

Funding Bulletin

November 6th, 2015 (Vol. 3, No. 3)

Funding Information

To receive funding information, please contact funding@wichita.edu.

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

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

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

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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/>

Let us know you found it in the RTT Funding Bulletin!!



WORKSHOPS

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

WORKSHOP TITLE	DATE	TIME	ROOM	DESCRIPTION
NIH Webinar for Applicants- Research Project Grants (RO1)	Nov. 6	1:00-3:00 p.m.	264 Spencer (RSC)	This webinar is designed to give participants useful insights into the Center for Scientific Review's application submission and peer review processes. To register, go to the Faculty/Staff tab and select myTraining under Quick Links. From the tab myTraining Options, select the Events Calendar.
Funding Opportunities: Come Discover the Possibilities	Nov. 13	2:30 – 4:00 p.m.	405 Jardine	Funding Search Resources; Foundation and Federal Funding Opportunities; Institutional vs. Individual Awards. Please join the Office of Research for practical tips for finding funding opportunities and the resources available to you at WSU.
IP Training: Copyrights & Trademarks	Nov. 20	10:30a.m. – 12:00p.m. AND 2:00 – 3:30p.m.	Devlin Hall	Cheryl Burbach, partner at Hovey Williams LLP, will be presenting on Copyright and Trademarks. Both sessions are open to faculty, staff and students. <i>Student reservation should be made through wsuventures@wichita.edu.</i>
Developing Budgets: How to Avoid a Budget Battle Before a Grant Goes Out	Dec. 16	3:30 – 5:00 p.m.	266 Pike (RSC)	Please join the Office of Research for answers to all your budget questions - Allowable costs vs Unallowable Costs; WSU Rates, Travel questions; How to build flexibility into grant budgets; What is cost match and where can I find it; What is indirect cost recovery? Caleb Loss, Senior Grants and Contracts Administrator, will present on this topic.
PIVOT Open Lab	Dec. 17	2:30-4:00 p.m.	405 Jardine	The Office of Research will be holding Open Labs this fall for Faculty interested in using PIVOT as well as answering questions regarding their existing account. This is a come and go lab with no registration required.

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 is currently *one* open limited submission competitions:

NIH Director's Early Independence Awards (DP5)

National Institutes of Health (NIH) - National Institute of Dental and Craniofacial Research (NIDCR)

Due Date: Internal 12/14/2015; Letter of Intent 12/29/2015; Applications 1/29/2016

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 or clinical residency, thereby forgoing the traditional post-doctoral training period and accelerating their entry into an independent research career. The NIH Director's Early Independence Awards provide an opportunity for exceptional junior scientists to accelerate their entry into an independent research career by forgoing the traditional post-doctoral training period. Though most newly graduated doctoral-level researchers would benefit by post-doctoral training, a small number of outstanding junior investigators would benefit instead by launching directly into an independent research career. For these select investigators, who have established a record of scientific innovation and research productivity and who have demonstrated unusual leadership, drive, and maturity, post-doctoral training would unnecessarily delay their entry into performing independent research. The NIH Director's Early Independence Awards also provide an opportunity for institutions to invigorate their research programs by bringing in the fresh perspectives of the awardees that they host. **Only up to two applications per institution are allowed. RFA-RM-15-006**

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-RM-15-006.html>

INTERNAL OPPORTUNITIES

WSU's Office of Research is currently accepting nominations for three excellence awards **1) Excellence in Creative Activity Award, 2) Award for Community Research, and 3) Excellence in Research Award**. Nominations are due by Friday, December 4th, 2015. For questions regarding this Call for Nominations, please contact Karen Davis by phone at 978-6808 or by email at proposals@wichita.edu.

For more information visit:

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

GENERAL

National Robotics Initiative (NRI)

National Science Foundation (NSF)

Due Date: 12/3/2015

The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside or cooperatively with people. Innovative robotics research and applications emphasizing the realization of such co-robots working in symbiotic relationships with human partners is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), the U.S. Department of Agriculture (USDA), and the U.S. Department of Defense (DOD). The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas. It will address the entire life cycle from fundamental research and development to manufacturing and deployment. Questions concerning a particular project's focus, direction and relevance to a participating funding organization should be addressed to that agency's point of contact listed in section VIII of this solicitation. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long-term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. Only one class of proposals will be considered in response to this solicitation; there will not be separate competitions for small, medium, and large proposals. Please refer to section III of this solicitation for budget size information.

NSF 15-505

- URL: <http://www.nsf.gov/pubs/2015/nsf15505/nsf15505.htm>

Community Grant Program

Walmart Foundation

Due Date: 12/31/2015

Walmart believes in operating globally and giving back locally - creating impact in the neighborhoods where it lives and work. Through the Community Grant Program, the associates are proud to support the needs of their communities by providing grants to local organizations. Funds must benefit the facility's service area: potential grantees should be nonprofit organizations with programs that benefit communities within the service area of the Walmart store, Sam's Club or Logistics facility from which

they are requesting funds. Walmart and the Walmart Foundation have identified four core areas of giving: Hunger Relief and Healthy Eating, Sustainability, Women's Economic Empowerment or Career Opportunity. To ensure that the application has the best chance of being funded, the proposed use of the grant should fit within one of these areas of giving. Primary consideration for the Community Grant program is to support local organizations with programs that align with the Foundation's areas of giving. However, programs that do not align with these areas may also be given consideration.

- URL: <http://foundation.walmart.com/apply-for-grants/local-giving>

ARTS & HUMANITIES

Expeditions & Fieldwork

Soddy Trust, Frederick

Due Date: 1/18/2016, 9/18/2016

For an expedition or field work application to gain the support of the Trust, it must be to study "the whole life of an area" with a major emphasis on current human geography. The Trust cannot support research into wild life or environments. Trustees are encouraged when they see that the expedition has established contacts in the area of study in advance of applying for a grant. Collaboration with the country to be visited is deemed important.

- URL: <http://www.soddy.org/expeditions.htm>

Grants for Anthropological and Linguistic Research Working With Native American Peoples

Jacobs Research Funds

Due Date: 2/15/2016

The Jacobs Research Funds (JRF) funds projects involving fieldwork with living peoples that result in publication or other dissemination of information about the fieldwork. Priority is given to research on endangered cultures and languages, and to research on the Pacific Northwest. Projects focusing on archival research are given low priority. Relevance of the project to contemporary theoretical issues in anthropology and linguistics is also a criterion used in evaluating proposals. Funded projects typically focus on linguistic analysis, social-cultural anthropology, ethnolinguistics, or sociolinguistics. Especially appropriate are field studies that address cultural expressive systems, such as music, language, dance,

mythology, world view, folk taxonomy, art, intellectual life, and religion. Also appropriate are projects focusing on cultural and linguistic forms in modern contexts - for example, traditional environmental knowledge or social organization. Projects in archeology, physical anthropology, applied anthropology, and applied linguistics (for example, grants exclusively for technological improvements, development of pedagogical materials, etc.) are not eligible for support. It is expected that both the subjects of research and society in general will ultimately benefit from the knowledge generated by the funded research. The Jacobs Research Funds therefore do not support proprietary research for the exclusive use of any entity, public or private (such as national, state, provincial, or local governments; public or private charities, churches or foundations; tribes or bands; or community groups). There are three categories of grants:

1. **Individual Grants** support research projects administered by a single investigator on a focused problem.
2. **Group Grants** support work by two or more researchers who will be cooperating on the same or similar projects. The researchers should be sharing field expenses working with the same language, with the same speakers, and/or in the same geographical area.
3. **The Kinkade Grants** support projects requiring an intense period of fieldwork, such as research leading to a major work such as a dictionary, collection of texts, etc.

- URL: <http://depts.washington.edu/jacobsf/application.html>

Next Generation Humanities PhD Implementation and Planning Grants

National Endowment for the Humanities (NEH)

Due Date: 2/17/2016

In recent years, research published by Humanities Indicators, among others, has revealed that humanities PhDs pursue careers in many different professions--both inside and outside academia. Yet most humanities PhD programs in the United States still prepare students primarily for tenure-track professor positions at colleges and universities. The increasing shortage of such positions has changed students' expected career outcomes. NEH therefore hopes to assist universities in implementing a new model of doctoral education, which can both transform the understanding of what it means to be a humanities scholar and promote the integration of the humanities in the public sphere.

Next Generation Humanities PhD Implementation Grants support universities in instituting wide-ranging changes in humanities doctoral programs. Humanities knowledge and methods can make an even more substantial impact on society if students are able to translate what they learn in doctoral programs into a multitude of careers. Next Generation PhD Implementation Grants are designed to produce plans that will transform scholarly preparation in the humanities at the doctoral level. Students will be prepared to undertake various kinds of careers, and humanities PhD programs will increase their relevance for the twenty-first century.

Next Generation Humanities PhD Planning Grants support universities in preparing to institute wide-ranging changes in humanities doctoral programs. Humanities knowledge and methods can make an even more substantial impact on society if students are able to translate what they learn in doctoral programs into a multitude of careers. Next Generation PhD Planning Grants are designed to bring together various important constituencies to discuss and strategize, and then to produce plans that will transform scholarly preparation in the humanities at the doctoral level. Students will be prepared to undertake various kinds of careers, and humanities PhD programs will increase their relevance for the twenty-first century.

NEH will support activities specific to each institution's needs: these may include (but are not limited to) multi-departmental collaboration, transformations in curricula, modifications in stipend structures, altered formats for dissertations, commitment to collection of alumni career information and outcomes, partnerships with non-university entities, as well as a pledge to encourage doctoral students to explore and prepare for multiple career trajectories. NEH intends the Implementation Grants program to promote best practices on the part of its awardee institutions, and thereby to establish a new model for graduate education in the humanities. **Grantee institutions must provide funds (either their own funds or funds raised from nonfederal third parties) equal to the grant funds released by NEH.**

Implementation Grants:

- URL: <http://www.neh.gov/grants/challenge/next-generation-humanities-phd-implementation-grants>

Planning Grants:

- URL: <http://www.neh.gov/grants/challenge/next-generation-humanities-phd-planning-grants>

EDUCATION

**Personnel Development to Improve Services and Results for Children with Disabilities:
Preparation of Special Education, Early Intervention, and Related Services Leadership
Personnel**

United States Department of Education (ED) - Office of Special Education Programs (OSEP)

Due Date: 12/8/2015

The purposes of this program are to (1) help address State-identified needs for highly qualified personnel in special education, related services, early intervention, and regular education to work with



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children, including infants and toddlers, with disabilities; and (2) ensure that those personnel have the necessary skills and knowledge, derived from practices that have been determined through scientifically based research and experience, to be successful in serving those children. The purpose of the Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel priority is to support programs that prepare special education, early intervention, and related services personnel at the graduate level who are well-qualified for, and can act effectively in, leadership positions in universities, State educational agencies (SEAs), lead agencies (LAs), local educational agencies (LEAs), early intervention services programs (EIS programs), or schools. State and local agencies also need leadership personnel who are prepared at the graduate level (i.e., master's, education specialist, and doctoral degrees, depending on State certification requirements) to fill special education and early intervention administrator positions. These administrators supervise and evaluate the implementation of evidence-based instructional programs to make sure that State or local agencies are meeting the needs of children with disabilities. Administrators also ensure that schools and programs meet Federal, State, and local requirements for special education, early intervention, and related services (Lashley & Boscardin, 2003). The purpose of the Preparation of Special Education, Early Intervention, and Related Services Leadership Personnel priority is to support pre-existing degree programs that prepare special education, early intervention, and related services personnel at the graduate level who are well-qualified for, and can act effectively in, leadership positions in universities, SEAs, LAs, LEAs, EIS programs, or schools. **This priority supports two types of programs:**

Type A programs are designed to prepare special education, early intervention, or related services personnel to serve as higher education faculty. Type A programs culminate in a doctoral degree or provide postdoctoral learning opportunities.

Type B programs are designed to prepare special education or early intervention administrators to work in SEAs, LAs, LEAs, EIS programs, or schools. Type B programs prepare personnel for positions such as SEA special education administrators, LEA or regional special education directors, school-based special education directors, preschool coordinators, and early intervention coordinators. Type B programs culminate in a doctoral degree or provide postdoctoral learning opportunities.

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=279587>

Fellowships

Education Pioneers

Due Date: 12/16/2015

The Education Pioneers Fellowship provides exceptional professionals with pathways into education leadership careers that solve problems outside the classroom so that teachers and students can succeed inside the classroom. The newly expanded fellowship combines several smaller programs,

includes a 10-week summer track and a long-term career track, and offers flexible start dates. The program offers applicants the opportunity to lead in high-impact roles, learn the skills and mindsets needed to become change agents in education, and connect with a diverse, national network of exceptional people united by a shared passion for transforming education.

- URL: <http://www.educationpioneers.org/what-we-do/education-pioneers-fellowship>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

D.2 Leading Edge Aeronautics Research for NASA Project (LEARN3)

National Aeronautics and Space Administration (NASA)

NASA ARMD Research Opportunities In Aeronautics (ROA)

Due Date: Step A Proposals 12/8/2015 (Step B Proposals due 30 days after notification is issued)

The LEARN Project explores the creation of novel concepts and processes with the potential to create new capabilities in aeronautics research through awards to the external community including university and industry teams. The LEARN Project incorporates a competitive review process of the external teams' proposals to develop integrated solutions for complex technical problems captured in the ARMD strategic thrusts, followed by short duration activities for feasibility assessment. Follow-on phases of the most promising ideas are also funded. LEARN also utilizes challenges and prizes to the external community. With these processes, NASA funds also help catalyze investments from the aerospace and non-aerospace communities toward solving problems aligned with NASA interests. The NASA Aeronautics Research Institute (NARI) has been established to achieve the LEARN Project's goals. NARI will complement other ARMD efforts in seeking early-stage innovative concepts applicable to a broad spectrum of aeronautical challenges in the nation's air transportation system by sponsoring research solicitations and by hosting future competitive challenges. The Institute will coordinate these efforts and communicate the outcome of the research conducted to interested parties both internal and external to NASA. ARMD's goal is to mature the new concepts in order to infuse them into current ARMD research programs, to enable new avenues of aeronautics research that are not currently supported by ARMD program and project funds, or to achieve practical application by the aeronautics community. This LEARN2 solicitation seeks proposals for innovative designs of one or more UAS that NASA can economically build and fly as test bed(s) to answer important autonomy research questions. The awardees will be required to design one or more UAS that will serve as the test bed(s) and discuss the autonomy research questions that can be answered by the vehicle(s). The reusable test bed(s)

should be designed to conduct flight test campaigns in which key enabling autonomy capabilities are demonstrated. Proposers must reference appropriate autonomy and UAS design research, best practices to be employed, or other evidence supporting their rationale for their approach, tools, or techniques. NASA does not endorse or require the use of any specific source of information, but does encourage the proposer to survey research and best practices described in peer reviewed journals and credible organizations specializing in autonomy and UAS design research.

- [URL:http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={A1D1E713-87D3-0384-85B1-5F856CA102E2}&path=open](http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={A1D1E713-87D3-0384-85B1-5F856CA102E2}&path=open)

Integrative Strategies for Understanding Neural and Cognitive Systems (NSF-NCS)

National Science Foundation (NSF)

Due Date: Letters of Intent 12/10/2015; Full Proposals 1/26/2016

The complexities of brain and behavior pose fundamental questions in many areas of science and engineering, drawing intense interest across a broad spectrum of disciplinary perspectives while eluding explanation by any one of them. Rapid advances within and across disciplines are leading to an increasingly interconnected fabric of theories, models, empirical methods and findings, and educational approaches, opening new opportunities to understand complex aspects of neural and cognitive systems through integrative multidisciplinary approaches. This program calls for innovative, integrative, boundary-crossing proposals that can best capture those opportunities. NSF seeks proposals that are bold, risky, and transcend the perspectives and approaches typical of single-discipline research efforts. This cross-directorate program is one element of NSF's broader effort directed at Understanding the Brain, a multi-year activity that includes NSF's participation in the Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative ([4]<http://www.nsf.gov/brain/>). NSF envisions a connected portfolio of transformative, integrative projects that create synergistic links across investigators and communities, yielding novel ways of tackling the challenges of understanding the brain in action and in context. In this second phase of the program, Integrative Strategies for Understanding Neural and Cognitive Systems is open to proposals to advance the foundations of one or more of the integrative research themes described below. Two of the themes are continued from FY15: Neuroengineering and Brain-Inspired Concepts and Designs, and Individuality and Variation. Two additional themes for FY16 are Cognitive and Neural Processes in Realistic, Complex Environments; and Data-Intensive Neuroscience and Cognitive Science. Within each theme, advances in theory and methods, technological innovations, educational approaches, research infrastructure, and workforce development are all of significant interest. Proposals must be consistent with the missions of the participating directorates. High-risk, high-payoff approaches are expected. Proposals must directly address risks and how they will be managed, potentially transformative payoffs, and the relationship between the risks and rewards at stake. The program will consider two classes of proposals. **INTEGRATIVE FOUNDATIONS** awards (CISE, EHR, ENG, SBE) will support projects that

develop foundational advances that are deeply connected to a broad scope of important research questions in neural and cognitive systems, and have significant potential for transformative advances in one or more of the integrative thematic areas. **CORE+ SUPPLEMENTS** (CISE, EHR, ENG) will provide additional support to new or existing projects in the participating directorates, to enable additional activities that will connect those projects to significant new integrative opportunities in neural and cognitive systems. **NSF 16-508**

- URL: <http://www.nsf.gov/pubs/2016/nsf16508/nsf16508.htm>

Manufacturing and Industrial Technologies (MITS)

Air Force Research Laboratory (AFRL)

Due Date: 1/11/2016

The objective of this effort is to obtain for the Air Force Research Laboratory's Materials and Manufacturing Directorate, Manufacturing and Industrial Technologies Division (AFRL/RXM) research and development directed towards increased knowledge and advanced state-of-the-art of manufacturing science and technology in order to bridge the gap between military manufacturing requirements and industrial capabilities. Specifically, AFRL/RXM requires the ability to: research, develop, design and prototype electronic, metallic, monolithic ceramic, composite, multifunctional, and additively manufactured materials, components and devices, and their manufacturing processes; identify manufacturing technologies which can bridge the gap between military needs and industrial capabilities; and perform R&D of new techniques, methods, and analytical tools to improve manufacturing technologies and practices. **BAA-AFRL-RQKM-2016-0005**

- URL: <https://www.fbo.gov/?tab=documents&tabmode=form&subtab=core&tabid=45fe64da45f3af058963e92f6a91a747>

Exploiting Parallelism and Scalability (XPS)

National Science Foundation (NSF)

Due Date: 1/19/2016

Computing systems have undergone a fundamental transformation from the single-core processor-devices of the turn of the century to today's ubiquitous and networked-devices with multicore/many-core processors along with warehouse-scale computing via the cloud. At the same time, semiconductor technology is facing fundamental physical limits and single-processor performance has plateaued. This means that the ability to achieve predictable performance improvements through improved processor technologies alone has ended. Thus, parallelism has become critically important. 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 achieving scalable performance and usability need new abstract models and algorithms, new programming models and languages, and new hardware architectures, compilers, 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 16-507**

- URL: <http://www.nsf.gov/pubs/2016/nsf16507/nsf16507.htm>

Mathematics Education Research Travel Grants

Association for Women in Mathematics (AWM)

Due Dates: 2/1/2016, 5/1/2016, 10/1/2016

There are a variety of reasons to encourage interaction between mathematicians and educational researchers. National reports recommend encouraging collaboration between mathematicians and researchers in education and related fields in order to improve the education of teachers and students. Communication between mathematicians and educational researchers is often poor and second-hand accounts of research in education can be misleading. Particularly relevant to the AWM is the fact that high-profile panels of mathematicians and educational researchers rarely include women mathematicians. The Mathematics Education Research Travel Grants provide full or partial support for travel and subsistence for:

- mathematicians attending a research conference in mathematics education or related field
- researchers in mathematics education (or related field) attending a mathematics conference.

(Please note that mathematics education researchers attending mathematics education research conferences are not eligible for this grant.)

- URL: <https://sites.google.com/site/awmmath/programs/travel-grants/mathematics-education-research-travel-grants>

Mathematics Travel Grants for Women Researchers

Association for Women in Mathematics (AWM)

Due Dates: 2/1/2016, 5/1/2016, 10/1/2016

Mathematics Travel Grants enable women mathematicians to attend conferences in their fields provides them a valuable opportunity to advance their research activities and their visibility in the research community. Having more women attend such meetings also increases the size of the pool from which speakers at subsequent meetings may be drawn and thus addresses the persistent problem of the absence of women speakers at some research conferences. The Mathematics Travel Grants provide full or partial support for travel and subsistence for a meeting or conference in the applicant's field of specialization.

- URL: <https://sites.google.com/site/awmmath/programs/travel-grants/mathematics-travel-grants>

Manufacturing Machines and Equipment (MME)

National Science Foundation (NSF)

Due Date: 2/15/2016, 9/15/2016

The MME program supports fundamental research that enables the development of new and/or improved manufacturing machines and equipment, and optimization of their use, with a particular focus on equipment appropriate for the manufacture of mechanical and electromechanical devices, products, and systems featuring scales from microns to meters (proposals relating to nanomanufacturing should be submitted to the CMMI NanoManufacturing program, and those relating to the manufacture of electronic devices such as IC products should be submitted to the ECCS Division). Proposals relating to a wide range of manufacturing operations are encouraged, including both subtractive and additive processes, forming, bonding/joining, and laser processing. Of particular interest are proposals that relate to the manufacture of equipment and facilities that enable the production of energy products. Competitive projects will propose hypothesis-driven research that advances the frontiers of knowledge in relevant areas. Proposals submitted to the MME program should include a clearly articulated research (not developmental) objective and a coherent plan to accomplish the stated objective. Both experimental and theoretical work are supported. **PD 16-1468**

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

HEALTH, LIFE & EARTH SCIENCES

Collaborative Aging (in Place) Research Using Technology (CART) (U2C)

National Institutes of Health (NIH) / Department of Veterans Affairs (VA)

Due Date: Letters of Intent 12/12/2015; Applications 1/12/2016

The purpose of this, Inter-Agency Funding Opportunity Announcement (FOA) is to develop and validate the infrastructure for rapid and effective conduct of future research utilizing technology to facilitate aging in place, with a special emphasis on people from underrepresented groups. This FOA is designed to support Collaborative Aging (in Place) Research Using Technology (CART) by developing and validating a research infrastructure that has the capacity to integrate data across different projects, incorporates existing technologies, and can accommodate future technologies, designed to assess and intervene across a variety of observational and clinical research studies and settings, and for a range of measures, diseases and populations. The infrastructure development will include a demonstration project, to test feasibility for operating on a larger scale. The infrastructure and demonstration project accomplished by this FOA (Phase I) will serve as the foundation for the subsequent large-scale development project for technology research to help reduce hospitalizations, emergency room visits, and admissions to a nursing home for the older population (Phase II). Phase I is designed to be both disease and technology agnostic. Successful multidisciplinary applicants with strong partnerships in engineering, computer science, health and medical research (both public and private sector) are encouraged to apply. **RFA-AG-16-021**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-16-021.html>

Primary Care Training and Enhancement Program

United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA)

Due Date: 12/16/2015

The overarching purpose of the PCTE program is to strengthen the primary care workforce by supporting enhanced training for future primary care clinicians, teachers, and researchers. In FY 2016, applicants for the PCTE program must focus on training for transforming healthcare systems, particularly enhancing the clinical training experience of trainees. Some of the characteristics identified by the Centers for Medicare and Medicaid Services (CMS) that are closely associated with transformed healthcare delivery systems include:

- Providers across the care continuum participate in integrated or virtually integrated delivery models,
- Care is coordinated across all providers and settings,
- There is a high level of patient engagement and quantifiable results on patient experience,

- Providers leverage the use of health information technology to improve quality,
- Providers perform at the top of their license and board certification,
- Population health measures are integrated into the delivery system, and
- Data is used to drive health system processes.

In addition, projects that address the social determinants of health while addressing health care delivery transformation are encouraged. **HRSA-16-042**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=279632>

2016 Small Grants

AONE Foundation for Nursing Leadership Research and Education

Due Date: 12/31/2015

The AONE Foundation's mission is to support the research and educational priorities of AONE. The current and future health care environments inform these priorities and point to the need for change. It is anticipated that research will answer inquiries from new and non-traditional perspectives. The exploration of inadequately tested situations and environments—diversity and succession planning, in majority organizations, nurse led care delivery models in evidence based partnership with patients and families, professional interdependency—are the core of a contemporary search for understanding. Nursing leadership and health systems research contribute to the body of knowledge that informs the current and future environments. AONE Foundation Research priorities are a call to action.

- URL: http://www.aone.org/aone_foundation/smallgrants.shtml

Services Research for Autism Spectrum Disorders Across the Lifespan II (ServASD II): Pilot Studies of Services Strategies for Adults With ASD (R34)

National Institutes of Health (NIH) - National Institute of Mental Health (NIMH)

Due Date: Letters of Intent 1/3/2016; Applications 2/3/2016

This Funding Opportunity Announcement (FOA) will support pilot studies to develop and test service strategies that optimize the independence and functioning of adults with autism spectrum disorders (ASD). This FOA invites preliminary studies to develop adult ASD service strategies that address enhancing social relationships, physical and mental health, and independent functioning including community housing and safety, alone or in combination. The ultimate goal of this activity is to improve functional, behavioral, and health outcomes in adults with ASD. In targeting adults, this FOA is focused on individuals who have completed transition out of services delivered via the child and adolescent service system and the primary education system. The goal of this FOA is to provide resources for

evaluating the feasibility, tolerability, acceptability and safety of novel approaches to improving outcomes, modifying health risk behavior, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale (efficacy or effectiveness) services study. This FOA is published in parallel to a companion FOA: RFA-MH-17-200, which targets services strategies to enable transition age youth to transition to the adult service system without loss of services or functioning. **RFA-MH-17-205**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-17-205.html>

Services Research for Autism Spectrum Disorder Across the Lifespan II (ServASD II): Pilot Research on Services for Transition-Age Youth (R34)

United States Department of Health and Human Services (HHS)

National Institutes of Health (NIH)

National Institute of Mental Health (NIMH)

Due Date: 1/3/2016

The purpose of this Funding Opportunity Announcement (FOA) is to support research to develop and pilot test strategies to assist transition-age youth with autism spectrum disorder (ASD) and their families or caretakers in planning for and smoothly transitioning into adult functioning and adult services. The ultimate goal is to develop models for transition to adult supports and services that effectively prevent lapses in services and supports; enhance functioning in community settings such as educational, social, familial, and other settings; maintain or improve health, safety, and quality of life; and reduce or maintain reductions in ASD-related symptoms. For the purposes of this FOA, "transition-age youth" refers to individuals with ASD who, in the coming months or years, will age out of the services and supports delivered via K-12 education and other child/adolescent service systems. This definition is intended to encompass variability in the youth-to-adult transition period and to accommodate individual differences that may influence the nature and duration of the transition process. **RFA-MH-17-200**

- URL: <https://grants.nih.gov/grants/guide/rfa-files/RFA-MH-17-200.html>

Grant-in-Aid

American Heart Association (AHA)

Due Date: 1/13/2016

The objective of this program is to encourage and adequately fund the most innovative and meritorious research projects from independent investigators. The scientific focus of the program is research broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts.

Proposals are encouraged from all basic, behavioral, epidemiological, and community and clinical investigations that bear on cardiovascular and stroke problems. The award may be completed at any accredited institution in the following affiliates:

- Founders
- Great Rivers
- Greater Southeast
- Mid-Atlantic
- Midwest
- SouthWest
- Western States

American Heart Association research awards are limited to non-profit institutions, including medical, osteopathic and dental schools, veterinary schools, schools of public health, pharmacy schools, nursing schools, universities and colleges, public and voluntary hospitals and others that can demonstrate the ability to conduct the proposed research. Applications will not be accepted for work with funding to be administered through any federal institution or work to be performed by a federal employee, except for Veterans Administrations employees. Funding is prohibited for awards at non-U.S. institutions. American Heart Association research awards are limited to non-profit institutions, including medical, osteopathic and dental schools, veterinary schools, schools of public health, pharmacy schools, nursing schools, universities and colleges, public and voluntary hospitals and others that can demonstrate the ability to conduct the proposed research. Applications will not be accepted for work with funding to be administered through any federal institution or work to be performed by a federal employee, except for Veterans Administration employees.

- URL: http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Grant-in-Aid_UCM_443304_Article.jsp#.VjoqrberRpi

Nurse Education, Practice, Quality and Retention- Interprofessional Collaborative Practice Program: Behavioral Health Integration

United States Department of Health and Human Services (HHS) - Health Resources and Services Administration (HRSA)

Due Date: 1/22/2016

The purpose of this program is to advance team-based care delivery by nurses and other health professionals that leads to high-quality, patient- and population-centered outcomes. The BHI focus aims to integrate evidence-based, interprofessional, team-based models of behavioral health services into routine nurse-led primary care, to include Nurse-Managed Health Centers. **HRSA-16-068**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=279684>

Student Wellness Programs

American College Health Foundation

Due Date: 1/31/2016

The [American College Health Foundation](#) is accepting applications for the Aetna Student Health Award, which supports programs that address the retention and overall well-being of college students. The project should be creative in scope, formulated on the basis of published research, measurable in its effects, 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 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 focused on appropriate utilization of wellness services to improve health status; generate strategies to support continued use/access of wellness activities and services; and measure wellness activities as a means of increasing student retention or decreasing student dropout rates. One grant of \$5,000 will be awarded. 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.

- URL: http://www.acha.org/ACHA/Foundation/Aetna_Award.aspx

Doctoral Research Award

The Sigma Theta Tau International / National League for Nursing

Due Date: 2/25/2016

The National League for Nursing and [Sigma Theta Tau International \(STTI\)](#) grant supports research that advances the science of nursing education. The grant will be used to advance the science of nursing education **through the use of technology in the dissemination of knowledge**. This is an **annual award of \$5000 to one nurse researcher or doctoral dissertation student** to support the use of technology in nursing education research. The recipient will also receive a one-year membership from the NLN. Applicants for this award must **hold a master's or doctoral degree** or be **enrolled in a doctoral nursing program** (DNP, DNS, EdD, or PhD); must be a registered nurse with current license; preference will be given to STTI and/or NLN members. Proposed studies must be clearly **focused on advancing the science of nursing education through the use of technology in the dissemination of knowledge** and must relate to one or more of the [NLN Priorities for Research in Nursing Education](#).

- URL: <http://www.nln.org/professional-development-programs/grants-and-scholarships/nursing-education-research-grants/the-sigma-theta-tau-international-national-league-for-nursing-grant>

Nursing Education Research Grants

National League for Nursing

Due Date: 2/25/2016

The NLN's research grants program supports high-quality studies that contribute to the development of the science of nursing education. The NLN-funded grants promote diversity of research topics and support investigators who demonstrate rigor and innovative approaches to advance the field of nursing education research. NLN research priorities include leading reform in nursing education, advancing the science of nursing education, and developing national and international leaders in nursing education.

- **URL:** <http://www.nln.org/professional-development-programs/grants-and-scholarships/nursing-education-research-grants/nlngrants.htm>

NEW FACULTY/INVESTIGATOR

Pearson Early Career Grant

American Psychological Foundation (APF)

Due Date: 12/31/2015

The Pearson Early Career Grant encourages early career clinicians to work in an area of critical societal need. Pearson partnered with APF to ensure psychology addresses critical needs in society. The program's goals are to support psychology's efforts to improve areas of critical need in society, including but not limited to innovative scientifically based clinical work with serious mental illness, serious emotional disturbance, incarcerated or homeless individuals, children with serious emotional disturbance (SED) and adults with serious mental illness (SMI); and to encourage early career psychologists to devote their careers to under-served populations.

Applicants should be:

- Psychologists with an EdD, PsyD or PhD from an accredited university.
- No more than ten years postdoctoral.

- **URL:** <http://www.apa.org/apf/funding/pearson.aspx>

Midwest Nursing Research Society / NLN Doctoral Research Award

National League for Nursing

Due Date: 2/25/2016

The [Midwest Nursing Research Society \(MNRS\)](#) and the National League for Nursing have each identified a mutual interest in promoting research conducted by **doctoral students or junior faculty** and have agreed to offer a joint award focused on the following goals:

- To increase the quality and quantity of research or doctoral dissertations/capstone projects focused on nursing education,
- To advance the science of nursing education, and
- To increase awareness of support for nursing education research by the MNRS and the NLN.

Proposed studies must be clearly focused on nursing education research and must relate to one or more of the [NLN Priorities for Research in Nursing Education](#). **Each organization offers a \$2,500 award annually** to one doctoral student or junior faculty to support nursing education research or doctoral research focused on nursing education. Applicants for this award **must be current members of MNRS** (student or regular) and **must be enrolled in a doctoral nursing program** (DNP, DNS, EdD, or PhD) in the Midwest region or **must have completed the terminal degree no more than five years prior** to applying for the grant.

- **URL:** <http://www.nln.org/professional-development-programs/grants-and-scholarships/nursing-education-research-grants/midwest-nursing-research-society-nln-doctoral-dissertation-award>

SOCIAL & BEHAVIORAL SCIENCES

Aging Research on Stress and Resilience to Address Health Disparities in the United States (R01)

National Institutes of Health; National Institute on Aging (NIA)

Due Dates: Letters of Intent 12/13/2015; Applications 1/13/2016

The purpose of this Funding Opportunity Announcement (FOA) is to stimulate interdisciplinary health-disparities research related to aging that considers the role that stress, stress response, and stress resilience play in differential health outcomes in priority health disparity populations in the U.S. In particular, this FOA seeks applications proposing to clarify pathways linking stress and aging-relevant

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health outcomes (e.g. mortality, cognitive impairment, multiple chronic conditions, disability, quality of life) through the investigation of links between environmental, sociocultural, behavioral, and biological factors. **RFA-AG-16-022**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-AG-16-022.html>

Research Grants

William T. Grant Foundation

Due Dates: Letters of Inquiry 1/6/2016, 5/5/2016, 8/4/2016

We are focused on youth ages 5 to 25 in the United States. We fund research that increases our understanding of:

- programs, policies, and practices that reduce inequality in youth outcomes; and
- the use of research evidence in policy and practice.

We seek research that builds stronger theory and empirical evidence in these two areas. We intend for the research we support to inform change. While we do not expect that any one study will create that change, the research should contribute to a body of useful knowledge to improve the lives of young people.

- URL: <http://wtgrantfoundation.org/Grants#apply-research-grants>

Jacquelin Goldman Congressional Fellowship

American Psychological Association (APA)

Due Date: 1/8/2016

To provide developmental and clinical psychologists with an interest in policies that affect the psychological development of children with an invaluable public policy learning experience; to contribute to the more effective use of psychological knowledge in government; and to broaden awareness about the value of psychology-government interaction among psychologists and within the federal government. Through a generous bequest to the [American Psychological Foundation](#) from Jacquelin Goldman, PhD, APA administers this APF-funded program for a congressional fellow with an interest in policies that affect the psychological development of children. Applicants for this fellowship must have a background in developmental or clinical psychology and experience working directly with children. Fellowship activities may involve drafting legislation, conducting oversight work, assisting with congressional hearings and events, and preparing briefs and speeches. Fellows also attend a two-week orientation program on congressional and executive branch operations, which provides guidance for the congressional placement process, and participate in a yearlong seminar series on science and

public policy issues. The American Association for the Advancement of Science (AAAS) administers these professional development activities for the APA fellows and for fellows sponsored by over two dozen other professional societies. APF will sponsor up to one Jacquelin Goldman Congressional Fellow for a one-year appointment beginning Sept. 1, 2016. The Fellowship stipend ranges from \$75,000 to \$90,000, depending upon years of post-doctoral experience. In addition, the Fellowship provides reimbursement for health insurance coverage and a \$3,750 stipend for professional development and relocation expenses during the fellowship year. Final selection of Fellows will be made in early spring of 2016.

- URL: <http://www.apa.org/about/awards/goldman-fellow.aspx?tab=1>

Social Psychology

National Science Foundation (NSF)

Due Date: 1/15/2016, 7/15/2016

The Social Psychology Program at NSF supports basic research on human social behavior, including cultural differences and development over the life span. Among the many research topics supported are: attitude formation and change, social cognition, personality processes, interpersonal relations and group processes, the self, emotion, social comparison and social influence, and the psychophysiological and neurophysiological bases of social behavior. The scientific merit of a proposal depends on four important factors: (1) The problems investigated must be theoretically grounded. (2) The research should be based on empirical observation or be subject to empirical validation. (3) The research design must be appropriate to the questions asked. (4) The proposed research must advance basic understanding of social behavior. **PD 98-1332**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712&WT.mc_id=USNSF_39∓WT.mc_ev=click

Grants

Horowitz Foundation for Social Policy

Due Date: 1/31/2016

The Foundation was established in 1997 by Irving Louis Horowitz and Mary E. Curtis to support the advancement of research and understanding in the major areas of the social sciences, including anthropology, area studies, economics, political science, psychology, sociology, and urban studies, as well as newer areas such as evaluation research. Preference is given to projects that address contemporary issues in the social sciences and issues of policy relevance. Candidates may propose new projects or they may solicit support for research in progress, including final work on a dissertation,

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supplementing research funds for a work in progress, or travel funds. Criteria for completion include approval of the dissertation, acceptance of an article based on the research by a peer-reviewed journal, or an invitation to write a book chapter based on the research. **The following categories of proposals are given priority in determining recipients:**

1. Proposals that address large-scale geographical situations, and those with policy applications beyond the research design itself.
 2. Proposals that rely on empirically informed, large sample sizes, often in historically rich time series, that make few presumptions of application.
 3. Proposals that are theoretically rich and emphasize policy issues of broad meaning to the larger public sphere.
 4. Proposals in areas where few previous research applications are currently available.
- These are guidelines, not mandates, and are not listed in order of importance. Each proposal will be evaluated solely on its own merit by the Board.

- URL: <http://www.horowitz-foundation.org/grant-info/>

STUDENTS

NSF Earth Sciences Postdoctoral Fellowships (EAR-PF)

National Science Foundation (NSF)

Due Date: 1/12/2016

The Division of Earth Sciences (EAR) awards Postdoctoral Fellowships to recent recipients of doctoral degrees to carry out an integrated program of independent research and education. The research and education plans of each fellowship must address scientific questions within the scope of EAR disciplines. The program supports researchers for a period of up to two years with fellowships that can be taken to the institution of their choice (including facilities abroad). The program is intended to recognize beginning investigators of significant potential, and provide them with research experience, mentorship, and training that will establish them in leadership positions in the Earth Sciences community. Because the fellowships are offered only to postdoctoral scientists early in their career, doctoral advisors are encouraged to discuss the availability of EAR postdoctoral fellowships with their graduate students early in their doctoral programs. Fellowships are awards to individuals, not institutions, and are administered by the Fellows. **NSF 15-568**

- URL: http://www.nsf.gov/pubs/2015/nsf15568/nsf15568.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

E-Team Programs

VentureWell (formerly NCIIA)

Due Date: 1/27/2016

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/>