

Funding Bulletin

December 5th, 2014 (Vol. 2, No. 6)

Funding Information

To receive funding information, please contact Sarah Haug, Funding Opportunity Specialist, Office of Research and Technology Transfer, phone: 316-978-6803, e-mail: sarah.haug@wichita.edu

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

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

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

[LIMITED SUBMISSIONS](#)
[INTERNAL OPPORTUNITIES](#)
[GENERAL](#)
[ARTS & HUMANITIES](#)
[BUSINESS](#)
[EDUCATION](#)

[ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES](#)
[HEALTH, LIFE & EARTH SCIENCES](#)
[LIBRARIES](#)
[MULTIPLE DISCIPLINES](#)
[SOCIAL & BEHAVIORAL SCIENCES](#)
[STUDENTS](#)

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/>

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.



Upcoming Events

RESEARCH 2014-2015 TRAINING SCHEDULE

WORKSHOP TITLE	DATE	TIME	RSC ROOM
Funding Opportunities: Come Discover the Possibilities	Nov. 13, 2014	1:30-3:30pm	262 Herrman
Developing Budgets: How to avoid a Budget Battle Before a Grant Goes Out	Dec. 11, 2014	1:30-3:30pm	266 Pike
CAYUSE 101: Electronic Submissions to Grants.gov Made Easy!	Jan. 22, 2015	1:30-3:30pm	266 Pike

For more information contact Jana Henderson at jana.henderson@wichita.edu or 978-3285. To register for one of the workshops listed visit <https://webapps.wichita.edu/wintraining/training.asp?dept=1>. You will need to log into myWSU, select “register” and scroll down to find the workshop you are interested in.

LIMITED SUBMISSIONS

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

(1) NIH Director’s Early Independence Awards (DP5)

National Institutes of Health (NIH)

Due Date: Internal 12/5/2014; Letters of Intent 12/30/2014; Applications 1/30/2015

The NIH Director’s Early Independence Award Program supports exceptional investigators who wish to pursue independent research directly after completion of their terminal doctoral/research degree

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.

or clinical residency, thereby forgoing the traditional post-doctoral training period and accelerating their entry into an independent research career. **Only up to two applications per institution are allowed. RFA-RM-14-004**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-14-004.html>

(2) Academic-Community Partnership Conference Series (R13)

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

Due Date: Internal 12/5/2014; Applications 1/29/2015, 11/17/2015, 11/17/2016

This Funding Opportunity Announcement (FOA) encourages Research Conference Grant (R13) applications to conduct health disparities-related meetings, workshops, and symposia. The purpose of the Academic-Community Partnership Conference Series is to bring together academic institutions and community organizations to identify opportunities for reducing health disparities through the use of Community-Based Participatory Research (CBPR). The objectives of meetings conducted as part of this award will be to: (1) establish and/or enhance existing academic-community partnerships; (2) identify community-driven research priorities; and (3) develop long-term collaborative CBPR research agendas. Thus, it is expected these partnerships will lead to grant applications for the support of CBPR projects designed to meet identified community needs. The areas of focus for these partnerships may include one or more of the following community-health issues: preterm birth; infant mortality; sudden infant death syndrome (SIDS); maternal mortality; reproductive health; uterine fibroid tumors; childhood, adolescent, and/or adult obesity; violence prevention; perinatal HBV and HIV/AIDS prevention; HIV/AIDS prevention; asthma; intellectual and developmental disabilities; pediatric injury prevention; and medical rehabilitation. **Only one application per institution is allowed. PAR-15-032**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-032.html>

(3) National Nanotechnology Coordinated Infrastructure (NNCI)

National Science Foundation (NSF)

Due Date: Internal 1/9/2015, Letter of Intent 2/2/2015, Full Proposal 4/3/2015

Over the past decade of its authorized award life, the National Nanotechnology Infrastructure Network (NNIN) has enabled major discoveries, innovations, and contributions to education and commerce by providing researchers from academia, small and large companies, and government with open access to university user facilities with leading-edge fabrication and characterization tools, instrumentation, and expertise within all disciplines of nanoscale science, engineering, and



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

technology. The National Science Foundation is now moving forward with the new National Nanotechnology Coordinated Infrastructure (NNCI) as the successor to the NNIN. This solicitation establishes a competition for individual university user facility sites positioned across the nation. A Coordinating Office will then be selected competitively at a later stage from among the selected sites to enhance their impact as a national infrastructure of user facility sites. The ultimate selection of user facility sites will include capabilities and instrumentation addressing current and anticipated future user needs across the broad areas of nanoscale science, engineering, and technology. **US academic institutions may submit or participate in only one individual site proposal submitted in response to this solicitation. An academic institution that is awarded as a shared user facility site may also propose later to be the Coordinating Office. NSF 15-519**

- URL: <http://www.nsf.gov/pubs/2015/nsf15519/nsf15519.htm>

INTERNAL OPPORTUNITIES

Award for Research/Creative (ARC)

Wichita State University

Due Date: 2/6/2015

Applications for Award for Research/Creative Projects (ARC) are due to the Office of Research and Technology Transfer by Feb. 6 at 5:00 p.m. Award for Research/Creative projects provide salary/fringes of \$3,000* for 2 months, plus \$1,000 for other operating expenses (total of \$4,000) to enable faculty to pursue research or creative projects during the summer (grant period May 1 - Aug 31, 2015). Awardees are expected to resume their teaching in the fall for the next academic year. A faculty member may receive only one of the following in a fiscal year: an ARCS, a University Research/Creative Projects Award (URCA), or a Multidisciplinary Research Project Award (MURPA). Those who accept any summer appointment from their college (for the summer grant period) are ineligible. 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/>

Flossie E. West Foundation Award

Wichita State University

Due Date: 3/6/2015

Applications for the Flossie E. West Foundation Award are due to the Office of Research and Technology Transfer by March 6th at 5:00p.m. The award provides support for research relating to the study and cure of cancer. Awards are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries (grant period May 1, 2015 – April 30, 2016). Funds are restricted to WSU faculty project expenses; all WSU faculty members with research interests in the study of cancer are eligible. 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/>

GENERAL

NOTICE - NSF Releases New Proposal and Award Policies and Procedures Guide (PAPPG) NSF 15-1

The NSF PAPPG has been revised to implement Uniform Guidance: Administrative Requirements, Cost Principles, and Audit Requirements for Federal Awards, which goes into effect December 26, 2014. The latest PAPPG will apply to all proposals submitted on or after 12/26/14.

<http://www.nsf.gov/pubs/policydocs/pappguide/nsf15001/index.jsp>

Research Associateship Programs (RAP)

The National Academies

Due Dates: 2/1/2015 (quarterly deadlines)

The National Research Council has conducted the Research Associateship Programs in cooperation with sponsoring federal laboratories and other research organizations approved for participation since 1954. Through a national competition, the NRC recommends and makes Research Associateship awards to outstanding scientists and engineers, at the postdoctoral and senior levels, for tenure as guest researchers at the participating laboratories. A limited number of opportunities are available for support of graduate students in select fields. The objectives of the Research Associateship Programs are (1) to provide postdoctoral and senior scientists and engineers of unusual

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.

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

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

Cancer Prevention, Control, Behavioral Sciences, and Population Sciences Career Development Award (K07)

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

Due Date: 2/12/2015, 6/12/2015, 10/12/2015 (standard due dates apply)

The purpose of the Cancer Prevention, Control, Behavioral Sciences, and Population Sciences Career Development Award (K07) is to support the career development of junior investigators with research or health professional doctoral degrees who want to become cancer-focused academic researchers in cancer prevention, cancer control, or the behavioral or population sciences. **PAR-15-033**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-033.html>

Alcohol Research Projects

ABMRF/Foundation for Alcohol Research

Due Date: 2/15/2015

The [AMBRF/Foundation for Alcohol Research](#) is inviting applications for grants in support of research on the effects of alcohol consumption on health and behavior. The foundation encourages basic and clinical research, including epidemiology. Examples of research topics include factors influencing underage drinking, mechanisms of alcohol-related organ injury, fetal alcohol spectrum disorders, and effects of alcohol on general health. Areas of particular interest include studies on how particular patterns of consumption (quantity of alcohol consumed, types of alcoholic beverages consumed, frequency of consumption, and context) are related to health and behavioral outcomes; and interdisciplinary, bioinformatics, and other approaches to genetic and environmental factors that influence the patterns of consumption of alcoholic beverages and related consequences. The foundation does not support research on treatment of the complications of advanced alcoholism. However, research involving treatment paradigms intended to elucidate the pathogenesis of alcohol-

related problems will be considered. Grants are made to academic and research institutions (not individuals) in the United States, Canada, and South Africa. Priority is given to projects led by young investigators, but the foundation does not support students or trainees in pre- or postdoctoral programs. Grants are awarded for either one or two years, for a maximum of up to \$75,000 for each of the years. Visit the AMBRF/Foundation for Alcohol Research Web site for complete program guidelines and application instructions.

- URL: http://www.abmrf.org/grant_program

ARTS & HUMANITIES

Scholarly Books

National Museum of Women in the Arts

Due Date: 1/1/2015

Founded in 1987, the [National Museum of Women in the Arts](http://www.nmwa.org) is the only major museum in the world solely dedicated to recognizing the creative contributions of women. By bringing to light remarkable women artists of the past while also promoting the best women artists working today, the museum directly addresses the gender imbalance in the presentation of art in the U.S. and abroad, thus assuring great women artists a place of honor now and into the future. To help advance its mission, NMWA has issued a Request for Proposals for the 2014 Suzanne and James Mellor Prize. The annual \$50,000 prize is awarded to the author of the best proposal for a scholarly book on an individual woman artist or subject related to the mission of NMWA. The purpose of the award is to encourage the highest quality scholarship on women artists from any time period or nationality and to enhance the role of the museum in shaping scholarly dialogue on women in the arts. Mellor Prize funds may be used to cover the costs of travel for research, translate materials not available to an English-language audience, and other costs related to creating the final manuscript. While the proposed book must be able to stand on its own, it can include other media (i.e., CD, DVD, online) as an additional component.

- URL: <http://nmwa.org/learn/library-archives/awards-prizes/mellor-book-prize>

The Big Read

National Endowment for the Arts (NEA)

Due Date: 1/28/2015

The Big Read, a program of the [National Endowment for the Arts](#), aims to restore reading to the center of American culture. Managed by [Arts Midwest](#), the program provides organizations with grants and comprehensive resources that support their efforts to inspire their community to read and discuss a single book or the work of a poet. Community organizations participating in the Big Read develop and produce reading programs that encourage reading and participation by diverse local audiences. These programs include activities such as author readings, book discussions, art exhibits, lectures, film series, music or dance events, theatrical performances, panel discussions, and other events and activities related to the community's chosen book or poet. Activities must focus on a book or poet from the Big Read Library. Previous grantees must select a different reading choice from their previous programming. The program is accepting applications from nonprofit organizations to develop reading programs between September 2015 and June 2016. Organizations selected to participate will receive a grant, educational and promotional materials, and access to online training resources and opportunities. Approximately seventy-five organizations will be selected from communities of varying size in the United States. Eligible organizations may apply for grants ranging from \$2,500 to \$20,000. Grants must be matched on a one-to-one basis with non-federal funds. Grant funds may be used for expenses such as book purchases, speaker fees and travel, salaries, advertising, and venue rental. Applicant organizations must be a 501(c)(3) nonprofit; a division of state, local, or tribal government; or a tax-exempt public library. Eligible applicants include literary centers, libraries, museums, colleges and universities, art centers, historical societies, arts councils, tribal governments, humanities councils, literary festivals, and arts organizations. Complete program guidelines, application instructions, and an FAQ are available at the Big Read website.

- URL: <http://www.neabigread.org/guidelines.php>

New England Regional Fellowships

New England Regional Fellowship Consortium Program

Due Date: 2/1/2015

THE NEW ENGLAND REGIONAL FELLOWSHIP CONSORTIUM, a collaboration of 21 major cultural agencies, will offer at least 15 awards in 2015–2016. Each grant will provide a stipend of \$5,000 for a minimum of eight weeks of research at participating institutions. Awards are open to U.S. citizens and foreign nationals who hold the necessary U.S. government documents. Grants are designed to encourage projects that draw on the resources of several agencies.

- URL: <http://www.masshist.org/fellowships/nerfc/index.php>

BUSINESS

Economics

National Science Foundation (NSF)

Due Date: 1/18/2015, 8/18/2015

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. The Economics program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, conferences, workshops, symposia, experimental research, data collection and dissemination, computer equipment and other instrumentation, and research experience for undergraduates. The program places a high priority on interdisciplinary research. Investigators are encouraged to submit proposals of joint interest to the Economics Program and other NSF programs and NSF initiative areas. The program places a high priority on broadening participation and encourages proposals from junior faculty, women, other underrepresented minorities, Research Undergraduate Institutions, and EPSCoR states. **PD 98-1320**

- URL:http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5437&org=NSF&sel_org=SBE&from=fund

EDUCATION

Learning and Leadership Grants

National Education Association (NEA) Foundation

Due Date: 2/1/2015, 6/1/2015, 10/15/2015

The grants 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

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.



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

- Grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment.

All professional development must improve practice, curriculum, and student achievement. "One-shot" professional growth experiences, such as attending a national conference or engaging a professional speaker, are discouraged. Decisions regarding the content of the professional growth activities must be based upon an assessment of student work undertaken with colleagues, and must be integrated into the institutional planning process. Grant funds may be used for fees, travel expenses, books, or other materials that enable applicants to learn subject matter, instructional approaches, and skills. Recipients are required to exercise professional leadership by sharing their new learning with their colleagues.

- URL: <http://www.neafoundation.org/pages/learning-leadership-grants/>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

National Centers of Excellence Program in Cyber Operations

National Security Agency (NSA)

Due Date: 1/15/2015

NSA is pleased to announce the establishment of a National Centers of Academic Excellence (CAE) in Cyber Operations Program. The CAE-Cyber Operations Program accepts applications from four-year colleges and graduate-level universities annually between 15 November and 15 January.

- URL: https://www.nsa.gov/academia/nat_cae_cyber_ops/nat_cae_co_instructions.shtml

Exploiting Parallelism and Scalability (XPS)

National Science Foundation (NSF)

Due Date: 1/27/2015

The Exploiting Parallelism and Scalability (XPS) program aims to support groundbreaking research leading to a new era of parallel computing. Achieving the needed breakthroughs will require a collaborative effort among researchers representing all areas -- from services and applications down to the micro-architecture -- and will be built on new concepts, theories, and foundational principles. New approaches to achieve scalable performance and usability need new abstract models and algorithms, new programming models and languages, new hardware architectures, compilers,

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.

operating systems and run-time systems, and must exploit domain and application-specific knowledge. Research is also needed on energy efficiency, communication efficiency, and on enabling the division of effort between edge devices and clouds. **NSF 15-511**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15511/nsf15511.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Designing Materials to Revolutionize and Engineer our Future (DMREF)

National Science Foundation (NSF)

Due Date: 1/29/2015

DMREF is the primary program by which NSF participates in the [Materials Genome Initiative \(MGI\) for Global Competitiveness](#). MGI recognizes the importance of materials science to the well-being and advancement of society and aims to "deploy advanced materials at least twice as fast as possible today, at a fraction of the cost." DMREF integrates materials discovery, development, property optimization, and systems design and optimization, with each employing a toolset to be developed within a materials innovation infrastructure. The toolset will synergistically integrate advanced computational methods and visual analytics with data-enabled scientific discovery and innovative experimental techniques to revolutionize our approach to materials science and engineering. Accordingly, DMREF will support activities that accelerate materials discovery and development by building the fundamental knowledge base needed to design and make materials with specific and desired functions or properties from first principles. This will be accomplished by understanding the interrelationships of composition, structure, properties, processing, and performance. Achieving this goal will involve modeling, analysis, and computational simulations, validated and verified through sample preparation, characterization, and device demonstration. It will require new data analytic tools and statistical algorithms; advanced simulations of material properties in conjunction with new device functionality; advances in predictive modeling that leverage machine learning, data mining, and sparse approximation; data infrastructure that is accessible, extensible, scalable, and sustainable; the development, maintenance, and deployment of reliable, interoperable, and reusable software for the next-generation design of materials; and new collaborative capabilities for managing large, complex, heterogeneous, distributed data supporting materials design, synthesis, and longitudinal study. **The multidisciplinary character of this effort dictates the involvement of programs in the NSF Directorates of Mathematical and Physical Sciences, Engineering, and Computer and Information Science and Engineering.** Three or four year awards totaling \$500,000 – 1,500,000 for the award period are anticipated. **To cover the breadth of this endeavor, it is expected that proposed projects will be directed by a team of at least two Senior Personnel with complementary expertise.** **NSF 14-591**

- **URL:**http://www.nsf.gov/pubs/2014/nsf14591/nsf14591.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Benchmarks of Realistic Scientific Application Performance of Large-Scale Computing Systems (BRAP)

National Science Foundation (NSF)

Due Date: 2/2/2015

NSF is interested in supporting activities by the NSF Cyberinfrastructure community in the analysis of existing benchmarks, and in the development of new benchmarks, that measure real-world performance and effectiveness of large-scale computing systems for science and engineering discovery. **PD 15-7685**

- **URL:**http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505151&org=NSF&sel_org=NSF&form=fund

CISE-MPS Interdisciplinary Faculty program in Quantum Information Science

National Science Foundation (NSF)

Due Date: 2/2/2015, 12/7/2015

The **CISE-MPS Interdisciplinary Faculty Program in Quantum Information Science** is designed to promote research in the area of Quantum Information Science (QIS) by providing resources to allow QIS researchers and researchers from the CISE or MPS disciplines to actively engage in joint research efforts, addressing problems at the interface between the mathematical and physical sciences and computer and information sciences through long-term visits to a host institution. **NSF 15-512**

- **URL:** <http://www.nsf.gov/pubs/2015/nsf15512/nsf15512.htm>

HEALTH, LIFE & EARTH SCIENCES

Physical Sciences-Oncology Network (PS-ON): Physical Sciences-Oncology Projects (PS-OP) (U01)

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

Due Date: Letter of Intent 1/15/2015; Application 2/26/2015

This Funding Opportunity Announcement (FOA) invites U01 cooperative agreement applications for Physical Science-Oncology Projects (PS-OP). The goal of the PS-OPs is to foster the convergence of physical sciences approaches and perspectives with cancer research to advance our understanding of

cancer biology and oncology by forming small transdisciplinary teams of physical scientists and cancer biologists/physician scientists. Examples of physical scientists may include engineers, physicists, mathematicians, chemists, and computer scientists. The PS-OPs, individually and as a collaborative Network along with other PS-OPs and the Physical Sciences-Oncology Centers ([PS-OC](#)), will support transdisciplinary research that: (1) establishes a physical sciences perspective within the cancer research community; (2) facilitates team science and field convergence at the intersection of physical sciences and cancer research; and (3) collectively tests physical sciences-based experimental and theoretical concepts of cancer and promotes innovative solutions to address outstanding questions in cancer research. **PAR-15-021**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-021.html>

Division of Integrative Organismal Systems – Core Programs

National Science Foundation (NSF)

Due Date: Preliminary Proposals 1/17/2015 (3rd Fri); Invited Full Proposals 8/1/2015 (1st Fri)

The Division of Integrative Organismal Systems (IOS) supports research aimed at understanding why organisms are structured the way they are and function as they do. Proposals should focus on organisms as a fundamental unit of biological organization. Principal Investigators (PIs) are encouraged to apply systems approaches that will lead to conceptual and theoretical insights and predictions about emergent organismal properties. Areas of inquiry include, but are not limited to, developmental biology and the evolution of developmental processes, nervous system development, structure, and function, physiological processes, functional morphology, symbioses, interactions of organisms with biotic and abiotic environments, and animal behavior. Proposals are welcomed in all areas of science supported by the Division of Integrative Organismal Systems. All investigator-initiated proposals to the core programs in the Division of Integrative Organismal Systems must now be invited based on merit review of preliminary proposals. There is a single submission deadline with a limit of 2 preliminary proposals per investigator per year as PI or Co-PI in response to this solicitation. [Please see the GPG for definition of roles for PI and Co-PI.](#) There are no limits on the number of proposals you can participate on as collaborator. The PI/Co-PI limits apply only to this solicitation and do not pertain to proposals submitted in response to other NSF solicitations. **NSF 13-600**

- URL: <http://www.nsf.gov/pubs/2013/nsf13600/nsf13600.htm>

T32 Training Program for Institutions That Promote Diversity (T32)

National Institutes of Health (NIH)

Due Date: Letters of Intent 1/17/2015; Applications 2/18/2015

The purpose of this funding opportunity announcement (FOA) is to enhance the participation of individuals from diverse backgrounds underrepresented in cardiovascular, pulmonary, hematologic and sleep disorders research across the career development continuum. The NHLBI's T32 Training Program for Institutions That Promote Diversity is a Ruth L. Kirschstein National Research Service Award Program intended to support training of predoctoral and health professional students and individuals in postdoctoral training institutions with an institutional mission focused on serving health disparity populations not well represented in scientific research, or institutions that have been identified by federal legislation as having an institutional mission focused on these populations, with the potential to develop meritorious training programs in cardiovascular, pulmonary, hematologic, and sleep disorders. The NHLBI's T32 Training Program for Institutions That Promote Diversity is designed to expand the capability for biomedical research by providing grant support to institutions that have developed successful programs that promote diversity and serve health disparity populations and that offer doctoral degrees in the health professions or in health-related sciences. These institutions are uniquely positioned to engage minority and other health disparity populations in research, translation, and implementation of research advances that impact health outcomes, as well as provide health care for these populations. The primary goals of the T32 Training Program for Institutions That Promote Diversity are to: (1) contribute to the expansion of the future pool of individuals from diverse backgrounds underrepresented in research areas of interest to the NHLBI, (2) enable trainees to increase their competitiveness for peer-review research funding, (3) strengthen publication records of trainees, and (4) foster institutional environments conducive to professional development in the biomedical sciences. **RFA-HF-16-007**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-HL-16-007.html>

Division of Environmental Biology (Core Programs) (DEB)

National Science Foundation (NSF)

Due Date: Preliminary Proposals 1/23/2015; Full Proposals 8/3/2015

The Division of Environmental Biology (DEB) supports fundamental research on populations, species, communities, and ecosystems. Scientific emphases range across many evolutionary and ecological patterns and processes at all spatial and temporal scales. Areas of research include biodiversity, phylogenetic systematics, molecular evolution, life history evolution, natural selection, ecology, biogeography, ecosystem structure, function and services, conservation biology, global change, and biogeochemical cycles. Research on organismal origins, functions, relationships, interactions, and

evolutionary history may incorporate field, laboratory, or collection-based approaches; observational or manipulative experiments; synthesis activities; as well as theoretical approaches involving analytical, statistical, or computational modeling. **NSF 15-500**

- **URL:** http://www.nsf.gov/pubs/2015/nsf15500/nsf15500.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Non-Traditional Therapeutics that Limit Antibacterial Resistance (R21/R33)

National Institutes of Health (NIH); National Institute of Allergy and Infectious Diseases (NIAID)

Due Date: Letters of Intent 1/23/2015; Applications 2/23/2015

The purpose of this Funding Opportunity Announcement is to solicit applications for early-stage translational research projects focused on discovery and development of novel non-traditional therapeutics that provide alternative treatment modalities for infected patients and address the growing health care threat of increasing antibiotic resistance. **RFA-AI-14-066**

- **URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-AI-14-066.html>

Resource Program Grants in Bioinformatics (P41)

National Institutes of Health (NIH) – National Institute of Child Health and Human Development (NICHD)

Due Dates: 1/25/2015, 5/25/2015, 9/25/2015 (Letters of Intent due 30 days before application due date - standard due dates apply)

This Funding Opportunity Announcement (FOA) invites applications for Resource Program Grants in Bioinformatics for supporting the continued operation, improvement, and dissemination of databases, digital information, or software tools that are unique, and of special importance to research using animal models of embryonic developmental processes. Applicants are strongly encouraged to consult with the Scientific/Research Contact listed below in Section VII to ensure that the proposed project reflects the objectives of this FOA and the programmatic interests of the NICHD. **PAR-14-357**

- **URL:** <http://grants.nih.gov/grants/guide/pa-files/PAR-14-357.html>

Campus Health Initiatives

American College Health Foundation (ACHF)

Due Date: 1/31/2015

The [American College Health Foundation](#), the charitable arm of the [American College Health Association](#), is accepting applications for grants in support of campus initiatives that foster positive [Health Campus 2020](#) outcomes for the campus community. ACHA's Healthy Campus 2020 serves as a framework for improving the health of all students, faculty, and staff on campuses nationwide. Strategies recommended in Healthy Campus 2020 guidelines extend beyond traditional interventions of education, diagnosis, treatment, and health care at the clinical level. Through the collaborative efforts of health, academic, student affairs, and administrative colleagues, institutions of higher education can foster healthy environments and behaviors. Healthy Campus 2020 resources include national objectives for students and faculty/staff, an action model, and a toolkit for implementation based on the MAP-IT (mobilize, assess, plan, implement, and track) framework. Priority consideration will be given to proposals that result in sustained mobilization and engagement of campus partners to achieve the goals of Healthy Campus 2020. One or more recipients of \$2,500 grants will be announced at the 2015 ACHA annual meeting, May 26 through May 30, 2015, in Orlando, Florida. Only campus health professionals who are American College Health Association individual members or employed at an ACHA member institution are eligible to apply. If an applicant is not an individual member but is employed at a member institution, the institution's representative individual member must also sign the application. Visit the ACHA website for program guidelines and application instructions.

- URL: http://www.acha.org/ACHF/HC2020_award.cfm

College Mental/Behavioral Health Award

American College Health Foundation (ACHF)

Due Date: 1/31/2015

The [American College Health Foundation](#), the charitable arm of the [American College Health Association](#), is seeking applications for its FirstRisk Advisors Initiatives in College Mental/Behavioral Health Award. The annual award is designed to fund the development of creative initiatives that address prevention, early intervention, and/or treatment for mental and behavioral health disorders among college students. The goal of these initiatives is to reduce the risk of mental and behavioral illness and injury among college students and to enhance both individual and community health as a strategy to support student learning. One \$3,500 grant will be awarded at the 2015 ACHA annual meeting in Orlando, Florida, in late May 2015. Only campus health professionals who are individual members of the American College Health Association or employed at an ACHA member institution

are eligible to apply. Visit the ACHF website for complete program guidelines and application instructions.

- URL: http://www.acha.org/ACHF/first_risk_advisors.cfm

Student Wellness Programs

America College Health Foundation (ACHF)

Due Date: 1/31/2015

The [American College Health Foundation](http://www.acha.org), the charitable arm of the [American College Health Association](http://www.acha.org), is accepting applications in support of a novel program that addresses an issue related to the retention and overall well-being of college students. The project should be creative in its scope, formulated on the basis of published research, measurable in its impact, and applicable to the health enhancement of college students who participate in it. Specifically, the foundation will support programs that advance understanding of students' concepts of wellness; assess students' knowledge of available wellness resources on campus; strengthen methods of delivery of wellness information, including the development of community and public health strategies that reach out to populations at risk; strengthen the use of technology to integrate wellness activities into an educational system; generate novel strategies to support continued use/access of wellness activities and services; and measure wellness activities as a means of increasing student retention or reducing student dropout rates. A single grant of \$5,000 will be announced at the 2015 ACHA Annual Meeting held May 26-30, 2015, in Orlando, Florida. Only campus health professionals who are American College Health Association individual members or employed at an ACHA member institution are eligible to apply. If an applicant is not an individual member but is employed at a member institution, the institution's individual member representative must also sign the application. See the ACHA website for program guidelines and application instructions.

- URL: http://www.acha.org/ACHF/aetna_award.cfm

LIBRARIES

National Leadership Grant for Libraries

Institute for Museums and Library Services (IMLS)

Due Date: 2/2/2015

National Leadership Grants for Libraries (NLG) support projects that address challenges faced by the library and archive fields and that have the potential to advance practice in those fields. Successful proposals 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. For the February NLG deadline, IMLS accepts applications under two project categories/funding priorities:

- National digital platform
- Learning spaces in libraries

IMLS is particularly interested in proposals that explore the following issues:

- What will move the library and archival services in the United States forward?
- What will help libraries and archives make decisions about their own investments in these areas?
- What knowledge, capacity, functions or infrastructure can libraries and archives share?
- URL: <http://www.ims.gov/applicants/detail.aspx?GrantId=14>

Spark! Ignition Grants for Libraries

Institute for Museums and Library Services (IMLS)

Due Date: 2/2/2015

Sparks! Ignition Grants for Libraries are a special funding opportunity within the IMLS National Leadership Grants for Libraries program. These small grants encourage libraries and archives to test and evaluate specific innovations in the ways they operate and the services they provide. Sparks Grants support the deployment, testing, and evaluation of promising and groundbreaking new tools, products, services, or organizational practices. You may propose activities or approaches that involve risk, as long as the risk is balanced by significant potential for improvement in the ways libraries and museums serve their communities. Successful proposals will address problems, challenges, or needs of broad relevance to libraries and/or archives. A proposed project should test a specific, innovative response to the identified problem and present a plan to make the findings widely and openly

accessible. To maximize the public benefit from federal investments in these grants, the Sparks! program will fund only projects with the following characteristics:

Broad Potential Impact—You should identify a specific problem or need that is relevant to many libraries and/or archives and propose a testable and measurable solution. Proposals must demonstrate a thorough understanding of current issues and practices in the project’s focus area and discuss its potential impact within libraries and/or archives. Proposed innovations should be widely adoptable or adaptable.

Significant Innovation—The proposed solution to the identified problem must offer strong potential for non-incremental, significant advancement in the operation of libraries and/or archives. You must explain how the proposed activity differs from current practices or takes advantage of an unexplored opportunity, and the potential benefit to be gained by this innovation.

- URL: <http://www.ims.gov/applicants/detail.aspx?GrantId=19>

MULTIPLE DISCIPLINES

Modeling Social Behavior (R01)

National Institutes of Health (NIH)

Due Date: 2/5/2015, 6/5/2015, 10/5/2015 (standard due dates apply)

This Funding Opportunity Announcement (FOA) encourages applications for developing and testing innovative theories and computational, mathematical, or engineering approaches to deepen our understanding of complex social behavior. This research will examine phenomena at multiple scales to address the emergence of collective behaviors that arise from individual elements or parts of a system working together. Emergence can also describe the functioning of a system within the context of its environment. Often properties we associate with a system itself are in actuality properties of the relationships and interactions between a system and its environment. This FOA will support research that explores the often complex and dynamic relationships among the parts of a system and between the system and its environment in order to understand the system as a whole. To accomplish the goals of this initiative, we encourage applications that build transdisciplinary teams of scientists spanning a broad range of expertise. Minimally this team should include investigators with expertise in the behavioral or social sciences as well as in computational and systems modeling (computer science, mathematics, engineering, or other systems sciences). Applications should demonstrate bridge-building between disciplines, scales and levels. **PAR-13-374**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-13-374.html>

SOCIAL & BEHAVIORAL SCIENCES

Future of Work Research

Russell Sage Foundation

Due Date: Letters of Inquiry 1/16/2015

One of the oldest foundations in the United States, the [Russell Sage Foundation](http://www.russellsage.org) was established by Margaret Olivia Sage in 1907 for "the improvement of social and living conditions in the United States." In pursuit of that mission, the foundation now dedicates itself to strengthening the methods, data, knowledge, and theoretical core of the social sciences as a means of diagnosing social problems and improving social policies. The foundation's program on the Future of Work supports research on the causes and consequences of changes in the quality of jobs for less- and moderately-skilled workers in the United States. The foundation seeks research proposals related to the role of changes in employer practices; the nature of the labor market; and public policies concerning the employment, earnings, and quality of jobs of American workers. Examples of the kinds of topics and questions that are of interest include but are not limited to changing economies, changing families and policy responses (or lack thereof); economics of productivity and the role of managerial practices in improving job quality; causes and consequences of job polarization; and the effects of long-term unemployment and strategies to prevent long-term disadvantage. Priority will be given to analyses of original qualitative and quantitative data sources, and novel uses of existing sources of data to address important questions related to the interplay of market and non-market forces in shaping the well-being of workers, today and in the future. The foundation encourages methodological variety, but all proposals should have well-developed conceptual frameworks and research designs. Analytical models should be specified and research questions and hypotheses should be clearly stated. Awards are available for research assistance, data acquisition, data analysis, and investigator time for conducting research and writing up results. Grants of up to \$150,000 will be awarded to qualified organizations. To be eligible, organizations must be considered nonprofit organizations under section 501(c)(3) of the Internal Revenue Code. Letters of Inquiry must be received no later than January 16, 2015. Upon review, selected applicants will be invited to submit full proposals by March 16, 2015. For complete program guidelines, application instructions, and an FAQ, visit the Russell Sage website.

- URL: <http://www.russellsage.org/research/future-work>

Decision, Risk and Management Sciences (DRMS)

National Science Foundation (NSF)

Due Date: 1/18/2015

The Decision, Risk and Management Sciences program supports scientific research directed at increasing the understanding and effectiveness of decision making by individuals, groups,

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.



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

organizations, and society. Disciplinary and interdisciplinary research, doctoral dissertation research improvement grants (ddrigs), and workshops are funded in the areas of judgment and decision making; decision analysis and decision aids; risk analysis, perception, and communication; societal and public policy decision making; management science and organizational design. The program also supports small grants that are time-critical (Rapid Response Research - RAPID) and small grants that are high-risk and of a potentially transformative nature (EARly-Concept Grants for Exploratory Research - EAGER). For detailed information concerning these two types of grants, please review Chapter II.D of the [NSF Grant Proposal Guide](#). Funded research must be grounded in theory and generalizable. Purely algorithmic management science proposals should be submitted to the [Operations Research Program](#) rather than to DRMS. **PD 98-1321**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5423&WT.mc_id=USNSF_39&WT.mc_ev=click

Methodology, Measurement, and Statistics (MMS)

National Science Foundation (NSF)

Due Date: 1/29/2015, 8/27/2015

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

- URL: <http://www.nsf.gov/pubs/2014/nsf14574/nsf14574.htm>

Science, Technology, and Society (STS)

National Science Foundation (NSF)

Due Date: 2/2/2015

The Science, Technology, and Society (STS) program supports research that uses historical, philosophical, and social scientific methods to investigate the intellectual, material, and social facets of the scientific, technological, engineering and mathematical (STEM) disciplines. It encompasses a broad spectrum of STS topics including interdisciplinary studies of ethics, equity, governance, and policy issues that are closely related to STEM disciplines, including medical science. **NSF 15-506**

- URL: <http://www.nsf.gov/pubs/2015/nsf15506/nsf15506.htm>

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.

Family and Interpersonal Relationships in an Aging Context (R01)

National Institutes of Health (NIH) – National Institute on Aging (NIA)

Due Dates: 2/5/2015, 6/5/2015, 10/5/2015 (standard due dates apply)

This Funding Opportunity Announcement (FOA) encourages innovative, hypothesis-driven R01 research grant applications that can expand understanding of the role and impact of families and interpersonal relationships on health and well-being in midlife and older age. **PA-15-042**

- **URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-15-042.html>

STUDENTS

Collaboration Grants for Mathematics

Simons Foundation

Due Date: 1/31/2015

The Simons Foundation's Division for Mathematics and the Physical Sciences invites applications for grants to mathematicians to stimulate collaboration in the field primarily through the funding of travel and related expenditures. The goal of the program is to support the 'mathematical marketplace' by substantially increasing collaborative contacts between mathematicians. The foundation will make a large number of grants to accomplished, active researchers in the United States who do not otherwise have access to funding for research that supports travel and visitors.

- **URL:** <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/collaboration-grants-for-mathematicians/>