous research on economic behavior. It supports research in almost every area of economics, including econometrics, economic history, environmental economics, finance, industrial organization, international economics, labor economics, macroeconomics, mathematical economics, and public finance.
New Opportunity

Program Title: **Research Grants (Real Estate)**
Sponsor: Real Estate Research Institute
Program URL: [http://www.reri.org/research/index.cfm](http://www.reri.org/research/index.cfm)
Application Deadline: 26-Jan-2018

The Real Estate Research Institute (RERI) seeks proposals for funding of research to be undertaken in 2018. RERI is a non-profit organization created to stimulate high-quality research on real estate investment performance and market fundamentals that will elevate the quality of real estate investment decision making. Through its research funding, RERI also aims to encourage and support developing real estate researchers among junior faculty and graduate students.

New Opportunity

Program Title: **Steven H Sandell Grant Program**
Sponsor: Center for Retirement Research
Program URL: [http://crr.bc.edu/about-us/grant-programs/steven-h-sandell-grant-program-2/](http://crr.bc.edu/about-us/grant-programs/steven-h-sandell-grant-program-2/)
Application Deadline: 31-Jan-2018

The program provides opportunities for junior scholars from all academic disciplines to pursue cutting-edge projects on retirement income issues. Priority areas include: Social Security and disability insurance; Macroeconomic analyses of Social Security; Wealth and retirement income; Program interactions; International research; and Demographic research.

New Opportunity

Program Title: **Early Career Research Awards: Labor Markets and Workforce Policy**
Sponsor: Upjohn (W.E.) Institute for Employment Research
Program URL: [http://www.upjohn.org/about-us/news-information/grant-opportunities](http://www.upjohn.org/about-us/news-information/grant-opportunities)
Application Deadline: 26-Jan-2018

These grants are intended to provide resources for junior faculty to carry out policy-related research on labor market issues. The Institute encourages research proposals on all issues related to labor markets and public workforce policy.

New Opportunity

Program Title: **Grants Program (Economic Literacy)**
Sponsor: Kazanjian (Calvin K.) Economics Foundation, Inc.
Program URL: [http://www.kazanjian.org/grants/apply](http://www.kazanjian.org/grants/apply)
Application Deadline: 15-Feb-2018

The Kazanjian Foundation will support programs that raise various public’s participation in economic education and/or create a demand for greater economic literacy. The application of new strategies for teaching economics including on-line and web-based instruction is of interest to the Foundation. Projects, policy studies, or programs that encourage measurement of economic understanding more often and/or more effectively are of specific interest, and the large number of students at risk of leaving school, and hence never effectively participating in the nation’s economic system are of concern to the Foundation. Programs that help otherwise disenfranchised youth and/or young adults with children learn to participate in the economic system are very important to the Foundation.
**New Opportunity**

**Program Title:** Finance Research Projects  
**Sponsor:** Society of Actuaries  
**Program URL:** [https://www.soa.org/research-opps/Finance-Research-Projects/](https://www.soa.org/research-opps/Finance-Research-Projects/)  
**Application Deadline:** N/A

The Society of Actuaries' Committee on Finance Research (CFR) is seeking proposals for research projects that will produce information, data, theoretical models and/or empirical tools useful to actuaries practicing in investment and other finance-related areas.

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**Program Title:** Economics Grants  
**Sponsor:** Sloan (Alfred P.) Foundation  
**Program URL:** [https://sloan.org/programs/economics/](https://sloan.org/programs/economics/)  
**Application Deadline:** N/A

The Alfred P. Sloan Foundation believes that a theory-based, empirically-tested understanding of the U.S. economy is essential to improving the American quality of life. The Foundation funds grants for high-quality original research that promise to broaden that understanding or use it to improve American institutions. Grants in the Economic Performance and Quality of Life program have expanded our knowledge of how particular industries function, encouraged better communication and cooperation between citizens and their local governments, and focused scholarly and public attention on the issues and challenges faced by contemporary working families.  
**Note:** A second Sloan Foundation opportunity involving economic research titled "Energy and Environment Grants" can be found in this bulletin under Interdisciplinary Opportunities.

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**Education**

**Program Title:** Developmental and Learning Sciences (DLS)  
**Sponsor:** Directorate for Social, Behavioral, and Economic Sciences/NSF  
**Program URL:** [https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671](https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=8671)  
**Funding Opportunity Number:** PD-08-1698  
**Application Deadline:** 16-Jan-2018, 16-Jul-2018

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.
New Opportunity

Program Title: Research Grants: American Educational Research Association  
Sponsor: American Educational Research Association  
Program URL: http://www.aera.net/Professional-Opportunities-Funding/AERA-Funding-Opportunities/Grants-Program  
Funding Opportunity Number: N/A  
Application Deadline: 17-Jan-2018  
AERA invites education-related research proposals using NCES, NSF, and other federal databases. Research Grants are available for faculty at institutions of higher education, postdoctoral researchers, and other doctoral-level scholars. Applications are encouraged from a variety of disciplines, such as but not limited to, education, sociology, economics, psychology, demography, statistics, and psychometrics.

Program Title: Innovations in International Education  
Sponsor: Longview Foundation for Education in World Affairs & International Understanding Program  
URL: http://www.longviewfdn.org/programs/innovations-i18n/  
Application Deadline: 18-Jan-2018 [LOI/Pre-App]  
Trustees have identified K-12 education in the U.S. as their primary area of interest and fund projects that directly support building global perspectives in teachers and students. Advancement of global education in new and creative mechanisms is particularly of interest.

Program Title: Learning & Leadership Grants  
Sponsor: NEA Foundation for the Improvement of Education  
Program URL: http://www.neafoundation.org/pages/learning-leadership-grants/  
Application Deadline: 01-Feb-2018  
The NEA Foundation for the Improvement of Education provides grants to support public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education for one of the following two purposes: grants to individuals fund participation in high-quality professional development experiences, such as summer institutes or action research; or, grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment.

Program Title: Strategic Initiatives: The New Civics--Small Grants  
Sponsor: Spencer Foundation  
Program URL: https://www.spencer.org/the-new-civics  
Application Deadline: 01-Feb-2018; next deadline: 01-May-2018  
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. Thus, proposals with this focus would deepen understanding of influences on civic action, attend to social inequalities in civic education, and have the potential to shape future research and practice in these fields.
Program Title: **Areas of Inquiry: Small Grant Proposals**

**Sponsor:** Spencer Foundation  
**Program URL:** [http://www.spencer.org/small-research-grants-program-statement](http://www.spencer.org/small-research-grants-program-statement)  
**Application Deadline:** 01-Feb-2018

Since it was established in 1971, the Spencer Foundation has sought to support high-quality, innovative research with the potential to improve education. This program aims to fund academic work that will contribute to the improvement of education, broadly conceived.

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### Health Sciences and Human Services

#### New Opportunity

**Program Title:** Pilot Services Research Grants Not Involving Interventions (Mental Health)  
**Sponsor:** National Institute of Mental Health/NIH/DHHS  
**Funding Opportunity Number:** PAR-18-267  
**Application Deadline:** 17-Jan-2018 [LOI/Pre-App] [Optional], 16-Feb-2018 [Full]

National Institute of Mental Health (NIMH) invites applications for pilot research consistent with NIMH priorities for services research studies that are not immediate precursors to the development and testing of services interventions. While NIMH has moved to supporting all interventions research under FOAs that require use of an experimental therapeutics model, there is recognition that some important areas of mental health services research fall outside of that domain and have the potential to make significant contributions to advancing NIMH priorities and objectives. These areas include: 1) studies to identify mutable factors that impact access, utilization, quality, financing, outcomes including disparities in outcomes, or scalability of mental health services, which may serve as targets in future intervention development; 2) development and testing of new research tools, measures, or methods; or 3) testing the feasibility of integrating existing data sets to understand factors affecting access, quality or outcomes of care.

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**Program Title:** Research Endowment (Sports Medicine/Exercise Science)  
**Sponsor:** American College of Sports Medicine  
**Program URL:** [http://www.acsm.org/find-continuing-education/awards-grants/research-grants...](http://www.acsm.org/find-continuing-education/awards-grants/research-grants...)  
**Application Deadline:** 19-Jan-2018

The intent of the research endowment is to use a portion of the interest derived from these funds to support basic and applied research in exercise science. The primary goal is to fund mechanistic, hypothesis-driven, basic and applied research in exercise science. It is the intent of this grant to provide seed money support after which further funding would be sought from other sources. Applications should clearly describe if the aims are achieved in the pilot and how the data will be used in future grant applications.
Program Title: Nurse Education, Practice, Quality and Retention (NEPQR) – Registered Nurses in Primary Care (RNPC) Training Program
Sponsor: DHHS / Health Resources and Services Administration
Program URL: The program title links to the program URL—there is no SPIN link yet
Funding Opportunity Number: HRSA-18-012
Application Deadline: 29-Jan-2018
The purpose of this four-year training program is to recruit and train nursing students and current registered nurses (RNs) to practice to the full scope of their license in community-based primary care teams to increase access to care, with an emphasis on chronic disease prevention and control, including mental health and substance use conditions. The program aims to achieve a sustainable primary care nursing workforce equipped with the competencies necessary to address pressing national public health issues, even the distribution of the nursing workforce, improve access to care and improve population health outcomes by strengthening the capacity for basic nurse education and practice and addressing national nursing needs under three priority areas: education, practice and retention.

Program Title: Macy Faculty Scholars Program
Sponsor: Macy (Josiah), Jr. Foundation
Program URL: http://macyfoundation.org/macy-scholars
Application Deadline: 14-Feb-2018
The Macy Faculty Scholars Program is designed to identify and nurture the careers of promising educational innovators in medicine and nursing. The goal is to develop the next generation of national leaders in medical and nursing education. The program will support the Macy Faculty Scholars in leading new educational innovations at their home institutions and will provide opportunities for further career development through national meetings and participation in other Macy activities.

Program Title: Education and Health: New Frontiers (R21) Clinical Trial Optional
Sponsor: Office of Behavioral and Social Sciences Research/NIH/DHHS
Funding Opportunity Number: PAR-18-362
Application Deadline: 16-Feb-2018; next deadline: 16-Jun-2018
National Institutes of Health (NIH) and its participating Institutes and Centers invite applications for research that will further elucidate the pathways involved in the relationship between education and health outcomes and in doing so to carefully identify the specific aspects and qualities of education that are responsible for this relationship and what the mediating factors are that affect the nature of the causal relationship. Note: There is also an R03 Small Grant Program award for this FOA. You can find the SPIN link here.
**Program Title:** Methodology and Measurement in the Behavioral and Social Sciences  
**Sponsor:** Office of Behavioral and Social Sciences Research/NIH/DHHS  
**Funding Opportunity Number:** PAR-18-352  
**Application Deadline:** 16-Feb-2018; next deadline: 16-Jun-2018  
The participating NIH Institutes and Centers (ICs) encourage research that will improve the quality and scientific power of behavioral and social science data relevant to the IC missions. Applicants are strongly encouraged to contact the Scientific/Research Contact (see Section VII, Agency Contacts) of the IC that most closely matches their research focus to determine IC interest in the proposed research topic.

**Program Title:** Population Health Interventions: Integrating Individual and Group Level Evidence (R21) – Clinical Trial Not Allowed  
**Sponsor:** Office of Behavioral and Social Sciences Research/NIH/DHHS  
**Funding Opportunity Number:** PA-18-406  
**Application Deadline:** 16-Feb-2018  
National Institutes of Health (NIH) and its participating Institutes and Centers invite applications for multilevel, transdisciplinary population health interventions that target underlying social, economic, and environmental conditions in an effort to improve health outcomes.

**Program Title:** Prevention Research in Mid-Life Adults (R21 Clinical Trial Optional)  
**Sponsor:** National Institute of Nursing Research/NIH/DHHS  
**Funding Opportunity Number:** PA-18-153  
**Application Deadline:** 16-Feb-2018  
National Institute of Nursing Research (NINR) and National Institute on Aging (NIA) invite applications for research on mid-life adults (those 50 to 64 years of age) that can inform efforts to optimize health and wellness as individuals age, and prevent illness and disability in later years.
**New Opportunity**

**Program Title:** Research Grants Using the Resources from the Osteoarthritis Initiative (OAI) (R21 Clinical Trial Not Allowed)

**Sponsor:** National Institute of Arthritis & Musculoskeletal & Skin Diseases/NIH/DHHS


**Funding Opportunity Number:** PA-18-408

**Application Deadline:** 16-Feb-2018 or 16-Jun-2018 (optional LOI due 30 days prior to due date)

The purpose of this program is to accelerate discoveries related to the onset and progression of knee osteoarthritis with particular emphasis on the development of objective, measurable standards of osteoarthritis diagnosis and progression by which new interventions can be evaluated. National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS) and National Institute on Aging (NIA) invite applications for research awards that are focused on the use of the Osteoarthritis Initiative (OAI) database, clinical data and images. This FOA seeks to expand the use of these resources by investigators in the broader research community. The publication of this FOA to the research community indicates to investigators and peer reviewers the importance that the NIAMS and others have placed on the use of the OAI resources.

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**New Opportunity**

**Program Title:** Small Grants for Secondary Analyses of Existing Data Sets and Stored Biospecimens

**Sponsor:** National Institute of Child Health and Human Development/NIH/DHHS

**Program URL:** [https://grants.nih.gov/grants/guide/pa-files/PA-17-299.html](https://grants.nih.gov/grants/guide/pa-files/PA-17-299.html)

**Funding Opportunity Number:** PA-17-299

**Application Deadline:** 16-Feb-2018; next deadline: 16-Jun-2018

National Institute of Child Health and Human Development (NICHD) invites applications that propose to conduct secondary analyses of publicly available NICHD-funded data sets or stored biospecimens. The goal of this program is to facilitate innovative yet cost-effective research utilizing data and biospecimens collected with NICHD resources. This program will use the NIH Small Research Grant (R03) award mechanism.

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**Program Title:** Diet and Physical Activity Assessment Methodology (R21 Clinical Trial Optional)

**Sponsor:** National Institute of Diabetes and Digestive and Kidney Diseases/NIH/DHHS


**Funding Opportunity Number:** PAR-18-112

**Application Deadline:** 17-May-2018 [LOI/Pre-App]; 16-Jun-2018 [Full]

NIH invites applications for innovative research to enhance the quality of measurements of dietary intake and physical activity. Applications are encouraged to include development of: novel assessment approaches; better methods to evaluate instruments; assessment tools for culturally diverse populations or various age groups, including children and older adults; improved technology or applications of existing technology; statistical methods/modeling to improve assessment and/or to correct for measurement errors or biases; methods to investigate the multidimensionality of diet and physical activity behavior through pattern analysis; or integrated measurement of diet and physical activity along with the environmental context of such behaviors.

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### Science and Mathematics

**Program Title:** [Smart and Connected Communities (S&CC)](https://www.nsf.gov/pubs/2018/nsf18520/nsf18520.htm)

**Sponsor:** Directorate for Computer and Information Sciences and Engineering/NSF


**Funding Opportunity Number:** 18-520

**Application Deadline:** 30-Jan-2018 [LOI, required]; 28-Feb-2018 [Full]

Communities in the United States (US) and around the world are entering a new era of transformation in which residents and their surrounding environments are increasingly connected through rapidly-changing intelligent technologies. This transformation offers great promise for improved wellbeing and prosperity, but poses significant challenges at the complex intersection of technology and society. The goal of the NSF Smart and Connected Communities (S&CC) program solicitation is to accelerate the creation of the scientific and engineering foundations that will enable smart and connected communities to bring about new levels of economic opportunity and growth, safety and security, health and wellness, and overall quality of life. This goal will be achieved through integrative research projects that pair advances in technological and social dimensions with meaningful community engagement. For the purposes of this solicitation, communities are defined as having geographically-delineated boundaries—such as towns, cities, counties, neighborhoods, community districts, rural areas, and tribal regions—consisting of various populations, with the structure and ability to engage in meaningful ways with proposed research activities. A “smart and connected community” is, in turn, a community that synergistically integrates intelligent technologies with the natural and built environments, including infrastructure, to improve the social, economic, and environmental well-being of those who live, work, or travel within it.

**Program Title:** [Research Coordination Networks in Undergraduate Biology Education (RCN-UBE)](https://www.nsf.gov/pubs/2018/nsf18510/nsf18510.htm)

**Sponsor:** Directorate for Biological Sciences/NSF


**Funding Opportunity Number:** 18-510

**Application Deadline:** 30-Jan-2018

The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training, and educational activities across disciplinary, organizational, geographic, and international boundaries. The RCN-UBE program seeks to improve undergraduate biology in different areas by leveraging the power of a collaborative network. The theme or focus of an RCN-UBE proposal can be on any topic likely to advance the goal of enhancing undergraduate biology education. Collectively, the program has contributed to developing and disseminating educational research resources and modules, to forging of new collaborations, and to sharing of best practices and ideas for scalability and sustainability of activities.
New Opportunity

Program Title: Training-Based Workforce Development for Advanced Cyberinfrastructure (CyberTraining)

Sponsor: Directorate for Computer and Information Sciences and Engineering/NSF


Funding Opportunity Number: 18-516

Application Deadline: 14-Feb-2018

The overarching goals of this program are to (i) prepare, nurture, and grow the national scientific research workforce for creating, utilizing, and supporting advanced cyberinfrastructure (CI) that enables potentially transformative fundamental science and engineering research and contributes to the Nation’s overall economic competitiveness and security; (ii) ensure broad adoption of CI tools, methods, and resources by the fundamental science and engineering research community to enable new modes of discovery; and (iii) integrate core literacy and discipline-appropriate advanced skills in advanced CI as well as computational and data science and engineering into the Nation’s educational curriculum/instructional material fabric spanning undergraduate and graduate courses. For the purpose of this solicitation, advanced CI is broadly defined as the set of resources, tools, and services for advanced computation, data handling, networking, and security that collectively enable potentially transformative fundamental research. This solicitation calls for developing innovative, scalable training and education programs to address the emerging needs and unresolved bottlenecks in scientific and engineering research workforce development, from the postsecondary level to active researchers. The resultant training and education programs, spanning targeted, multidisciplinary communities, will lead to transformative changes in the state of workforce preparedness for advanced CI-enabled research in the short and long terms. As part of this investment, this solicitation seeks to broaden CI access and adoption by (i) increasing or deepening accessibility of methods and resources of advanced CI and of computational and data science and engineering by a wide range of scientific disciplines and institutions with lower levels of CI adoption to date; and (ii) harnessing the capabilities of larger segments of diverse underrepresented groups. Proposals from, and in partnership with, the aforementioned communities are especially encouraged.
New Opportunity

Program Title: National Robotics Initiative 2.0: Ubiquitous Collaborative Robots (NRI-2.0)
Sponsor: Directorate for Computer and Information Sciences and Engineering/NSF
Funding Opportunity Number: 18-518
Application Deadline: 20-Feb-2018
The NRI-2.0 program builds upon the original National Robotics Initiative (NRI) program to support fundamental research in the United States that will accelerate the development and use of collaborative robots (co-robots) that work beside or cooperatively with people. The focus of the NRI-2.0 program is on ubiquity, which in this context means seamless integration of co-robots to assist humans in every aspect of life. The program supports four main research thrusts that are envisioned to advance the goal of ubiquitous co-robots: scalability, customizability, lowering barriers to entry, and societal impact. Topics addressing scalability include how robots can collaborate effectively with multiple humans or other robots; how robots can perceive, plan, act, and learn in uncertain, real-world environments, especially in a distributed fashion; and how to facilitate large-scale, safe, robust and reliable operation of robots in complex environments. Customizability includes how to enable co-robots to adapt to specific tasks, environments, or people, with minimal modification to hardware and software; how robots can personalize their interactions with people; and how robots can communicate naturally with humans, both verbally and non-verbally. Topics in lowering barriers to entry include development of open-source co-robot hardware and software, as well as widely-accessible testbeds. Topics in societal impact include fundamental research to establish and infuse robotics into educational curricula, advance the robotics workforce through education pathways, and explore the social, economic, ethical, and legal implications of our future with ubiquitous collaborative robots.

Program Title: Dimensions of Biodiversity
Sponsor: Directorate for Biological Sciences/NSF
Funding Opportunity Number: 18-512
Application Deadline: 28-Feb-2018
Despite centuries of discovery, most of our planet’s biodiversity remains unknown. The scale of the unknown diversity on Earth is especially troubling given the rapid and permanent loss of biodiversity across the globe. The goal of the Dimensions of Biodiversity campaign is to transform, by 2020, how we describe and understand the scope and role of life on Earth. This campaign promotes novel integrative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and focuses on the intersection of genetic, phylogenetic, and functional dimensions of biodiversity. Successful proposals must integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core programs in BIO, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in novel ways, to understand their synergistic roles in critical ecological and evolutionary processes, especially pertaining to the mechanisms driving the origin, maintenance, and functional roles of biodiversity.
**New Opportunity**

**Program Title:** Enhancing Communication and Use of Information in Engineering

**Sponsor:** Engineering Information Foundation

**Program URL:** http://www.eifgrants.org/info/infostmt.html

**Application Deadline:** 28-Feb-2018

Educational and research programs that advance the more effective use of information in engineering and applied science, with special emphasis on learning communication skills are eligible. Support for curriculum development is limited to this program area only. Grants range to a maximum of $25,000.

**Program Title:** Programs Designed to Improve the Retention Rate of Undergraduate Women in Engineering

**Sponsor:** Engineering Information Foundation

**Program URL:** http://www.eifgrants.org/info/women.html

**Application Deadline:** 28-Feb-2018

While work needs to be done to help more young women to become interested in engineering as a career, work also needs to be done to keep young women in engineering through college and beyond. It is in this context that the Foundation is interested in programs designed to improve the retention rate of undergraduate women in engineering. Programs may cover such diverse areas as classroom, climate, learning behaviors, classroom pedagogies and academic and social support programs. It is expected that the programs will examine their impact on SMET achievement.

**Program Title:** Cyberinfrastructure for Emerging Science and Engineering Research (CESER)

**Sponsor:** Directorate for Computer and Information Sciences and Engineering/NSF

**Program URL:** https://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505385

**Funding Opportunity Number:** PD-17-7684

**Application Deadline:** N/A; before developing a proposal intended for this program, investigators are strongly encouraged to discuss their ideas with the cognizant program officer associated with the CESER program.

The overall goal of the Cyberinfrastructure for Emerging Science and Engineering Research (CESER) program is to foster the development of innovative cyberinfrastructure (CI) technologies and new means of leveraging existing CI resources to catalyze emerging areas of potentially transformative science and engineering research, including NSF priority areas, national strategic initiatives, and international collaborative research.
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<th>New Opportunity</th>
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<td><strong>Program Title:</strong> Innovation Corps - National Innovation Network Teams Program</td>
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<td><strong>Sponsor:</strong> National Science Foundation</td>
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<td><strong>Funding Opportunity Number:</strong> 18-515</td>
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<td><strong>Application Deadline:</strong> Proposals are accepted anytime with an I-Corps Cognizant Program Officer's invitation.</td>
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The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon fundamental research to guide the output to facilitate the application of scientific discoveries closer to the development of technologies, products and processes that benefit society. In order to maintain, strengthen and grow a national innovation ecosystem, NSF has established the Innovation Corps - National Innovation Network Teams Program (I-Corps Teams). The NSF I-Corps Teams Program purpose is to identify NSF-funded researchers who will receive additional support in the form of entrepreneurial education, mentoring and funding to accelerate innovation that can attract subsequent third-party funding. The purpose of the NSF I-Corps Teams grant is to give the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently funded NSF projects. The outcomes of I-Corps Teams projects will be threefold: a clear go/or no go decision regarding viability of products and services, should the decision be to move the effort forward, a transition plan for those projects to move forward, and a definition of a compelling technology demonstration for potential partners.

| Program Title: Sedimentary Geology and Paleobiology (SGP-SEP)  |
| **Sponsor:** Directorate for Geosciences/NSF  |
| **Funding Opportunity Number:** 17-536  |
| **Application Deadline:** N/A  |

Sedimentary Geology and Paleobiology supports innovative research that addresses the deep-time sedimentary crust and advances our understanding of environmental and evolutionary change. The program seeks to fund projects that focus on: the changing aspects of life, ecology, environments, and biogeography in geologic time based on fossil organisms and/or sedimentological data; all aspects of the Earth's sedimentary lithosphere – insights into the geological processes and rich organic and inorganic resources locked in rock sequences; the science of dating and measuring the sequence of events and rates of geological processes as manifested in Earth's deep-time (pre-Holocene) sedimentary and biological (fossil) record; and the geologic record of the production, transportation, and deposition of modern and ancient physical and chemical sediments.
Program Title: **Smithsonian Libraries - Baird Society Resident Scholar Program**

Sponsor: Smithsonian Institution  
Program URL: [http://library.si.edu/fellowships/baird-society-resident-scholar-program](http://library.si.edu/fellowships/baird-society-resident-scholar-program)  
Application Deadline: 15-Jan-2018  
The Baird Society Resident Scholar Program was established to support the study of some of the Smithsonian Libraries’ most unique and valuable holdings: rare books and Special Collections. These collections are located in Washington, DC, and New York City, and include: 19th- and early 20th-century World’s Fair printed materials; Manufacturers’ commercial trade catalogs in the National Museum of American History Library (285,000 pieces representing 30,000 companies from the 1840s to the present) used to study American industrialization, mass production, and consumerism; Natural history rare books in the Cullman Library (pre-1840 works on topics such as botany, zoology, travel and exploration, museums and collecting, geology, and anthropology); Air and space history in the National Air and Space Museum Library’s Ramsey Room for the study of ballooning, rocketry, and aviation from the late 18th to early 20th centuries; James Smithson’s library in the Cullman Library; European and American decorative arts, architecture, and design in the Cooper-Hewitt National Design Museum Library, which span from the 18th to the 20th century; and History of art and artists, exhibition catalogs, catalogues raisonné, serials and dissertations concentrated in the area of American art, history, biography and nearly 100,000 vertical files filled with artists’ ephemera. Other Smithsonian Institution opportunities can be found [at this link](http://library.si.edu/fellowships/baird-society-resident-scholar-program).

Program Title: **Access to Historical Records: Major Initiatives (Preliminary Proposals)**

Sponsor: National Archives and Records Administration  
Program URL: [https://www.grants.gov/web/grants/view-opportunity.html?oppId=295495](https://www.grants.gov/web/grants/view-opportunity.html?oppId=295495)  
Funding Opportunity Number: PRELIM-201801  
Application Deadline: 18-Jan-2018  
The National Historical Publications and Records Commission seeks projects that ensure online public discovery and use of historical records collections. All types of historical records are eligible, including documents, photographs, born-digital records, & analog audio and moving images.

Program Title: **Texas History Program**

Sponsor: Summerlee Foundation  
Program URL: [http://summerlee.org/texas-history-program/](http://summerlee.org/texas-history-program/)  
Application Deadline: N/A  
The Texas History Program has embraced a broad and diverse group of projects from all regions of Texas. These projects have included the disciplines of archaeology, archives, libraries, media, middle and secondary schools, higher education, preservation, publications and scholarly research.
Interdisciplinary

**Program Title:** Science of Science and Innovation Policy (SciSIP)

**Sponsor:** Directorate for Social, Behavioral and Economic Sciences/NSF


**Funding Opportunity Number:** PD-09-7626

**Application Deadline:** 09-Feb-2018

The program funds research to develop models, analytical tools, data and metrics that can be applied in the science policy decision making process and concern the use and allocation of scarce scientific resources. For example, research proposals may develop behavioral and analytical conceptualizations, frameworks or models that have applications across the broad array of science and innovation policy challenges. Proposals also may develop methodologies to analyze science, technology and innovation data, and to usefully convey that information to a variety of audiences. Proposals that create and improve science, engineering and innovation data, including the design of new metrics and indicators, particularly proposals that demonstrate the viability of collecting and analyzing data on knowledge generation and innovation in organizations, are encouraged.

**New Opportunity**

**Program Title:** Energy and Environment Grants

**Sponsor:** Sloan (Alfred P.) Foundation

**Program URL:** [https://sloan.org/programs/energy-and-environment](https://sloan.org/programs/energy-and-environment)

**Application Deadline:** N/A

Grantmaking in this small interdisciplinary program looks for unique opportunities to expand our understanding of the economic, technological, organizational, regulatory, national security, and environmental consequences of energy production and consumption.

Student Opportunities

**Program Title:** Natural History Research Experiences

**Sponsor:** Smithsonian Institution

**Program URL:** [http://www.mnh.si.edu/NHRE/about.htm](http://www.mnh.si.edu/NHRE/about.htm)

**Application Deadline:** 24-Jan-2018

Natural History Research Experiences (NHRE) is a 10-week summer internship program hosted at the National Museum of Natural History, Smithsonian Institution in Washington, DC. NHRE summer internships pair undergraduates with museum scientists to complete a research project in Anthropology, Botany, Entomology, Invertebrate Zoology, Mineral Science, Paleobiology, or Vertebrate Zoology. Although the majority of time during the internship is spent working on the research project, there are additional events including lectures, tours of museum collections, and other activities related to natural history research.
| New Opportunity | Program Title: Christopher C. Mathewson Texas Section Scholarship  
Sponsor: AEG Foundation  
Program URL: [https://www.aegfoundation.org/funds/mathewson.php](https://www.aegfoundation.org/funds/mathewson.php)  
Application Deadline: 01-Feb-2018 |
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<td>The AEG Texas Section Scholarship Fund supports geologic studies by students at the undergraduate and graduate levels. Awards will be made by the AEG Foundation to outstanding and deserving students based on demonstrated ability, scholarship, potential for contributions to the profession, character, and participation in student/professional societies.</td>
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| New Opportunity | Program Title: Department of Biochemistry and Molecular Biology Research Experience for Undergraduates Summer Program  
Sponsor: Colorado State University  
Program URL: [http://www.bmb.colostate.edu/undergraduates/reu/program-description/](http://www.bmb.colostate.edu/undergraduates/reu/program-description/)  
Application Deadline: 01-Feb-2018 |
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<td>The Department of Biochemistry and Molecular Biology, with financial support from the National Science Foundation, offers qualified undergraduates from throughout the country the opportunity to conduct research projects in biochemistry and molecular biology for ten weeks each summer.</td>
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| New Opportunity | Program Title: Research Experiences for Undergraduates (REU) in Smart UAVs  
Sponsor: Auburn University  
Program URL: [http://www.eng.auburn.edu/comp/research/impact/application.html](http://www.eng.auburn.edu/comp/research/impact/application.html)  
Application Deadline: 23-Feb-2018 |
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<td>Summer research opportunities on smart UAVs is an excellent opportunity to explore the exciting frontier of unmanned technology. Up to twelve students will be selected to participate at Auburn University. They will form teams who will compete to design the best algorithms to autonomously fly 6 to 12 UAVs on a limited air field.</td>
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[Back to Quick Links]
Searching for External Funders

Quick link: [http://infoedglobal.com/](http://infoedglobal.com/)

InfoEd-SPIN the Worlds #1 Funding Opportunities Database. A tool for funding opportunity searches and matching is now available.

MSU subscribes to InfoEd-SPIN database to help faculty and staff find external funding programs. Within the funding database, you can choose to actively search for funding agencies, or you can establish a weekly alert service that will send new funding opportunities according to key words that you identify. For this service, you will need to set up an account. Contact the Office of Sponsored Programs and Research for assistance.

We will come to your office to demonstrate SPIN or set up your account. We are also available to conduct searches for you.

**OSPR Contact Information:**
Brittany Norman
Research Administrator
Hardin Building Room 104
Ph: 940-397-4714
sponsoredprograms@mwsu.edu

**Other Resources and Forms for the National Science Foundation (NSF) and the National Institute of Health (NIH)**

*Please click the link above and you will be directed to the Office of Sponsored Program’s forms site with examples of budget templates, biosketch forms and formats for reference letters. Please note that these are only examples, and you should always consult the grant application package for the proper form.*