



Funding Bulletin

February 27th, 2015 (Vol. 2, No. 11)

Funding Information

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

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

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

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

[LIMITED SUBMISSIONS](#)

[INTERNAL OPPORTUNITIES](#)

[GENERAL](#)

[ARTS & HUMANITIES](#)

[BUSINESS](#)

[EDUCATION](#)

[ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES](#)

[HEALTH, LIFE & EARTH SCIENCES](#)

[SOCIAL & BEHAVIORAL SCIENCES](#)

[STUDENTS](#)

How to Apply

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

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



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

Upcoming Events

Spring 2015 RTT Workshop Series

WORKSHOP TITLE	PRESENTER	DATE	TIME	ROOM	DESCRIPTION
NIH Meet the Experts: Webinar on SBIR/STTR	Fran Cook , Contract/Grant Development Specialist Becky Hundley , Intellectual Property & Contracts for WSU Ventures	March 3, 2015	1:30 – 3:30 pm	142 Harvest Room	NIH webinar – NIH funding mechanisms, specifically Small Business Technology Transfer and Small Business Innovative Research – How Can I apply for one?
NIH Meet the Experts: Webinar on R01, R15	Fran Cook , Contract/Grant Development Specialist	March 17, 2015	1:30 – 3:30 pm	142 Harvest Room	NIH webinar – NIH funding mechanisms, specifically R01 and R15
Technology Transfer & Intellectual Property: <i>WSU Ventures</i>	Becky Hundley , Intellectual Property & Contracts for WSU Ventures	April 9, 2015	1:30 – 3:00 pm	266 Pike	Everyone has intellectual property – what do I own, what does the University own, how can I protect it?

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

LIMITED SUBMISSIONS

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

(1) National Science Foundation Research Traineeship (NRT) Program

National Science Foundation (NSF)

Due Date: Internal 3/13/2015; Optional Letters of Intent 3/25/2015; Full Proposals 5/6/2015

The NSF Research Traineeship (NRT) program is designed to encourage the development and implementation of bold, new, potentially transformative, and scalable models for STEM graduate education training. The NRT program seeks proposals that ensure that graduate students in research-based master's and doctoral degree programs develop the skills, knowledge, and competencies needed to pursue a range of STEM careers. The NRT program includes **two tracks**: the **Traineeship Track** and the **Innovations in Graduate Education (IGE) Track**. The **Traineeship Track** is dedicated to effective training of STEM graduate students in high priority interdisciplinary research areas, through the use of a comprehensive traineeship model that is innovative, evidence-based, aligned with changing workforce and research needs, and scalable. For this solicitation the Traineeship Track has one priority interdisciplinary research theme — Data-Enabled Science and Engineering (DESE); proposals are encouraged also on any non-DESE interdisciplinary research theme that is a national priority. The **IGE Track** is dedicated solely to piloting, testing, and evaluating novel, innovative, and potentially transformative approaches to graduate education, both disciplinary and interdisciplinary, to generate the knowledge required for their customization, implementation, and broader adoption. Whereas the Traineeship Track promotes building on the current knowledge base to more effectively train STEM graduate students, the IGE Track supports test-bed projects with high potential to enrich, improve, and extend the knowledge base with attention to transferability and innovation. For both tracks, strategic collaborations with the private sector, non-governmental organizations (NGOs), government agencies, national laboratories, field stations, teaching and learning centers, museums, and academic partners are encouraged. **NSF 15-542 Each institution may submit two Traineeship Track proposals and one Innovations in Graduate Education Track proposals.**

(Additional Due Date: LOI 12/22/2015, Full Proposals 2/22/2016)

- **URL:**http://www.nsf.gov/pubs/2015/nsf15542/nsf15542.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

INTERNAL OPPORTUNITIES

Flossie E. West Foundation Award

Wichita State University

Due Date: 3/6/2015

Applications for the Flossie E. West Foundation Award are due to the Office of Research and Technology Transfer by March 6th at 5:00p.m. The award provides support for research relating to the study and cure of cancer. Awards are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries (grant period May 1, 2015 – April 30, 2016). Funds are restricted to WSU faculty project expenses; all WSU faculty members with research interests in the study of cancer are eligible. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

GENERAL

Young Faculty Award (YFA)

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

Due Date: 4/9/2015

The DARPA Young Faculty Award (YFA) program aims to identify and engage rising stars in junior faculty positions in academia and equivalent positions at non-profit research institutions and expose them to Department of Defense (DoD) and National Security challenges and needs. In particular, YFA will provide high-impact funding to elite researchers early in their careers to develop innovative new research directions in the context of enabling transformative DoD capabilities. The long-term goal of the program is to develop the next generation of scientists and engineers in the research community who will focus a significant portion of their future careers on DoD and National Security issues. This RA solicits ground-breaking single investigator proposals for research and development in specific technical areas of interest within Physical Sciences, Engineering, Materials, Mathematics, Biology, Computing, Informatics, and Manufacturing of interest to DARPA's Defense Sciences Office (DSO) and Microsystems Technology Office (MTO). **Participation is limited to untenured Assistant or Associate Professors within 5 years of appointment to a tenure-track position at a U.S. institution of higher**

education or equivalent at a non-profit science and technology research institution. Previous YFA recipients are not eligible to apply to this or any future YFA program. Applicants are limited to a maximum of three (3) applications to the DARPA YFA program during their term of eligibility. DARPA-RA-15-23

- URL: http://www.darpa.mil/Opportunities/Universities/Young_Faculty.aspx

NIST Standards Services Curricula Development

National Institute of Standards and Technology (NIST)

Due Date: 4/13/2015

The NIST SSCD Cooperative Agreement Program provides financial assistance to support curriculum development for the undergraduate and/or graduate level. These cooperative agreements support the integration of standards and standardization information and content into seminars, courses, and learning resources. The recipients will work with NIST to strengthen education and learning about standards and standardization. Funds can be used for the design, testing, and evaluation of specific innovations in teaching methods, curricula, course content and materials, courses or course modules, class assignments, and/or student projects. Funds can also help cover the cost of students who assist instructors in revising a course or course module, travel and related expenses for guest lecturers, or other costs entailed with the integration of standards and standardization into the academic studies program. Standards curriculum activities in any area that supports science, technology, engineering, and math (STEM) and/or other related disciplines such as law, public policy, business, and/or multi-disciplinary approaches will be considered. Activities involving the evaluation of the viability, necessity, or usefulness of a project are not within the scope of the NIST SSCD Cooperative Agreement Program and will not be funded. **2015-NIST-SSCD-01**

- URL: <http://www.grants.gov/view-opportunity.html?oppld=273988>

STEM + Computing Partnerships (STEM+C)

National Science Foundation (NSF)

Due Date: 4/14/2015

The STEM+C Partnerships program seeks to significantly enhance the learning and teaching of science, technology, engineering, mathematics (STEM), and computing by K-12 students and teachers, through research on, and development of, courses, curriculum, course materials, pedagogies, instructional strategies, or models that innovatively integrate computing into one or more STEM disciplines, or integrate STEM content into the teaching and learning of computing. In addition, STEM+C seeks to build capacity in K-12 computing education with foundational research

and focused teacher preparation. Projects in the STEM+C Partnerships program should build on research in STEM education and prior research and development efforts that provide theoretical and empirical justification for proposed projects. Pre-service and in-service teachers who participate in STEM+C projects are expected to enhance their understanding and teaching of STEM and computing content, practices, and skills. STEM+C invites creative and innovative proposals that address emerging challenges in the learning and teaching of STEM and computing. The program offers proposers two tracks: (1) Integration of Computing in STEM Education and (2) Computing Education Knowledge and Capacity Building. The second track is discipline-specific and may be expanded to include additional disciplines in future releases of the solicitation. **NSF 15-537**

- **URL:** http://www.nsf.gov/pubs/2015/nsf15537/nsf15537.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Faculty Research Awards

Google

Due Date: 4/15/2015

Google is committed to developing new technologies to help users find and use information. As part of that vision, the Research Awards program aims to identify and support world-class, full-time faculty pursuing research in areas of mutual interest. The intent of the Awards is to support cutting-edge research in Computer Science, Engineering, and related fields (awards tend to fund projects that are highly technical in nature). Through the program, the company tries to fund projects where collaboration with the company will be especially valuable to the research team. The program is designed to support work whose output will be made available to the public and to the research community. Applicants are asked to categorize their proposals into one of the following broad research areas of interest to the company: - Economics and market algorithms - Geo/maps - Human-computer interaction - Information retrieval, extraction, and organization - Machine learning and data mining - Machine perception - Machine translation - Mobile - Natural language processing - Networking Policy and standards - Privacy - Security - Social networks - Software engineering - Speech - Structured data and database management - Systems (hardware and software) Each funded project will be assigned a company sponsor. The role of the sponsor is to support the project by discussing research directions, engaging with professors and students, and overseeing collaboration between the project team and the company. The company encourages Awards recipients to visit to give talks related to their work and meet with relevant research groups.

- **URL:** http://research.google.com/university/relations/research_awards.html

ARTS & HUMANITIES

Grants & Fellowships

Hagley Museum & Library

Due Date: 3/31/2015, 6/30/2015, 10/31/2015

The Center for the History of Business, Technology, and Society organizes scholarly conferences, research seminars, and administers research grants for the Hagley Library. With its focus on advanced study, the Center fosters a community of scholars that includes Hagley staff, faculty and graduate students, museum professionals, research fellows and associates, and visiting scholars from around the world. Its efforts are designed to bring attention to Hagley's research collections and to generate intellectual dialogue at Hagley. The Center offers [grants](#) that cover costs associated with traveling to use Hagley's research collection. Application deadlines are March 31, June 30, and October 31, and between twenty-five and thirty grants are awarded each year. The Center also awards one-semester [dissertation fellowships](#), with a November 15 application deadline, for graduate students whose research includes Hagley's collections.

- URL: <http://www.hagley.org/library-grants>

Research Grants

Truman Library Institute

Due Date: 4/1/2015, 10/1/2015

Research Grants of up to \$2,500 are awarded twice annually to offset the cost of conducting research at the Harry S. Truman Library and Museum. Funding is calculated on the following basis: 1) \$75 for any night spent in Independence, Missouri to cover lodging and meals; 2) airfare based on the best advance-coach fare available; 3) \$100 allowance for photocopying (ground transportation, including rental car fees, will not be reimbursed). The spring round of Research Grants includes one John K. Hulston Scholarship of up to \$2,500, to be awarded to a researcher who wishes to visit multiple research facilities – including the Truman Library – for their topic. Applicants should indicate their interest in the Hulston Scholarship when submitting their Research Grant applications and include a detailed project budget outlining additional repositories to be consulted and how materials at those repositories fit into the larger project.

- URL: <http://trumanlibraryinstitute.org/research-grants/research-grants/>



Challenge America

National Endowment for the Arts (NEA)

Due Date: 4/16/2015

The Challenge America category offers support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations -- those whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Age alone (e.g., youth, seniors) does not qualify a group as underserved; at least one of the underserved characteristics noted above also must be present. Grants are available for professional arts programming and for projects that emphasize the potential of the arts in community development. This category encourages and supports the following two objectives:

- **Engagement:** Engaging the public with diverse and excellent art.
- **Livability:** The strengthening of communities through the arts.

You will be asked to select the objective that is most relevant to your project. When making selections, you should identify the objective(s) that reflect the results expected to be achieved by your project. If you receive a grant, you also will be asked to provide evidence of those results.

Challenge America grants:

- Extend the reach of the arts to underserved populations.
- Are limited to the specific types of projects outlined below.
- Are for a fixed amount of \$10,000 and require a minimum \$10,000 match.

Partnerships can be valuable to the success of these projects. While not required, applicants are encouraged to consider partnerships among organizations, both in and outside of the arts, as appropriate to their project.

Challenge America webinar scheduled for 3/11/2015 – <http://arts.gov/event/2015/challenge-america-guidelines-webinar>

- **URL:** <http://arts.gov/grants-organizations/challenge-america/grant-program-description>

Language Legacies Grant Program

The Endangered Language Fund

Due Date: 4/20/2015

The [Endangered Language Fund](#) was founded in 1996 with the goal of supporting language preservation and documentation projects. To that end, ELF provides grants for language maintenance and linguistic fieldwork related to languages in danger of disappearing within a generation or two.

Priority is given to projects that serve both the native community and the field of linguistics. In addition, work that has immediate applicability to one group and more distant application to the other [e1] will also be considered. Publishing subventions are a low priority, although they will be considered.

- URL: <http://www.endangeredlanguagefund.org/request.php>

Humanities Grants

Kansas Humanities Council (KHC)

Due Date: Project Drafts 4/22/2015 (Summer), 8/26/2015 (Fall); Final Applications 5/20/2015 (Summer), 9/30/2015 (Fall)

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/>

BUSINESS

Research Report Stipend

IBM Center for the Business of Government

Due Date: 4/1/2015, 10/1/2015

The aim of the program is to use rigorous public management research and analytic techniques to help public sector executives and managers improve the effectiveness of government. It is looking for very practical findings and actionable recommendations to assist executives and managers to more



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

effectively respond to mission and management challenges. Individuals receiving a stipend should produce a 10,000- to 12,000-word report written for government leaders and public managers, providing very practical knowledge and insight. Reports should address the following six public management topics: 1) Fostering Innovation and Transformation, 2) Aligning Mission Support with Mission Delivery, 3) Developing Cost Savings Strategies To Improve Efficiency and Effectiveness, 4) Making the Best Use of Performance and Results Management, 5) Managing Risk, and 6) Developing New Models of Public Leadership Within and Across Agencies. The center also welcomes interesting and timely practical research and actionable recommendations in other current and emerging areas of importance for government, such as acquisition, supply chain, social media, human capital and workforce development, financial management, information technology, healthcare reform implementation, and sustainability. In addition to targeting executives and managers in the US federal government, reports are also welcome which deal with state or international government affairs.

- URL: <http://www.businessofgovernment.org/content/research-stipends>

EDUCATION

Applications for New Awards; Arts in Education National Program

U.S. Department of Education (ED)

Due Date: Notices of Intent 3/12/2015; Applications 4/13/2015

The AENP supports national-level, high-quality Arts 1 education activities and services for children and youth, with special emphasis on serving Children from Low-income Families and Children with Disabilities.

- URL: <http://www.gpo.gov/fdsys/pkg/FR-2015-02-10/pdf/2015-02596.pdf>

Strengthening Secondary Education

Arthur Vining Davis Foundation

Due Dates: 4/1/2015, 11/1/2015

A key philanthropic goal of the secondary education program is to fund initiatives with the capacity for expansion or replication to the state, regional or national levels. Requests should target professional development of high school teachers and offer best-in-class training to address a significant issue(s) facing teachers. Efforts to assist either in-service teachers or new teacher preparation are welcome. Encouraging the use of technology to promote improved teaching and

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact funding@wichita.edu.

outreach efforts to connect colleges and universities with school districts are invited. Curricular improvement should be aligned with relevant standards and include both content and pedagogy. Requests to support well-established programs should have the potential to improve quality significantly.

- URL: <http://www.avdf.org/FoundationPrograms/SecondaryEducation.aspx>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Communicating with Computers (CwC)

Defense Advanced Research Projects Agency (DARPA) – Information Innovation Office (I2O)

Due Date: Abstracts 3/6/2015; Proposals 4/9/2015

DARPA is soliciting innovative research proposals in the area of natural communication with computers. This program is a 6.1 basic research effort that aims to accelerate progress toward two-way communication between people and computers in which the machine is more than merely a receiver of commands and in which a full range of natural modes is tapped, including potentially language, gesture and facial or other expressions. 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-15-18

- URL: <https://www.fbo.gov/index?s=opportunity&mode=form&id=0bff9805f9a9709e836e9223d378ca97&tab=core&cvview=0>

Partnerships for Innovation: Accelerating Innovation Research - Technology Translation (PFI: AIR-TT)

National Science Foundation (NSF)

Due Date: Letters of Intent 3/13/2015; Full Proposals 4/14/2015

The NSF Partnerships for Innovation (PFI) program within the Division of Industrial Innovation and Partnerships (IIP) is an umbrella for two complementary subprograms, Accelerating Innovation Research (AIR) and Building Innovation Capacity (BIC). Overall, the PFI program offers opportunities to connect new knowledge to societal benefit through translational research efforts and/or partnerships that encourage, enhance and accelerate innovation and entrepreneurship. The subject of this solicitation is PFI: AIR-Technology Translation (PFI: AIR-TT). The PFI: AIR-TT solicitation serves



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

as an early opportunity to move previously NSF-funded research results with promising commercial potential along the path toward commercialization. Projects are supported to demonstrate proof-of-concept, prototype, or scale-up while engaging faculty and students in entrepreneurial/innovative thinking. **NSF 14-569**

- URL: <http://www.nsf.gov/pubs/2014/nsf14569/nsf14569.htm>

Broadening Participation in Engineering (BPE)

National Science Foundation (NSF)

Due Date: 4/10/2015

The Broadening Participation in Engineering (BPE) Program is a Directorate-wide initiative dedicated to supporting the development of a diverse and well-prepared workforce of engineering graduates. The Broadening Participation in Engineering Program supports projects to engage and develop diverse teams that can offer unique perspectives and insights to challenges associated with increasing diversity in engineering research and education. In FY 2015, the Broadening Participation in Engineering program is supporting research on issues associated with diversity within the engineering professoriate, with a particular interest in funding proposals focusing on underrepresented racial and ethnic minorities. The Broadening Participation in Engineering program is interested in reviewing projects that will address how to achieve significant increases in the participation and professional success, leading to improved retention of under-represented ethnic/racial minorities within the ranks of our engineering faculties. Of particular interest are projects that increase our understanding of the inherent challenges faced by members of underrepresented ethnic and racial groups in the attainment of engineering doctoral degrees and achieving success as an early career engineering faculty member. **PD 14-7680**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504870&org=NSF&sel_org=ENG&form=fund

Professional Formation of Engineers (PFE:RIEF) Research Initiation in Engineering Formation

National Science Foundation (NSF)

Due Date: 4/30/2015, 3/31/2016

The NSF Engineering (ENG) Directorate has launched a multi-year initiative, the *Professional Formation of Engineers*, to create and support an innovative and inclusive engineering profession for the 21st Century. Professional Formation of Engineers (PFE) refers to the formal and informal processes and value systems by which people become engineers. It also includes the ethical responsibility of practicing engineers to sustain and grow the profession. The engineering profession

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact funding@wichita.edu.

must be responsive to national priorities, grand challenges, and dynamic workforce needs; it must be equally open and accessible to all. Engineering faculty possess both deep technical expertise in their engineering discipline *and* the primary responsibility for the process of professional formation of future engineers. As such, engineering faculty are in a unique position to help address critical challenges in engineering formation. The Professional Formation of Engineers: Research Initiation in Engineering Formation (PFE: RIEF) program enables engineering faculty who are renowned for teaching, mentoring, or leading educational reform efforts on their campus to initiate collaborations with colleagues in the social and/or learning sciences to address difficult, boundary-spanning problems in the professional formation of engineers. Professional Formation includes, but is not limited, to:

- Introductions to the profession at any age;
- Acquisition of deep technical and professional skills, knowledge, and abilities in both formal and informal settings/domains;
- Development of outlooks, perspectives, ways of thinking, knowing, and doing;
- Development of identity as an engineer and its intersection with other identities; and
- Acculturation to the profession, its standards, and norms.

The PFE: RIEF program is designed to expand the community of engineering faculty equipped to conduct research in professional formation of engineers. At least *one* (co) PI must be a member of an engineering department AND not have received engineering education or professional formation funding through EEC in the last three years. Submissions from senior faculty and faculty who have recently received tenure and are exploring alternative career paths are especially encouraged. The program is *not* intended to create an additional funding channel for established engineering education researchers; such researchers should apply to the *Research in Engineering Education* program (see program description found on EEC's web site), or other related NSF opportunities. **NSF 15-539**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15539/nsf15539.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

HEALTH, LIFE & EARTH SCIENCES

Innovative Life Science Research

Human Frontier Science Program

Due Date: Registration 3/19/2015; Letters of Intent 3/31/2015

The [Human Frontier Science Program](#), which supports international collaborations in basic life science research, is inviting applications for grants to support innovative approaches to understanding the complex mechanisms of living organisms. HFSP offers two areas of funding — Program grants and Young Investigator grants. Program grants are designed for teams of independent scientists at all stages of their careers, while Young Investigator grants are for teams of scientists who are within five years of establishing an independent laboratory and within ten years of obtaining their Ph.Ds. Both provide three years of support for two- to four-member teams, with not more than one member from any one country (unless necessary for the innovative nature of the project). Applicants are expected to develop novel lines of research distinct from their ongoing research.

- URL: <http://www.hfsp.org/funding/research-grants/information-and-guidelines>

Research Grants

Organization for Autism Research

Due Date: Pre-Proposals 3/30/2015

The [Organization for Autism Research](#) is seeking pre-proposals for its 2015 Applied Research Competition. The annual program aims to promote innovative research that directly supports the autism community by expanding the body of knowledge related to autism intervention and treatment, producing practical and objective results, and providing outcomes that enhance the quality of life for persons with autism and their families. In 2015, OAR will award up to eight grants of up to \$30,000. Studies can range from one to two years. Pre-proposals must be received no later than March 30, 2015. Upon review, selected applicants will be invited to submit full proposals.

- URL: <http://www.researchautism.org/professionals/grants/index.asp>

IOM Nurse Scholar-in-Residence Award

American Academy of Nursing

Due Date: 4/1/2015

The [American Academy of Nursing](#), in partnership with the [American Nurses Foundation](#), the [American Nurses Association](#), and the [Institute of Medicine](#), is inviting applications for its

Distinguished Institute of Medicine Nurse Scholar-in-Residence program, a year-long residential leadership opportunity in health policy in Washington, D.C. The residency is designed as an immersion experience for nurse leaders interested in a prominent role in health policy development at the national level. The scholar-in-residence must complete a self-initiated study with policy consequences that builds on a current IOM initiative and includes direct interaction with academy, ANA, and ANF staff and volunteers. The residency includes a grant of \$90,000; \$5,000 for related expenses; an office at IOM with appropriate technology support (e.g., computer, phone, access to a printer, access to software programs and library resources); and an intensive two-month orientation in federal health policy formation coordinated by IOM. To be eligible, nurse scholars and nurse policy experts must be a current member of the academy, with preference given to those who are also members of IOM. In addition, applicants' must have the personal potential to make future contributions to health policy; a commitment to interdisciplinary collaboration; a notable record of professional achievement; and an understanding of the importance of networking within the health policy community, identifying opportunities for nurse-leader engagement, and communication of those interactions and opportunities to sponsors.

- URL: <http://www.aannet.org/menu-iom>

Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science (R43/R44 SBIR)

Department of Health & Human Services (HHS) - National Institutes of Health (NIH)

Due Date: 4/5/2015, 8/5/2015

This funding opportunity announcement (FOA) encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that propose development of a broad base of innovative technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine to research in all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. **PA-14-154**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-154.html>



Early Stage Development of Technologies in Biomedical Computing, Informatics, and Big Data Science (R41/R42 STTR)

Department of Health & Human Services (HHS) - National Institutes of Health (NIH)

Due Date: 4/5/2015, 8/5/2015

This funding opportunity announcement (FOA) encourages Small Business Innovation Research (SBIR) grant applications from small business concerns (SBCs) that propose development of a broad base of innovative technologies in biomedical computing, informatics, and Big Data Science that will support rapid progress in areas of scientific opportunity in biomedical research. It is expected that this research and development is conducted in the context of important biomedical and behavioral research problems. As such, applications are intended to develop enabling technologies that could apply to the interests of most NIH Institutes and Centers and range from basic biomedicine to research in all relevant organ systems and diseases. Major themes of research include collaborative environments; data integration; analysis and modeling methodologies; and novel computer science and statistical approaches. New opportunities are also emerging as large and complex data sets are becoming increasingly available to the research community. **PA-14-157**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-157.html>

PHS 2014-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])

National Institutes of Health (NIH)

Due Date: 4/5/2015, 8/5/2015

This Funding Opportunity Announcement (FOA) issued by the National Institutes of Health (NIH), the Centers for Disease Control and Prevention (CDC), the Food and Drug Administration (FDA) and the Administration for Children and Families (ACF) invites eligible United States small business concerns (SBCs) to submit Small Business Innovation Research (SBIR) grant applications. United States SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH, CDC, FDA or ACF awarding components identified in this FOA are encouraged to submit SBIR grant applications. **PA-14-071**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-071.html>

**PHS 2014-02 Omnibus Solicitation of the NIH, CDC, FDA and ACF for Small Business
Technology Transfer Grant Applications (Parent STTR [R41/R42])**

National Institutes of Health (NIH)

Due Date: 4/5/2015, 8/5/2015

This Funding Opportunity Announcement (FOA) issued by the National Institutes of Health (NIH) invites eligible United States small business concerns (SBCs) to submit Small Business Technology Transfer (STTR) grant applications. United States SBCs that have the research capabilities and technological expertise to contribute to the R&D mission(s) of the NIH awarding components identified in this FOA are encouraged to submit STTR grant applications. **PA-14-072**

- **URL:** <http://grants.nih.gov/grants/guide/pa-files/PA-14-072.html>

Dimensions of Biodiversity FY2015

National Science Foundation (NSF)

Due Date: 4/9/2015

Despite centuries of discovery, most of our planet's biodiversity remains unknown. The scale of the unknown diversity on Earth is especially troubling given the rapid and permanent loss of biodiversity across the globe. The goal of the Dimensions of Biodiversity campaign is to transform, by 2020, how we describe and understand the scope and role of life on Earth. This campaign promotes novel integrative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and focuses on the intersection of genetic, phylogenetic, and functional dimensions of biodiversity. Successful proposals must integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core programs in BIO and GEO, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in novel ways, to understand their synergistic roles in critical ecological and evolutionary processes. The Dimensions of Biodiversity program again includes partnerships with the National Natural Science Foundation of China (NSFC) and São Paulo Research Foundation (FAPESP) of Brazil in fiscal year 2015. Investigators wishing to inquire about the suitability of potential projects for Dimensions of Biodiversity are encouraged to email a brief summary and contact information to Dimensions@nsf.gov. **NSF 15-533**

- **URL:** http://www.nsf.gov/pubs/2015/nsf15533/nsf15533.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Pfizer Young Investigator Award in Vaccine Development

Infectious Diseases Society of America (IDSA)

Due Date: 4/9/2015

This annual award provides funding for outstanding research in vaccine development, either through clinical or laboratory investigation. The candidate must have a demonstrated commitment to vaccinology as a career, and must be conducting research or working in a recognized and accredited U.S. institution of higher learning or in a government agency.

- URL: http://www.idsociety.org/IDSA_ERF/NFID_Joint_Research_Awards/

Core Awards – Development Awards: Junior Faculty Development Award

American Diabetes Association (ADA)

Due Date: 4/15/2015

Junior Faculty Development Awards support early investigators establishing their independence as diabetes researchers. The award provides salary and research project support for up to four years, to enable the investigator to develop an independent and sustainable research program. Junior Faculty Development Awards can be used to support basic, clinical or translational research projects. At the time of application, Junior Faculty Development Award applicants must hold an independent faculty position up to and including Assistant Professor (tenure-track or the equivalent) and have no more than 10 years of research experience following receipt of their terminal degree.

- URL: http://professional.diabetes.org/Diabetes_Research.aspx?typ=18&cid=93971

SOCIAL & BEHAVIORAL SCIENCES

Research and Evaluation on the Investigation and Adjudication of Campus Sexual Assault

U.S. Department of Justice (DoJ) - National Institute of Justice (NIJ)

Due Date: 4/6/2015

NIJ, in coordination with the Office on Violence Against Women, is interested in identifying promising practices related to the investigation and adjudication of sexual assaults on college campuses. NIJ's prior work in the area of campus sexual assault has primarily focused on measuring the frequency of incidents of sexual assault and identifying potential risk and protective factors associated with sexual assault risk.¹ The White House Task Force identified a need to improve understanding of current

A bi-weekly publication of the Office of Research and Technology Transfer. For additional information or to request a customized funding opportunity search, please contact funding@wichita.edu.

practices in campus investigation and judicial decisionmaking involving student-on-student sexual assault. There are a range of investigative practices and adjudicative protocols across colleges and universities from a “single investigator” model to decisionmaking by college judicial boards comprised of students, faculty, and staff. Additionally, the appeals process varies greatly across schools as does the level of victim involvement allowed throughout a case. As colleges and universities are adopting and experimenting with new methods of responding to incidents of campus sexual assault, it is important that these efforts are studied—both for victim impact and offender accountability. **NIJ-2015-4028**

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001144.pdf>

Research and Evaluation on Violence Against Women: Intimate Partner Violence and Sexual Violence

U.S. Department of Justice (DoJ) - National Institute of Justice (NIJ)

Due Date: 4/7/2015

The goals of the Violence Against Women program of research are to improve knowledge and understanding of teen dating violence, intimate partner violence, and sexual assault issues. NIJ strives to provide objective and independent knowledge and validated tools to reduce violence against women and girls, and promote justice for victims. The objectives of this solicitation are to fund high-quality research projects in the areas of specialized law enforcement and prosecutorial response to sexual assault and intimate partner violence; and child custody in which intimate partner violence is present. **NIJ-2015-4029**

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001146.pdf>

Research and Evaluation on Children Exposed to Violence

U.S. Department of Justice (DoJ) - National Institute of Justice (NIJ)

Due Date: 4/8/2015

NIJ is soliciting applications for research and evaluation on children exposed to violence. NIJ is committed to supporting research that will increase our understanding of the complex dynamics of childhood exposure to violence and that will ultimately inform the development and enhancement of programs, practices and policies designed to prevent violence and/or reduce the impact of violence on children and youth. Thus, NIJ is seeking multidisciplinary research and evaluation proposals examining children exposed to violence in the following topic areas:



WICHITA STATE
UNIVERSITY

RESEARCH AND
TECHNOLOGY TRANSFER

1. Criminal or juvenile justice system responses to children identified as witnesses to or victims of violence and trauma across a broad range of violence exposures, regardless of where they enter the system.
2. The identification, characteristics, correlates, and consequences of polyvictimization and/or multisystem involvement among children exposed to violence.
3. Factors that impact a child's ability to cope with exposure to violence.

NIJ is particularly interested in understanding these factors among populations of youth that experience disproportionately high rates of exposure to violence. In addition, NIJ will prioritize applications that include a strong theoretical basis and fall under the above-identified topical areas.
NIJ-2015-0022

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001143.pdf>

**Secondary Analysis of the 2010 National Intimate Partner and Sexual Violence Survey (NISVS)
Data: General Population, American Indian and Alaska Native, and Military Samples**

U.S. Department of Justice (DoJ) - National Institute of Justice (NIJ)

Due Date: 4/9/2015

The purpose of this solicitation will be to encourage and support original research using the 2010 National Intimate Partner and Sexual Violence Survey (NISVS) data that are available from the National Archive of Criminal Justice Data. (NACJD) to help inform policies and programs aimed at preventing violence, as well as addressing the specific information needs of state and national governmental and nongovernmental organizations. The survey was designed to track trends in intimate partner violence (IPV), sexual violence (SV), and stalking. This solicitation is designed to support original research through secondary analysis of existing data funded and archived by NIJ and available from the National Archive of Criminal Justice Data (NACJD) to enhance our understanding of crime, violence, and victimization that will help inform national policies, prevention strategies, and practices in the United States at both the national and State levels as well as to help guide and evaluate progress toward reducing the substantial public health and safety burden associated with IPV, SV, and stalking. **NIJ-2015-3977**

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001129.pdf>

Social Science Research on Implementation, Dissemination, and Translation FY 2015

U.S. Department of Justice (DoJ) - National Institute of Justice (NIJ)

Due Date: 4/9/2015

NIJ seeks studies on incorporating the use of research evidence into criminal justice practice and policy decisions. NIJ is particularly interested in understanding how research evidence is used by those with decision-making power to shape their assessments. We also are interested in furthering our understanding and knowledge of the end-users of research evidence. How do they acquire their knowledge of research evidence and how do they use that evidence? NIJ solicits research on the mechanisms (e.g., journal articles, trade publications, listservs, blogs, mavens or trusted colleagues) and the strategies that practitioners and policymakers use to access research evidence; how that information is applied to practice; and how practice evolves based on new research evidence.

Of particular interest is how research evidence has contributed to policy changes in the criminal justice system. Also of interest are studies on the processes, and the facilitators or barriers to the use of research evidence by practitioners and policymakers. The proposed studies should investigate the processes by which research evidence is acquired, interpreted, and used within the criminal justice community, and identify the various factors that impact those processes (e.g., characteristics of the research itself, the setting, the individual policymaker/practitioner and interactions among these and other important contextual factors). NIJ solicits proposals that offer an analysis of readily available information, networks, resources and already collected data or the collection of new data that can offer insights into these processes related to the use of research evidence. **NIJ-2015-4027**

While proposals will be considered on any topical area (e.g., corrections, courts, policing, crime prevention, and victimization), NIJ is particularly interested in the following:

- Studies that examine judges or prosecutors as consumers of research and consider the different standards of evidence between science and the courtroom.
- Studies on the use of research intermediaries in promoting policies and practices. Intermediaries could include, but are not limited to, research sponsors, advocacy groups, trade or professional associations, and other peer networks.

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001151.pdf>

Research on Bias Crime Victimization

U.S. Department of Justice (DoJ) - National Institute of Justice (NIJ)

Due Date: 4/13/2015

NIJ is seeking applications for research to examine bias crime (a.k.a. hate crime) victimization. Bias crime is associated with more negative outcomes for victims and communities than otherwise

analogous crimes. NIJ is particularly interested in funding research to: (1) develop and test screening and/or assessment tools to identify bias crime victims; (2) conduct localized victimization surveys using new and innovative sampling strategies to understand hate crime among immigrant and other understudied communities; and (3) explore the use of non-traditional data sources to track bias crime victimization. The goals of the bias crime victimization program of research are to improve knowledge and understanding of bias crime victimization through science. NIJ strives to provide objective and independent knowledge and validated tools to reduce violence against victims of hate crime. The objectives of this solicitation are to fund high-quality research projects in the area of bias-motivated crime. **NIJ-2015-4021**

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001142.pdf>

Alexander Galnick Research Investigator Prize

American Psychological Foundation

Due Date: 4/15/2015

The [American Psychological Foundation](http://www.apa.org) provides financial support for innovative research and programs that enhance the power of psychology to elevate the human condition and advance human potential, both today and for future generations. To further this goal, the foundation is accepting applications for its 2015 Alexander Galnick Research Investigator Prize. The goals of the annual program are to encourage psychologists to promote a leadership role for psychology in the area of serious mental illness; to encourage the training of future psychologists to become leaders in this field; and to provide funding for recipients to ensure that psychologists work to advance understanding and treatment for those who are affected by serious mental illnesses. In 2015, a single grant of \$20,000 will be awarded to an exceptional individual working in the area of serious mental illness, including but not limited to schizophrenia, bipolar disorder, and paranoia (delusional disorder). To be eligible, applicants must possess a doctoral degree and a record of significant research productivity in the area of serious mental illness; a record of significant involvement in training and development of younger investigators; and an affiliation with an accredited college, university, or other research/treatment institution.

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

STUDENTS

Dream It. Code It. Win It.

TradingScreen, Inc.

Due Date: 3/29/2015

The "Dream it. Code it. Win it." contest (the "**Contest**") organized by TradingScreen Inc. ("**TradingScreen**"), The Massachusetts Institute of Technology Club of New York ("**MIT Club of New York**"), and The Massachusetts Institute of Technology Enterprise Forum of New York City ("**MIT EF-NYC**"), is designed to encourage eligible higher education students (as defined below), working in teams or as individuals, to develop a creative application (as define below) that incorporates creativity and innovation, and addresses a real need or problem ("**App Concept**").

- **URL:** <http://www.tradingscreen.com/index.php/careers/mit-stem-ny-creative-code-competition/dream-it-code-it-win-it-rules-menu>

Scholarship for Undergraduate Study

Print and Graphics Scholarship Foundation (PGSF)

Due Date: 4/1/2015

The directors of the PGSF announce the annual national competition for scholarships to be awarded for professional and executive careers in the graphic communication industry. The Scholarship Foundation's purpose is to provide scholarships to qualified and interested students who want to prepare for careers in this growing, dynamic industry. The Print and Graphics Scholarship Foundation was organized in 1956 by concerned industry leaders as a nonprofit, private, industry-directed corporation to develop and award scholarship and fellowship assistance to talented young men and women who are interested in graphic communication careers. To be eligible to compete for a scholarship award, the student must be:

- Pursuing a career in graphic communications, printing technology, printing management or publishing.
- A high school senior or a high schoolgraduate.
- A student who is enrolled in a two or four year accredited graphic or printing program at a technical school, college or university within the United States.
- A full-time students.
- Able to maintain a cumulative g.p.a of 3.0 or higher.

- **URL:** <http://www.printing.org/page/3436>

STEM Teachers for America's Future Scholarship Program

The Armed Forces Communications and Electronics Association (AFCEA) Educational Foundation

Due Date: 4/1/2015

The AFCEA Educational Foundation is offering competitive based scholarships of \$5,000 each to students actively pursuing an undergraduate degree, graduate degree or credential/licensure for the purpose of teaching STEM (science, technology, engineering or math) subjects at a U.S. middle or secondary school. The scholarships are made possible by generous contributions from Booz Allen Hamilton, Terremark Worldwide, AFCEA International and several of AFCEA's regional chapters. To be eligible, students must be U.S. citizens with a minimum overall GPA of 3.0 (or equivalent). Undergraduate candidates must be attending an accredited U.S. college or university on-campus and majoring in secondary education or a STEM field for the purpose of teaching STEM subjects in a U.S. middle/intermediate and high schools. Undergraduate applications will be accepted from current sophomores and juniors. Graduate-level candidates must be currently enrolled in at least two semester-equivalent classes at an accredited U.S. college or university. Credential and licensure students must have completed a bachelor's of science degree or graduate degree in a STEM major.

- URL: <http://www.afcea.org/education/scholarships/undergraduate/TeachersScholarship.asp>

Biomedical Engineering Innovation, Design, and Entrepreneurship Award (BMEidea)

Venture Well

Due Date: 4/4/2015

If you are a student working on a health-related technology that addresses a real clinical need, consider entering the 2015 [BMEidea competition](#). BMEidea is the nation's premier competition for biomedical and bioengineering students. Submissions are now being accepted. With the BMEidea competition, the nation's leading competition for biomedical and bioengineering students, we challenge students to pioneer a health-related technology that addresses a real clinical need. **Competition entries are judged on: Technical, economic and regulatory feasibility; Contribution to human health and quality of life; Technological innovation; Potential for commercialization**

Prizes of \$10,000, \$5,000 and \$2,500 will be awarded to the three winners at an award ceremony in June 2015.

- URL: <http://venturewell.org/students/bmeidea/>

Postdoctoral Fellowship on Violence Against Women: Intimate Partner Violence, Sexual Violence, Teen Dating Violence, and Stalking

U.S. Department of Justice (DoJ) – National Institute of Justice (NIJ)

Due Date: 4/7/2015

Violence Against Women research and evaluation is one of the major foci of NIJ's Violence and Victimization Research Division. The goals of the Violence Against Women program of research are to improve knowledge and understanding of teen dating violence, intimate partner violence, stalking, and sexual assault issues through science. NIJ strives to provide objective and independent knowledge and validated tools to reduce violence against women and girls, and promote healing and justice for victims. The objectives of this solicitation are to support the development of promising new scholars in violence against women research and to fund high-quality research projects in the areas of intimate partner violence, sexual violence, stalking, and/or teen dating violence. Postdoctoral fellows funded under this solicitation are expected to publish one or more peer-reviewed scientific journal articles, but may include law review journals, academic press books or book chapters. **NIJ-2015-4030**

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001145.pdf>