

Funding Bulletin

December 19th, 2014 (Vol. 2, No. 7)

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

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How to Apply

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

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

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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. Additional workshops will be announced at the first of the year.

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 two open limited submission competitions:

(1) 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

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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 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>

(2) Materials Innovation Platforms (MIP)

National Science Foundation (NSF)

Due Date: Internal 1/16/2015; Full Proposal 3/2/2015

The Division of Materials Research (DMR) seeks to significantly accelerate advances in materials research and engineering through the rapid discovery of new materials and phenomena by developing a new midscale user facility program - Materials Innovation Platforms (MIP) program. MIPs embrace the paradigm set forth by the Materials Genome Initiative (MGI) which strives to “discover, manufacture, and deploy advanced materials in half the time and at a fraction of the cost.” Platforms respond to the increasing complexity of conducting materials research that requires the close collaboration of multidisciplinary teams who have access to cutting edge tools. To accelerate research outcomes, Platforms conduct research through iterative “closed-loop” efforts among the areas of materials synthesis, characterization, theory, and the application of theory through modeling and/or simulation. The in-house research conducted by a MIP is transformational and focuses on a targeted materials grand challenge and/or a technological outcome (e.g., understanding complexity, discovery of new phenomena and materials, etc.) that addresses a national priority. MIPs push the frontiers in materials research by advancing the capabilities of current state-of-the-art experimental tools through the development of new techniques and the next generation of instrumentation that will lead to understanding and discovering new phenomena as well as the discovery of complex functional material systems. In addition, it is expected that open access to these cutting edge tools will strengthen collaborations among scientists and enable researchers to work in new ways, while fostering new modalities of multidisciplinary education and training. The user facility aspect of a

Platform accounts for approximately 50% of the collaborative effort, where a MIP provides access to unique high-quality, state-of-the-art instrumentation and technological services through a staff of experts that are accessible to external researchers and all types of institutions. Due to this convergence of expertise, MIPs will serve as focal points that promote cross-fertilization of ideas between internal and external researchers. **One (1) per organization. NSF 15-522**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15522/nsf15522.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

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=/ORAInternalGrants/ORAInternalGrants/>

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

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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

Upcoming NIH Parent (Unsolicited) Announcement Due Dates:

R01 - Research Project Grant (Parent R01): 2/5/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-13-302.html>

R03 - NIH Small Research Grant Program (Parent R03): 2/16/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-13-304.html>

R15 - Academic Research Enhancement Award (Parent R15): 2/25/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-13-313.html>

R21 - NIH Exploratory/Developmental Research Grant Program (Parent R21): 2/16/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-13-303.html>

Sow It Forward Garden Grants Program

Kitchen Gardeners International

Due Date: 1/9/2015

Sow It Forward is the grants and partnership program of Kitchen Gardeners International. The grant is for nonprofit causes or organizations (schools, 501c3s, food banks, community gardens, colleges,

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libraries, prisons, senior programs, etc.) interested in starting or expanding food garden projects that are of general benefit to their community. Past grantees include school gardens, community gardens, food bank gardens, library gardens, senior gardens, prison gardens and homeless shelter gardens among others.

- URL: <http://kqi.org/grants>

Grants

Reva and David Logan Foundation

Due Date: Ongoing

The Reva and David Logan Foundation provides support for: the arts (literature, photography, jazz); investigative reporting (innovative approaches to teaching and delivering excellence in journalism); community organizing and programs to promote social justice; and developmental education initiatives and outstanding scholarship. To apply for funding, potential applicants are asked to email (inform-us@loganfdn.org) a description of their organization, its services, and potential future projects.

- URL: <http://www.loganfdn.org/about.html>

ARTS & HUMANITIES

Humanities Grants

Kansas Humanities Council (KHC)

Due Date: Project Drafts 1/28/2015, Final Applications 2/25/2015

Kansas Humanities Council Humanities Grants support projects that engage the public with the humanities. Goals of the Kansas Humanities Council's Humanities Grant program:

1. Connect people with ideas, places, and history from across time and generations
2. Engage citizens in discussions about a humanities theme or topic
3. Offer multiple points of view for the public to consider
4. Strengthen sense of community

Projects eligible for humanities grant support include a series of public programs specific to a humanities theme, museum exhibitions, film and book discussions, the creation of short

documentary films, radio documentary series, full-length film documentaries, and other creative activities.

- URL: <http://kansashumanities.org/kansas-grants/humanities-grants/>

Shakespeare in American Communities Program

Arts Midwest

Due Date: Optional Intent to Apply 1/28/2015; Applications 2/25/2015

[Shakespeare in American Communities](#), a national theater program of the [National Endowment for the Arts](#) in cooperation with [Arts Midwest](#), brings performances and educational activities to audiences across the country. The program provides middle- and high-school students in underserved schools across the country with professional, high-quality productions of Shakespeare's plays. Arts Midwest is inviting proposals from nonprofit theater companies to perform works by Shakespeare for middle- and high-school students between August 1, 2015, and July 31, 2016. Grants will be awarded to up to forty theater companies to support performances and related educational activities for students from a minimum of ten schools. Applicant review will be based on artistic excellence and merit. The standard grant award is \$25,000. Grants must be matched on a dollar-for-dollar basis. Applicants must be a unit of state or local government or a nonprofit, tax-exempt, U.S.-based theater company that compensates all professional performers and related or supporting professional personnel at no less than the prevailing minimum compensation; have produced Shakespeare or classically-based repertoire within the past five years; and have a minimum of three years' experience providing performances and educational activities to middle and/or high schools.

- URL: <http://www.shakespeareinamericancommunities.org/about/application-process/2015-2016-rfp>

Woody Guthrie Fellowship Program

BMI Foundation

Due Date: 2/2/2015

The Woody Guthrie Fellowship is an annual research program open to scholars pursuing topics of themes related to American folk music progenitor Woody Guthrie. The program offers an unprecedented opportunity for in-depth exploration into the many facets of Guthrie's life, legacy, and contribution to American and world culture. The BMI Foundation, in cooperation with the Woody Guthrie Center, annually awards up to \$5,000 for scholarly research at the extensive Woody Guthrie Archives, a paper-based research repository located in Tulsa, Oklahoma. The Archives currently house of 15,000 items –

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the largest collection of Woody Guthrie primary resource materials anywhere in the world – including Guthrie’s original songwriting notebooks, journals, manuscripts, photographs, correspondences, personal papers, scrapbooks, artwork, and audio recordings. Scholars pursuing research related to Guthrie’s life, historical context, creative works, and musical legacy, as well as his philosophical, political, or humanistic ideals, are encouraged to apply for this prestigious fellowship.

- URL: http://bmifoundation.org/programs/info/woody_guthrie_fellowship

Gest Fellowships

Haverford Libraries

Due Date: 2/3/2015

Each year the Haverford College Special Collections offers up to three month-long \$2,000 fellowships for researchers to use our unique materials. All projects should include religion as a focus; in the spirit of Margaret Gest’s vision, projects should be interdisciplinary and cross-cultural. Projects engaging with any religion, religious community, or historical religious practices will be considered. We hope that materials created through these fellowships advance scholarship and engage with our collections in unique and creative ways. Fellowships are open to scholars at any stage in their careers.

- URL: <http://library.haverford.edu/research/gest-fellowship>

Digital Humanities Implementation Grants

National Endowment for the Humanities (NEH)

Due Date: 2/18/2015

This program is designed to fund the implementation of innovative digital-humanities projects that have successfully completed a start-up phase and demonstrated their value to the field. Such projects might enhance our understanding of central problems in the humanities, raise new questions in the humanities, or develop new digital applications and approaches for use in the humanities. The program can support innovative digital-humanities projects that address multiple audiences, including scholars, teachers, librarians, and the public. Applications from recipients of NEH’s Digital Humanities Start-Up Grants are welcome. Unlike NEH’s start-up grant program, which emphasizes basic research, prototyping, experimentation, and potential impact, the Digital Humanities Implementation Grants program seeks to identify projects that have successfully completed their start-up phase and are well positioned to have a major impact. Proposals are welcome for digital initiatives in any area of the humanities. Digital Humanities Implementation Grants may involve:

- research that brings new approaches or documents best practices in the study of the digital humanities;
- implementation of computationally-based methods or techniques for humanities research;
- implementation of new digital tools for use in humanities research, public programming, or educational settings;
- efforts to ensure the completion and long-term sustainability of existing digital resources (typically in conjunction with a library or archive);
- scholarship that examines the history, criticism, and philosophy of digital culture and its impact on society;
- scholarship or studies that examine the philosophical or practical implications of the use of emerging technologies in specific fields or disciplines of the humanities, or in interdisciplinary collaborations involving several fields or disciplines; or
- implementation of new digital modes of scholarly communication that facilitate peer review, collaboration, or the dissemination of humanities scholarship for various audiences.

Successful projects must make digital innovations and be significant to the humanities.

- URL: <http://www.neh.gov/grants/odh/digital-humanities-implementation-grants>

BUSINESS

Economic Literacy Grants Program

The Calvin K. Kazanjian Economics Foundation

Due Date: 2/15/2015

Supports a wide range of projects aimed at increasing economic literacy, especially the best way to teach the subject (research, curriculum development); the impact of economic education (policy studies, measurement of economic understanding); and encouragement of youth/young adults to participate in the economic system after finishing school (research, conferences, outreach programs). New strategies for teaching economics including on-line and web-based instruction is of interest. Preference for national projects.

- URL: <http://www.kazanjian.org/grants/apply>

EDUCATION

NOTICE – Training in Cost-Effectiveness and Benefit-Cost Methods for Evaluators

The National Center for Education Research (NCER) in the Institute of Education Sciences (IES) of the U.S. Department of Education (ED) announces its first Methods Training on cost analysis in education sciences through The Center for Benefit-Cost Studies of Education (CBCSE). The CBCSE at Teachers College, Columbia University is offering a free training program for researchers and evaluators on applying Cost-Effectiveness Analysis (CEA) and Benefit-Cost Analysis (BCA) to education interventions such as policies and programs. **Dates:** February 2-6, 2015 with 3 subsequent virtual meetings. As part of the virtual meetings, participants will prepare and present a webinar that describes the progress on their current CEA/BCA research. This training will be offered again in the summer of 2015.

- URL: <http://ies.ed.gov/whatsnew/conferences/?id=1280>

Improving Undergraduate STEM Education: Pathways into Geoscience (IUSE: GEOPATHS)

National Science Foundation (NSF)

Due Date: Letters of Intent 1/5/2015; Full Proposals 3/16/2015

A well-prepared, innovative science, technology, engineering and mathematics (STEM) workforce is crucial to the Nation's health and economy. Indeed, recent policy actions and reports have drawn attention to the opportunities and challenges inherent in increasing the number of highly qualified STEM graduates, including STEM teachers. Priorities include educating students to be leaders and innovators in emerging and rapidly changing STEM fields as well as educating a scientifically literate populace. Both of these priorities depend on the nature and quality of the undergraduate education experience. In addressing these STEM challenges and priorities, the National Science Foundation invests in evidence-based and evidence-generating approaches to understanding STEM learning; to designing, testing, and studying instruction and curricular change; to wide dissemination and implementation of best practices; and to broadening participation of individuals and institutions in STEM fields. The goals of these investments include: increasing the number and diversity of STEM students, preparing students well to participate in science for tomorrow, and improving students' STEM learning outcomes. NSF's *Improving Undergraduate STEM Education (IUSE)* initiative, launched in Fiscal Year 2014, supports a coherent set of investments to address immediate challenges and opportunities that are facing undergraduate STEM education, as well as those that anticipate new structures (e.g. organizational changes, new methods for certification or credentialing, course re-conception, cyberlearning, etc.) and new functions of the undergraduate learning and teaching enterprise. The NSF-wide *IUSE* initiative acknowledges the variety of discipline-specific challenges and opportunities facing STEM faculty as they strive to incorporate results from educational research into

classroom practice and work with education research colleagues and social science learning scholars to advance our understanding of effective teaching and learning. **NSF 15-526**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15526/nsf15526.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Research to Evaluate the CDC Heads Up Concussion Initiative in Youth Sports

Centers for Disease Control and Prevention (CDC)

Due Date: Letter of Intent 1/12/2015; Applications 2/24/2015

The purpose of this funding announcement is to rigorously evaluate the implementation and effectiveness of CDC's Heads Up concussion education and awareness materials (e.g., training, toolkits) used by youth sports organizations (leagues, clubs) or high school sports. A secondary purpose is to evaluate whether rule and practice changes in sports can complement the effects of education and awareness efforts.

- **URL:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=269968>

Small Business Innovative Research Program (SBIR) – Phase 1

U.S. Department of Education (ED) – Institute of Education Sciences (IES)

Due Date: 1/15/2015

The purpose of the Small Business Innovation Research (SBIR) program is to stimulate technological innovation in the private sector, strengthen the role of small business in meeting the U.S. Department of Education's (ED or Department) research and development needs, increase the commercial potential of ED-supported research results, and improve the return on investment from Federally-funded research for economic and social benefits to the Nation. The Department invites qualified small business firms to submit a Phase I proposal under this program solicitation. This solicitation is for proposals to develop an education technology product for use by students or teachers (or other instructional personnel) in education, or an education technology product for use by infants, toddlers, or students with or at risk for disabilities, or teachers (or other instructional personnel, related services providers, or family members) in early intervention or special education. Firms with strong research or research and development (R/R&D) capabilities in education technology in the priority areas listed within are encouraged to participate. Consultative or other arrangements between such firms and universities or other non-profit organizations are permitted, but the small business must serve as the contractor. **ED-IES-15R-0005**

- **URL:**<https://www.fbo.gov/index?tab=documents&tabmode=form&subtab=core&tabid=1041902c1f4bf1ffc45702ef00f38e14>

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**OSERS: OSEP: Educational Technology, Media, and Materials for Individuals with Disabilities:
Stepping-up Technology Implementation**

Department of Education (ED)

Due Date: 1/20/2015

The purposes of the Educational Technology, Media, and Materials for Individuals with Disabilities Program are to: (1) Improve results for students with disabilities by promoting the development, demonstration, and use of technology; (2) support educational activities designed to be of educational value in the classroom for students with disabilities; (3) provide support for captioning and video description that is appropriate for use in the classroom; and (4) provide accessible educational materials to students with disabilities in a timely manner. **ED-GRANTS-112114-001**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=269748>

Student Support Services

U.S. Department of Education (ED)

Due Date: 2/2/2015

The purpose of the SSS Program is to increase the number of disadvantaged, low-income college students, first-generation college students, and college students with disabilities in the United States who successfully complete a program of study at the postsecondary level. The support services that are provided should increase the retention and graduation rates for these categories of students and facilitate their transfer from two-year to four-year colleges and universities. The support services should also foster an institutional climate that supports the success of students who are limited English proficient, students from groups that are historically underrepresented in postsecondary education, students with disabilities, students who are homeless children and youths, students who are in foster care or are aging out of the foster care system, and other disconnected students. Student support services should also improve the financial and economic literacy of students.

- URL: <https://www.federalregister.gov/articles/2014/12/18/2014-29769/applications-for-new-awards-student-support-services-program>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Vernier Engineering Contest

Vernier Software & Technology

Due Date: 1/15/2015

Vernier Software & Technology is committed to helping educators develop the next generation of engineers and scientists. To show our support, Vernier will recognize three instructors, one middle school, one high school, and one college instructor, with the Vernier Engineering Award. This \$5,500 award will be presented to instructors who are creatively using Vernier sensors to introduce engineering concepts or engineering practices. This may be in conjunction with Vernier's Logger Pro software, NI LabVIEW software, LEGO NXT, VEX, or any other system incorporating Vernier sensors.

- URL: <http://www.vernier.com/grants/engineering/>

ROSES 2014: Severe Storm Research

National Aeronautics and Space Administration (NASA)

Due Date: Notices of Intent 1/23/2015; Proposals 3/3/2015

Many types of severe storms occur in nature. This solicitation is focused on tornadoes and the processes that lead to their generation. Tornadoes usually form when the atmosphere is convectively unstable and the winds are rapidly changing direction as a function of height. We seek to determine and demonstrate how satellite based measurements may be used to identify the development of temperature and wind flow patterns in the atmosphere which can cause sufficient moisture, instability, lift and wind shear for tornadic thunderstorms to occur. The emphasis is on satellite based observations but conventional ground based measurements may also be used in a complementary manner.

- URL: <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={05C8B845-2A46-C01C-49DD-B613EF2D405E}&path=open>

Edge-Directed Cyber Technologies for Reliable Mission Communication 9EDICT)

Defense Advanced Research Projects Agency (DARPA)

Due Date: 1/27/2015

DARPA is soliciting innovative research proposals in the area of resilient, mission-aware computer networking. Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of practice. **DARPA-BAA-15-10**

- **URL:**https://www.fbo.gov/index?s=opportunity&mode=form&id=5a97c785a0da61ddb1eac4dfa811a576&tab=core&_cvview=1

Algorithms in the Field (AitF)

National Science Foundation (NSF)

Due Date: 2/9/2015

Algorithms in the Field encourages closer collaboration between two groups of researchers: (i) theoretical computer science researchers, who focus on the design and analysis of provably efficient and provably accurate algorithms for various computational models; and (ii) applied researchers including a combination of systems and domain experts (very broadly construed – including but not limited to researchers in computer architecture, programming languages and systems, computer networks, cyber-physical systems, cyber-human systems, machine learning, database and data analytics, etc.) who focus on the particular design constraints of applications and/or computing devices. Each proposal must have at least one co-PI interested in theoretical computer science and one interested in any of the other areas typically supported by CISE. Proposals are expected to address the dissemination of the algorithmic contributions and resulting applications, tools, languages, compilers, libraries, architectures, systems, data, etc. **NSF 15-515**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15515/nsf15515.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Manufacturing Machines and Equipment

National Science Foundation (NSF)

Due Date: 2/17/2015

The MME program supports fundamental research leading to improved manufacturing machines and equipment, and their application in manufacturing processes. Key goals of the program are to advance the transition of manufacturing from skill-based to knowledge-based activities, and to

advance technologies that will enable the manufacturing sector to reduce its environmental impacts. A focus is on the advancement of manufacturing machines and related systems engineering that will enable energy manufacturing, namely the manufacture of facilities and equipment that will enable the conversion of renewable resources into energy products such as electricity and liquid fuels, on a large scale. The program also supports research on additive manufacturing, laser processing and bonding/joining processes encompassing feature scales from microns to meters. Proposals with focus on materials for these processes are also welcome in MME. **PD-14-1468**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13346

Sensors, Dynamics, and Control (SDC)

National Science Foundation (NSF)

Due Date: 2/17/2015

The Sensors, Dynamics, and Control (SDC) program supports fundamental research on the analysis, measurement, monitoring and control of complex dynamical and structural systems, including development of new analytical, computational and experimental tools, and novel applications to engineered and natural systems. Program objectives are the discovery of new phenomena and the investigation of innovative methods and applications for dynamics, measurement, and control. Transformative research on complex networks, linear and nonlinear discrete or infinite dimensional systems spanning a multitude of time and length scales and physical domains are of interest, as are highly interdisciplinary projects and projects addressing security, resilience and sustainability. Basic research strongly motivated by industry needs or other real-life applications is welcome. The SDC program supports fundamental research on the theories of dynamical systems to uncover novel paradigms for modeling, control and analysis of dynamic phenomena and systems that undergo spatial and temporal evolution with applications crossing interdisciplinary boundaries, along with fundamental studies on stability, phase transitions, and wave propagation in complex and non-local media. Furthermore, the program supports fundamental research on monitoring, analysis, and decision-making processes for integrity monitoring, sensors reliability and safety of complex engineered systems, especially under conditions of uncertainty. Of interest is the investigation of big data (high-volume and high-speed) issues related to virtually-continuous streams of measurements from heterogeneous sensors for continuous systems monitoring. The SDC program also includes fundamental research on control theory and its applications. Topics of current interest include unconventional applications of control; the combined roles of feedback, feedforward and uncertainty; integrated feedback, communication and signal processing; and control concepts inspired by nature. **PD 14-7569**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505099&WT.mc_id=USNSF_25&WT.mc_ev=click

Cyber-Innovation for Sustainability Science and Engineering (CyberSEES)

National Science Foundation (NSF)

Due Date: 2/24/2015

The Cyber-Innovation for Sustainability Science and Engineering (CyberSEES) program aims to advance interdisciplinary research in which the science and engineering of sustainability are enabled by new advances in computing, and in which computational innovation is grounded in the context of sustainability problems. The CyberSEES program is one component of the National Science Foundation's Science, Engineering, and Education for Sustainability (SEES) activities, a Foundation-wide effort aimed at addressing the challenge of sustainability through support for interdisciplinary research and education. In the SEES context, a sustainable world is one where human needs are met equitably without harm to the environment or sacrificing the ability of future generations to meet their own needs. Computational approaches play a central role in understanding and advancing sustainability. CyberSEES supports research on topics that depend on advances in computational areas including optimization, modeling, simulation, prediction and inference; large-scale data management and analytics; advanced sensing techniques; human computer interaction and social computing; infrastructure design, control and management; and intelligent systems and decision-making. Additionally, the widespread, intensive use of computing technologies also introduces sustainability challenges and motivates new approaches across the lifecycle of technology design and use. **NSF 15-524**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15524/nsf15524.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

HEALTH, LIFE & EARTH SCIENCES

COBRE Phase III: Novel Approaches for the Control of Microbial Pathogens – Request for Pilot Project Applications

University of Kansas Medical Center

Due Date: Letters of Intent 1/2/2015; Applications 2/20/2015

Applications are requested for up to \$55,000 for pilot projects to be funded by the COBRE grant entitled Novel Approaches for the Control of Microbial Pathogens. We plan to fund two 2-year pilot project applications. The second year of funding is contingent upon review of progress at the annual External Advisory Committee Meeting, submission of all required reporting information, and submission of at least one R01 or R21 application during the first year of funding. Research must fall

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within the area of the central theme of the COBRE program. The research theme is centered on mechanisms inhibiting replication of pathogenic microbes, with the long-term goal of controlling infectious diseases important in human health.

- **URL:** <http://webs.wichita.edu/?u=WSURESEARCHADMIN&p=/ORAIInternalGrants/externalgrants/>

Tectonics

National Science Foundation (NSF)

Due Date: 1/12/2015, 6/22/2015

The Tectonics Program supports a broad range of field, laboratory, computational, and theoretical investigations aimed at understanding the deformation of the terrestrial continental lithosphere (i.e. above the lithosphere-asthenosphere boundary). The Program focuses on non-magmatic deformation processes and their tectonic drivers that operate at any depth within the continental lithosphere, on time-scales of decades/centuries (e.g. active tectonics) and longer, and at micro- to plate boundary/orogenic belt length-scales. **NSF 14-609**

- **URL:** <http://www.nsf.gov/pubs/2014/nsf14609/nsf14609.htm>

Innovative Educational Projects

Paralyzed Veterans of America Education Foundation

Due Date: 2/1/2015

[Paralyzed Veterans of America](#) advocates for better health care and benefits, aids in the search for a truly satisfying career, and provides the path to adventure through adaptive sports for paralyzed American veterans. Through its charitable arm, the [Paralyzed Veterans of America Education Foundation](#), the organization supports educational projects that benefit, serve, and enhance quality of life for individuals with spinal cord injury/disease, their families, and their caregivers. The foundation has five categories for funding consideration: consumer, caregiver, and community education; professional development and education; research utilization and dissemination; assistive technology; and conferences and symposia. Projects should be designed to improve the quality of life for individuals with SCI/D, educate consumers about the consequences of and complications associated with SCI/D, improve the knowledge and skills of SCI/D healthcare professionals, and/or prevent the occurrence and complications of new SCI/D. The foundation supports one-year projects up to a maximum of \$50,000; conferences and symposia are supported at \$15,000 maximum. Eligible applicants should be members of academic institutions, healthcare providers and organizations, or

consumer advocates and organizations. Grantee institutions must be located in the United States or Canada. Project directors and fellows are not required to be citizens of the U.S. or Canada. All applications must be submitted in the name of the project director by the fiscally responsible organizational entity. For complete program guidelines, application instructions, and a list of grant recipients from previous years, visit the PVA Education Foundation website.

- URL: http://www.pva.org/site/c.ajlRK9NjLcJ2E/b.6305829/k.6E40/PVA_Education_Foundation.htm

Predoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene

Department of Health and Human Services (DHHS) – Health Resources and Services

Administration (HRSA)

Due Date: 2/2/2015

This funding opportunity announcement (FOA) solicits applications for the FY 2015 Predoctoral Training in General, Pediatric and Public Health Dentistry and Dental Hygiene program. The goal of this announcement is to enhance dental workforce education and training to prepare predoctoral dental students, dental hygiene students, and dental hygienists to practice in new and emerging models of care that are designed to meet the needs of vulnerable, underserved, or rural communities. The emphasis will be on training in new models that stress the integration of oral health into larger care delivery systems and expanded roles of dental hygienists, under evolving State practice acts. **HRSA-15-050**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=270270>

Projects to Improve Lives of Aging Americans

Retirement Research Foundation

Due Dates: 2/2/2015, 5/1/2015, 8/3/2015

The [Retirement Research Foundation](#) is accepting proposals from nonprofit organizations for local and national projects designed to improve the quality of life for older Americans. Grants will be awarded in support of projects that provide direct services, advocacy, and education and training for professionals working with elders, as well as for research that investigates causes of and solutions to significant challenges faced by older adults. To be eligible for funding, projects must have a local focus in one of the following seven states: Illinois, Indiana, Iowa, Kentucky, Missouri, Wisconsin, and Florida. However, advocacy, training, and research projects of national relevance will be considered from organizations located anywhere in the United States. In 2015, the foundation will consider proposals on February 2, May 1, and August 3. Applicants who want to discuss a project before

submitting a full proposal should send a brief Letter of Inquiry to the foundation at least three weeks prior to one of those deadlines.

- URL: <http://www.rtf.org/grants/responsive-grants>

Core Facility Support

Kansas Idea Network of Biomedical Research Excellence (K-INBRE)

Due Date: 2/5/2015

This award is for the purpose of providing funds to institutional core facilities that support the research focus of the K-INBRE, Cell and Developmental Biology. Proposals are limited to one year of funding.

- URL: <http://www.k-inbre.org/FacultyAwards.html>

Recruitment Package

Kansas Idea Network of Biomedical Research Excellence (K-INBRE)

Due Date: 2/5/2015

Recruitment/Start-up packages are for the purpose of assisting in the process of bringing in new faculty to K-INBRE Undergraduate Partner Institutions (UPI) Emporia State University, Fort Hays State University, Haskell Indian Nations University, Langston University, Pittsburg State University, Washburn University, Wichita State University and helping in the establishment of their research laboratories.

- URL: <http://www.k-inbre.org/FacultyAwards.html>

Health Services Research Projects (R01)

Agency for Healthcare Research and Quality (AHRQ)

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

The Research Project Grant (R01) is an award made by AHRQ to an institution/organization to support a discrete, specified health services research project. The project will be performed by the named investigator and study team. The R01 research plan proposed by the applicant institution/organization must be related to the mission and portfolio priority research interests of AHRQ. **PA-13-045**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-13-045.html>

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NIDCD Research on Hearing Health Care (R01)

National Institutes of Health (NIH) – National Institute on Deafness and Other Communication Disorders (NIDCD)

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

This FOA encourages Research Project Grant (R01) applications from institutions/organizations to support research leading to accessible and affordable hearing health care (HHC). The overarching emphasis is on the acquisition of knowledge that can be rapidly translated into new or enhanced approaches for access, assessment or interventions with a goal to delivering better hearing health care outcomes. Applications should seek quality approaches that are effective, affordable and deliverable to those who need them as well as implementable and sustainable in settings beyond the research environment. **PA-14-091**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-091.html>

Promoting Research in Basic Neuroscience (R01)

National Institutes of Health (NIH)

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

The goal of this Funding Opportunity Announcement (FOA) is to stimulate research addressing fundamental questions in basic neuroscience. Proposed projects can address any area of neuroscience within the missions of the participating institutes and should focus on understanding the structure and/or function of the normal nervous system. While fundamental basic research often generates insights relevant to disorders of the nervous system, this FOA is not intended to stimulate research that is explicitly disease-related. **PAS-15-029**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAS-15-029.html>

Macy Foundation

2015 Faculty Scholars Program

Due Date: 2/11/2015

Founded in 1930 by Kate Macy Ladd in memory of her father, prominent philanthropist Josiah Macy, Jr., the [Josiah Macy, Jr. Foundation](#) supports projects that broaden and improve health professional education. To that end, the foundation has issued a Call for Applications for the fifth class of Macy Faculty Scholars, an annual program designed to identify and nurture the careers of promising educational innovators in medicine and nursing. With support from the Macy Foundation, scholars

will implement new educational innovations at their home institutions and participate in career development activities. To help them, scholars will receive salary support of up to \$100,000 per year for two years; at least 50 percent protected time for two years to pursue their project; active mentorship by a senior faculty member at their institution; access to the program's national advisory committee; and opportunities to participate in Macy conferences and other national meetings. To be eligible, applicants must have been a faculty member for more than five years in an accredited nursing school, allopathic medical school, or osteopathic medical school in the U.S.; be nominated by the dean of the school; and have a faculty mentor who will advise the candidate on the educational innovation project and on his/her career development. In addition, all applicants must be citizens or permanent residents of the U.S. or one of its territories.

- URL: <http://macyfoundation.org/news/entry/call-aps-2015-macy-scholars>

Advanced Nursing Education Program

Department of Health and Human Services (DHHS) – Health Resources and Services Administration (HRSA)

Due Date: 2/13/2015

This announcement solicits applications from eligible applicants for projects to support the enhancement of Advanced Nursing Education and Practice. It is anticipated that projects will develop and test innovative academic-practice partnership models for clinical training within the graduate nursing education programs that prepare graduate nursing students to provide safe, quality care within the complex practice-based environment of the nation's evolving healthcare system. Awardees will create one or more innovative partnerships between academic institutions and rural or underserved clinical practice sites to improve the quality of clinical sites and preceptors, improve preceptor training and promote students' readiness to practice upon graduation. Awardees will also use on-going, iterative quality improvement and outcomes evaluation methods to test and improve the effectiveness of the clinical training models. **HRSA-15-046**

- URL: <http://www.grants.gov/view-opportunity.html?oppld=270149>

Leadership Grant

Foundation of the National Nurses' Association

Due Date: 2/13/2015

The [Foundation of the National Student Nurses' Association](#) is accepting applications for its Marilyn Bagwell Leadership Development Grant, an annual program to foster the development of leadership skills in nursing students at the school level. A grant of up to \$2,500 will be awarded to one nursing

program that wishes to establish or enhance its involvement in NSNA. The funds may be used to create an official NSNA chapter; to support special initiatives/activities of an official chapter where leadership principles can be applied and learned; and to promote the advancement of the [resolutions](#) adopted by NSNA within the last ten years. The school that receives the grant will be recognized at the [63rd NSNA Annual Convention](#) in Phoenix, Arizona, in April 2015. A faculty advisor from the nursing program must apply for the grant. Individual students are not eligible. For complete program guidelines and application instructions, visit the foundation FNSNA website.

- URL: <http://www.forevernursing.org/grants.html>

MULTIPLE DISCIPLINES

Board of Educational Affairs (BEA) Grants for Precollege & Undergraduate Conferences Systems Science and Health in the Behavioral and Social Sciences

National Institutes of Health (NIH)

Due Dates: varies by mechanism with Letters of Intent due 30 days prior to application due date (see details below)

This FOA is intended to increase the breadth and scope of topics that can be addressed with systems science methodologies. This FOA calls for research projects that are applied and/or basic in nature (including methodological and measurement development), have a human behavioral and/or social science focus, and employ methodologies suited to addressing the complexity inherent in behavioral and social phenomena, referred to as systems science methodologies. Additionally, this FOA seeks to promote interdisciplinary collaboration among health researchers and experts in computational approaches to further the development of modeling- and simulation-based systems science methodologies and their application to important public health challenges.

R01: PAR-15-048 – Due Dates: 2/5/2015, 6/5/2015, 10/5/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-048.html>

R21: PAR-15-047 – Due Dates: 2/16/2015, 6/16/2015, 10/16/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-047.html>

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Science of Science and Innovation Policy (SciSIP)

National Science Foundation (NSF)

Due Date: 2/9/2015

The Science of Science & Innovation Policy (SciSIP) program supports research designed to advance the scientific basis of science and innovation policy. Research funded by the program thus develops, improves and expands models, analytical tools, data and metrics that can be applied in the science policy decision making process. For example, research proposals may develop behavioral and analytical conceptualizations, frameworks or models that have applications across a broad array of SciSIP challenges, including the relationship between broader participation and innovation or creativity. Proposals may also develop methodologies to analyze science and technology data, and to convey the information to a variety of audiences. Researchers are also encouraged to create or improve science and engineering data, metrics and indicators reflecting current discovery, particularly proposals that demonstrate the viability of collecting and analyzing data on knowledge generation and innovation in organizations. Among the many research topics supported are:

- examinations of the ways in which the contexts, structures and processes of science and engineering research are affected by policy decision,
- the evaluation of the tangible and intangible returns from investments in science and from investments in research and development,
- the study of structures and processes that facilitate the development of usable knowledge, theories of creative processes and their transformation into social and economic outcomes,
- the collection, analysis and visualization of new data describing the scientific and engineering enterprise.

The SciSIP program invites the participation of researchers from all of the social, behavioral and economic sciences as well as those working in domain-specific applications such as chemistry, biology, physics, or nanotechnology. The program welcomes proposals for individual or multi-investigator research projects, doctoral dissertation research 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 as well as international collaboration. **PD 09-7626**

- **URL:**http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501084&WT.mc_id=USNSF_39&WT.mc_ev=click

SOCIAL & BEHAVIORAL SCIENCES

Law & Social Sciences (LSS)

National Science Foundation (NSF)

Due Date: 2/4/2015, 8/3/2015

The Law & Social Sciences Program considers proposals that address social scientific studies of law and law-like systems of rules. The Program is inherently interdisciplinary and multi-methodological. Successful proposals describe research that advances scientific theory and understanding of the connections between law or legal processes and human behavior. Social scientific studies of law often approach law as dynamic, made in multiple arenas, with the participation of multiple actors. Fields of study include many disciplines, and often address problems including though not limited to:

1. Crime, Violence and Punishment
2. Economic Issues
3. Governance
4. Legal Decision Making
5. Legal Mobilization and Conceptions of Justice
6. Litigation and the Legal Profession

LSS provides the following modes of support:

1. Standard Research Grants and Grants for Collaborative Research
2. Doctoral Dissertation Research Improvement Grants
3. Interdisciplinary Postdoctoral Fellowships
4. Workshop and Conference Awards

NSF 15-514

- [URL: http://www.nsf.gov/pubs/2015/nsf15514/nsf15514.htm?WT.mc_id=USNSF_25&WT.mc_ev=click](http://www.nsf.gov/pubs/2015/nsf15514/nsf15514.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

Action Research Initiative (CARI) Grant

American Sociological Association

Due Date: 2/15/2015

The grants support sociologists seeking to work with community organizations, local public interest groups, or community action projects. Sociologists are expected to work in relevant community organizations. The proposed work can include such activities as needs assessments, empirical research relevant to community activities or action planning, the design and/or implementation of evaluation studies, or analytic review of the social science literature related to a policy issue or

problem. Innovative placements and plans are encouraged. They may also be called upon to participate in press briefings, testimony, or other presentations related to the subject area of the fellowship. Standard research projects, however interesting, are not appropriate for this funding. The goal of this program is to link sociologists with community action groups and to use sociological research to advance the goals of those groups.

- URL: <http://www.asanet.org/funding/cari.cfm>

STUDENTS

Junior Fellows Summer Internships

Library of Congress

Due Date: 1/23/2015

The Library's Junior Fellows Summer Internship Program once again is offering 10-week paid fellowships to college students. For a stipend of \$3,000, the 2015 class of Junior Fellows will work full-time with Library specialists and curators from **June 1 through Aug. 7, 2015**, to inventory, describe and explore collection holdings and to assist with digital-preservation outreach activities throughout the Library. The program aims to increase access to collections and awareness of the Library's digital-preservation programs by making them better-known and available to Members of Congress, scholars, researchers, students, teachers and the general public. Applications will be accepted online only at usajobs.gov, keyword: Junior Fellows from **Monday, Dec. 15, 2014, through midnight, Friday, Jan. 23, 2015**. For more details about the program and information on how to apply, visit www.loc.gov/hr/jrfellows/. Questions about the program may be sent to interns2015@loc.gov.

- URL: <http://www.loc.gov/today/pr/2014/14-209.html>

Field Studies for Doctoral Students

American Philosophical Society

Due Date: 2/5/2015

The [American Philosophical Society](http://www.americanphilosophical.org) promotes useful knowledge in the sciences and humanities through excellence in scholarly research, professional meetings, publications, library resources, and community outreach. Through its Lewis and Clark Fund, the society will award grants of up to \$5,000 to doctoral students for exploratory field studies that include collection of specimens and data to

provide the imaginative stimulus that accompanies direct observation. The program supports projects within disciplines that have a large dependence on field studies, including but not limited to archeology, anthropology, biology, ecology, geography, geology, linguistics, paleontology, and population genetics. To be eligible, applicants must be doctoral students, postdoctoral fellows, or master's degree candidates. Undergraduates are not eligible. In addition, applicants must be citizens or residents of the United States. Visit the APS website for complete program guidelines, an FAQ, and application instructions.

- URL: <http://www.amphilsoc.org/grants/lewisandclark>

E-Team Programs

VentureWell (formerly NCIIA)

Due Date: 2/6/2015, 5/8/2015

The VentureWell E-Team Program gives college students the chance to move new tech ideas out of the lab and classroom and into the marketplace. The three-stage program provides grant funding, experiential workshops, veteran coaching and a potential investment opportunity to help teams manifest their projects' full commercial potential.

- **Stage 1** provides funding of \$5,000 to attend a three-day workshop on how to better articulate the opportunity for the innovation in the marketplace. Remaining funds may be used to support further development of the project/product.
- **Stage 2** provides additional funding of up to \$20,000. In a second workshop, teams develop their business model hypotheses and plans to test them. Six monthly coaching sessions follow, helping keep teams moving forward.
- **Stage 3** Eligible Stage 2 teams may be invited to participate in Stage 3, which focuses on helping teams develop a "lens of the investor" perspective and culminates in a venture forum presentation to potential investors. VentureWell invests up to \$50,000 in two to three Stage 3 teams per year.

This program is for US-based college or university student-led teams, not for individual inventors. VentureWell encourages proposals that involve students and advisors from engineering, science, business, design, and liberal arts disciplines. Strong E-Team projects consist of multidisciplinary advisors, mentors with relevant industry experience and connections, strong partnerships (required if you are working outside the US), and experiential learning opportunities. Graduate and/or undergraduate **students should serve as the entrepreneurial leaders** of a team, regardless of the origin of the idea or invention

- URL: <http://venturewell.org/student-grants/>

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