

Funding Bulletin

May 8th, 2015 (Vol. 2, No. 16)

Funding Information

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

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

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

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

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How to Apply

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

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

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



Upcoming Events - Spring 2015 RTT Workshop Series

WORKSHOP TITLE	PRESENTER	DATE	TIME	ROOM	DESCRIPTION
Meet & Greet: <i>WSU Resources for Researchers</i>	Scott Wituk , Center for Community Support & Research Mark Porcaro , Media Resources Center TBD , Information Technology Services Polly Basore , Engineering K-12 Outreach	May 14, 2015	1:30-3:00pm	266 Pike	Come hear all about the WSU resources available to you as a researcher: Center for Community Support & Research, the Media Resources Center, WSU Foundation, Information Technology Services, and Engineering K-12 Outreach
Compliance: <i>Animals People and Export, Oh, My!</i>	Katie Williams (Senior IRB/IACUC Administrator) & Linda Steinacher (IRB/IACUC Assistant) Nancy Farber , Compliance Specialist	June 11, 2015	1:30 – 3:00pm	266 Pike	IACUC 101, IRB 101 (Responsible Conduct of Research), Export 101, Conflict of Interest policies
Contracts & Agreements: <i>Getting to a “Win-Win” Agreement</i>	Kelly Blackburn, CRA (Senior Grants & Contracts Administrator)	July 9, 2015	1:30 – 3:00pm	266 Pike	When do I need a contract? How do I get one? Contracting dos and don’ts? What timeline should I expect for developing a contract? Subcontracting Overview

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.

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LIMITED SUBMISSIONS

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

(1) Pathway to Stop Diabetes

American Diabetes Association (ADA)

Due Date: Internal 5/15/2015; Application 7/1/2015

Pathway seeks exceptional nominees from a broad range of disciplines, including medicine, biology, chemistry, engineering, mathematics and physics. Pathway will support creative scientists early in their diabetes research careers, or investigators who are established in other disciplines but would like to expand their focus to diabetes research. Pathway will consider applications directed toward topics relevant to the prevention, treatment and cure of all diabetes types (type 1, type 2 and gestational), diabetes-related disease states (obesity, pre-diabetes, and other insulin resistant states) and diabetes complications. The Association encourages nomination of individuals from diverse backgrounds, including minorities that are underrepresented in research. **Institutions may nominate one investigator per grant cycle. The nomination can be in one of the Pathway award types:**

- **Initiator**
- **Accelerator**
- **Visionary**

- **URL:** http://professional.diabetes.org/Diabetes_Research.aspx?typ=18&cid=93654

(2) Predoctoral Training in Biomedical Big Data Science (T32)

National Institutes of Health (NIH)

Due Date: Internal 5/15/2015; Application 7/27/2015 (Letter of Intent due 30 days before the application due date)

The purpose of this Funding Opportunity Announcement (FOA) is to solicit applications for graduate training programs in Big Data Science, for the expressed purpose of training the next generation of scientists who will develop computational and quantitative approaches and tools needed by the biomedical research community to work with biomedical Big Data in the biomedical

sciences (see definition under Funding Opportunity Description). This proposed training initiative should prepare qualified individuals for careers in developing new technologies and methods that will allow biomedical researchers to maximize the value of the growing volume and complexity of biomedical data. **Only one application per institution, identified by a unique DUNS number, will be accepted. RFA-HG-14-004**

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

(3) Collections in Support of Biological Research

National Science Foundation (NSF)

Due Date: Internal 6/1/2015; Full Proposals 7/13/2015

The Collections in Support of Biological Research (CSBR) Program provides funds: 1) for improvements to secure, improve, and organize collections that are significant to the NSF BIO-funded research community; 2) to secure collections-related data for sustained, accurate, and efficient accessibility of the collection to the biological research community; and 3) to transfer collection ownership responsibilities. The CSBR program provides for enhancements that secure and improve existing collections, result in accessible digitized specimen-related data, and develop better methods for specimen curation and collection management. Requests should demonstrate a clear and urgent need to secure the collection, and the proposed activities should address that need. Biological collections supported include established living stock/culture collections, vouchered non-living natural history collections, and jointly-curated ancillary collections such as preserved tissues and DNA libraries. **One proposal may be submitted from any individual collection within an organization. One organization may not submit more than three proposals to any one CSBR competition. NSF 14-564**

- URL: <http://www.nsf.gov/pubs/2014/nsf14564/nsf14564.htm>

(4) Consortium for Advanced Manufacturing Foresights: Defining the Critical needs of the Advanced Manufacturing Research Community

National Institute of Standards and Technology (NIST) / National Science Foundation (NSF)

Due Date: Internal 6/5/2015; Full Proposal 7/20/2015

The National Science Foundation (NSF), with support from the National Institute of Standards and Technology (NIST), is calling for the advanced manufacturing research community to unite in the establishment of the Consortium for Advanced Manufacturing Foresights (the "Consortium"). NSF is the program lead and is solely responsible for administration of the solicitation and the resulting award. NIST, acting on behalf of the Advanced Manufacturing National Program Office, is the

program co-sponsor with NSF and provides financial and administrative support to NSF. The Consortium will:

- Embrace all fields of advanced manufacturing, including emerging areas and areas overlapping with other disciplines.
- Serve as a catalyst and enabler for and give a voice to the national advanced manufacturing research community in shaping the future of advanced manufacturing.
- Consider issues, challenges and opportunities facing U.S. advanced manufacturing, and source novel and unanticipated perspectives on technology priorities that can inform both the broad advanced manufacturing community and agency work.
- Provide a resource for rapid response expert advice to help inform cross-cutting federal research and development initiatives in advanced manufacturing. It is anticipated that these responses might be provided within from several days for simple informational items to several months for more complex issues.
- Serve as an intermediary for the Administration in soliciting the input of the broader manufacturing community and supply chains on technology strategies.

An organization may submit only one Consortium proposal. NSF 15-565

- URL: <http://www.nsf.gov/pubs/2015/nsf15565/nsf15565.htm>

INTERNAL OPPORTUNITIES

The next available internal opportunities will be: 1) Multi-disciplinary Research Projects Award (MURPA) and 2) University Research/Creative Award (URCA) - Round 2. Both will have October 2015 deadlines.

For more information, visit

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

Check back in late summer for updated instructions and application forms for both opportunities.

GENERAL

Create the Future Design Contest 2015

Tech Briefs Media Group/Comsolm Inc./Mouser Electronics

Due Date: 7/1/2015

The 2015 Create the Future Design Contest is now under way at www.createthefuturecontest.com. Sponsored by COMSOL and Mouser Electronics, the 13th annual global design competition offers a top prize of \$20,000. There is no cost to enter. We're looking for brilliant new product ideas that could create jobs, save lives, help the environment, or benefit society in other ways. In addition to designs at the concept or prototype stage, commercial products that have been introduced to the market within the last 12 months are eligible. Individual and team entries are invited in seven categories:

- Aerospace & Defense
- Automotive/Transportation
- Consumer Products
- Electronics
- Machinery/Automation/Robotics
- Medical
- Sustainable Technologies

- URL: <http://contest.techbriefs.com/contest-rules>

Grants

Reva and David Logan Foundation

Due Date: Ongoing

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

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

ARTS & HUMANITIES

Humanities in the Public Square

National Endowment for the Humanities (NEH)

Due Date: 6/24/2015

The Humanities in the Public Square program supports scholarly forums, public discussions, and educational resources related to the themes of a new NEH initiative, The Common Good: The Humanities in the Public Square. Designed to demonstrate the vital role that humanities ideas can play in our civic life, the Humanities in the Public Square program invites projects that draw on humanities scholarship to engage the public in understanding some of today's most challenging issues and pressing concerns. The Humanities in the Public Square program, a key part of the Common Good initiative, welcomes projects addressing a significant humanities theme that is important to a particular community, region, or state. The theme may be based on one of the questions above or it may address another significant public issue that is informed by the humanities in ways that will appeal to public audiences and concerns. The project should consist of 1. a public forum that engages scholars and humanities practitioners in discussion with a public audience about a theme; 2. subsequent public programs that would use creative formats to engage audiences in reflection on and discussion of a humanities theme for an extended period of time; and 3. educational resources that disseminate materials for ongoing use by teachers, students, and/or lifelong learners. Applicants are strongly encouraged to forge partnerships with other institutions as appropriate (especially state humanities councils), to ensure that the scholarly, public programming, and educational elements are all well conceived and realized.

- URL: <http://www.neh.gov/grants/public/humanities-in-the-public-square>

Common Heritage

National Endowment for the Humanities (NEH)

Due Date: 6/25/2015

America's cultural heritage is preserved not only in libraries, museums, archives, and other community organizations, but also in all of our homes, family histories, and life stories. The Common Heritage program aims to capture this vitally important part of our country's heritage and preserve it for future generations. Common Heritage will support both the digitization of cultural heritage materials and the organization of public programming at community events that explore these materials as a window on a community's history and culture. The Common Heritage program recognizes that members of the public—in partnership with libraries, museums, archives, and historical organizations—have much to contribute to the understanding of our cultural mosaic. Together, such institutions and the public can be effective partners in the appreciation and



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stewardship of our common heritage. The program supports day-long events organized by community cultural institutions, which members of the public will be invited to attend. At these events experienced staff will digitize the community historical materials brought in by the public. Project staff will also record descriptive information—provided by community attendees—about the historical materials. Contributors will be given a free digital copy of their items to take home, along with the original materials. With the owner’s permission, digital copies of these materials would be included in the institutions’ collections. Historical photographs, artifacts, documents, family letters, art works, and audiovisual recordings are among the many items eligible for digitization and public commemoration. Projects must also present public programming that would expand knowledge of the community’s history. Public programs could include lectures, panels, reading and discussion, special gallery tours, screening and discussion of relevant films, presentations by a historian, special initiatives for families and children, or comments by curators about items brought in by the public. These public programs should provide a framework for a deeper understanding of the community members’ shared or divergent histories. The programs may take place before, during, and/or after the day of the digitization event. Applicants may but need not include in their proposals a topic around which the event and the public programming would be organized. Topics proposed for the public programming may also be proposed for the digitization event. The applicant institution must plan, promote, and organize the event and ensure that a wide range of historical materials can be digitized and also contextualized through public programming. Since the help of additional institutions and organizations in the community may be needed to accomplish this work, the applicant must take responsibility for enlisting appropriate organizations or institutions, such as local libraries and museums, to contribute to the project, as needed. NEH especially welcomes applications from small and medium-sized institutions that have not previously received NEH support.

- URL: <http://www.neh.gov/files/grants/common-heritage-june-25-2015.pdf>

Research and Development

National Endowment for the Humanities (NEH)

Due Date: 6/25/2015

The Research and Development program supports projects that address major challenges in preserving or providing access to humanities collections and resources. These challenges include the need to find better ways to preserve materials of critical importance to the nation’s cultural heritage—from fragile artifacts and manuscripts to analog recordings and digital assets subject to technological obsolescence—and to develop advanced modes of organizing, searching, discovering, and using such materials. This program recognizes that finding solutions to complex problems often requires forming interdisciplinary project teams, bringing together participants with expertise in the humanities; in preservation; and in information, computer, and natural science. All projects must

demonstrate how advances in preservation and access would benefit the cultural heritage community in supporting humanities research, teaching, or public programming.

- URL: <http://www.neh.gov/grants/preservation/research-and-development>

Strengthening U.S.-India Relations through Jazz

U.S. Department of State (DoS)

Due Date: 6/25/2015

The U.S. Embassy New Delhi is requesting proposals for a program that would engage American jazz artists in India in February or March 2016. Through this program, the Embassy seeks to celebrate and strengthen the cultural connection between India and the United States through the medium of jazz music. The recipient will include at least one American musician or, or a production company of American, Indian, or mixed composition, with an emphasis on American jazz music that includes traditional jazz music that pays tribute to its African-American roots. The primary objective of the program will be to participate in the 2016 “Delhi International Jazz Festival,” which is organized annually by the Indian Council for Cultural Relations (ICCR). The dates for the 2016 event have not yet been finalized, but in previous years, this festival has been held in February and March. The grantee must be available during the finalized dates for the 2016 festival. **NDRFP16-01**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?opId=276152>

BUSINESS

Barrett Foundation Business Concept Challenge

National Forest Foundation (NFF)

Due Date: Pre-proposals 6/15/2015

The Barrett Foundation Business Concept Challenge offers a \$75,000 grand prize to the winning submission and a \$25,000 prize to the first runner-up in the final stage of the competition. Through a pre-proposal/full proposal process, each team participating in the Challenge develops and articulates a market-based strategy and measurable objectives for addressing a natural resource issue affecting the U.S. National Forests and Grasslands. The business concept must reflect real opportunities and address financial, operational, and organizational aspects of implementation. Barrett Foundation

Business Concept Challenge is national in scope and there are no geographic priorities. The Challenge is open to teams comprised of representatives from for-profit and nonprofit organizations, tribal entities, and students, staff, or faculty at nationally accredited colleges and universities.

- URL: <https://www.nationalforests.org/grant-programs/barrett-challenge>

FY15 Acquisition Research Program

Naval Postgraduate School

Due Date: White Papers 6/16/2015; Invited Full Proposals 9/2/2015

The Government is interested in stimulating and supporting scholarly research in academic disciplines that bear on public policy and management in the field of government acquisition. These include economics, finance, financial management, information systems, organization theory, operations management, human resources management, risk management, and marketing, as well as the traditional acquisition areas such as contracting, program/project management, logistics, test and evaluation and systems engineering management. **NPS-BAA-15-001**

- URL: <http://www.nps.edu/research/documents/BAA-15-001.pdf>

EDUCATION

Education and Special Education Research Grant Programs

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

Due Date: Letters of Intent (optional, but strongly encouraged): 5/21/2015; Applications 8/6/2015 or 8/20/2015 (varies by program – see specifics below)

The central purpose of the Institute’s research grant programs is to provide interested individuals and the general public with reliable and valid information about education practices that support learning and improve academic achievement and access to education opportunities for all students. These interested individuals include parents, educators, students, researchers, and policymakers. In carrying out its grant programs, the Institute provides support for programs of research in areas of demonstrated national need.

Competitions in This Notice: The Institute will conduct eight research competitions in FY 2016 through two of its centers: The Institute’s National Center for Education Research (NCER) will hold six competitions:

- Education Research **(Due Date: 8/6/2015)**
- Research Training Programs in the Education Sciences **(Due Date: 8/20/2015)**
- Education Research and Development Centers **(Due Date: 8/20/2015)**
- Statistical and Research Methodology in Education **(Due Date: 8/6/2015)**
- Partnerships and Collaborations Focused on Problems of Practice or Policy **(Due Date: 8/6/2015)**
- Research Networks focused on Critical problems of Education Policy and Practice **(Due Date: 8/6/2015)**

The Institute's National Center for Special Education Research (NCSER) will hold two competitions:

- Special Education Research **(Due Date: 8/6/2015)**
- Research Training Programs in Special Education **(Due Date: 8/20/2015)**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=275863>

Secondary Analyses of Data on Early Care and Education

U.S. Department of Health and Human Services - Administration for Children & Families (ACF)

Due Date: Letters of Intent 6/1/2015; Applications 6/29/2015

Analyzing existing data sets provides researchers an efficient and cost-effective method for answering critical research questions. Grants for Secondary Analyses of Data on Child Care and early Education will provide funding to address key questions that will inform both policymakers and future research. Existing data, which may have been collected for other purposes, have the potential to answer questions relevant to the goals and outcomes of the programs administered through the Administration for Children and Families, and in particular the Child Care and Development Fund (CCDF). Data of various types from a number of sources may be mined for these purposes. **Topics of particular interest for these grants are:** (1) measurement of quality; (2) subsidy policies and parents' access to high quality early care and education for their children; (3) qualifications, certification and credentialing of child care teachers and caregivers and its relationship to quality care and interactions between caregivers/teachers and children in support of children's development especially for those working with infants and toddlers; (4) interplay between family and child characteristics, employment status, and choices of care; (5) child care characteristics and child and family outcomes; (6) implementation assessment (or process evaluation) of programs/initiatives; (7) effectiveness of state systems in monitoring and maintaining standards of care, and relationship between qualification of monitors/inspectors and the effectiveness of monitoring systems; (8) cost-benefit/cost-effectiveness analyses of child care initiatives; (9) collaboration, coordination, and alignment of services among early care and education programs; (10) characteristics of early care and education programs (center-based and home-based) and their relationship to indicators of program quality; and (11) characteristics of early care and education (ECE) programs (type of ECE, affordability, flexibility)



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available to children from low-income households, of diverse race, ethnicity, and primary language, and of different ages. **HHA-2015-ACF-OPRE-YE-1009**

- URL: <http://www.acf.hhs.gov/grants/open/foa/view/HHS-2015-ACF-OPRE-YE-1009>

Center of Excellence for Veteran Student Success

U.S. Department of Education (ED)

Due Date: 6/23/2015

This program encourages model programs to support veteran student success in postsecondary education by coordinating services to address the academic, financial, physical, and social needs of veteran students. Required grant activities include:

- A. Establishing a Center of Excellence for Veteran Student Success on the campus of the institution to provide a single point of contact to coordinate comprehensive support services for veteran students;
- B. Establishing a veteran student support team, including representatives from the offices of the institution responsible for admissions, registration, financial aid, veterans benefits, academic advising, student health, personal or mental health counseling, career advising, disabilities services, and any other office of the institution that provides support to veteran students on campus;
- C. Providing a coordinator whose primary responsibility is to coordinate the model program;
- D. Monitoring the rates of veteran student enrollment, persistence, and completion; and
- E. Developing a plan to sustain the Center of Excellence for Veteran Student Success after the grant period.

- URL: <http://www2.ed.gov/programs/cevss/applicant.html>

Lyle Spencer Research Awards: Advancing Understanding of Education Practice and its Improvement

The Spencer Foundation

Due Date: Letters of Intent 7/9/2015; Invited Submissions 10/12/2015

The Lyle Spencer Research Awards program is the successor to our long-standing field-initiated major grant program. With this program, we aim to reinforce our commitment to intellectually ambitious research, oriented ultimately to improving the practice of education, and independent of any particular reform agendas or methodological structures. We intend through this endeavor to press our colleagues in the research community to raise their level of intellectual ambition, to encourage

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work that is more thoughtful, more critical of prevailing assumptions, more self-critical about their own work and limitations, and more relevant to the aim of building knowledge for improved educational practice.

- URL: <http://www.spencer.org/content.cfm/lyle-spencer-research-awards>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Leading Edge Aeronautics Research for NASA Project (LEARN2)

National Aeronautics and Space Administration (NASA)

Due Date: Step-A Proposals (white papers) 6/1/2015; Step-B Proposals due 21 days after notification for Step-B Proposals issued)

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. **NNH15ZEA001N-LEARN2**

- URL: <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId=%7b02132414-026E-331B-DDCF-994DAC41633C%7d&path=open>

2015 GRO Program

Samsung

Due Date: 6/1/2015

The Global Research Outreach (GRO) Program is an important part of growing SAMSUNG's academic research engagement and collaboration platforms. World-class researchers have been annually invited since 2009 to propose novel research ideas and to work with SAMSUNG's R&D teams to foster



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technological innovation. 2015 GRO Program is seeking proposals in twenty four (24) research themes. Other themes are also welcome.

1. Machine Learning & Recognition
2. IoT: Ultra Small & Low Power IoT Platform
3. Security & Privacy
4. Big Data & Next Generation Network
5. Data Analytics
6. Mobile Healthcare
7. Biometrics
8. Sensor Technology
9. Next Generation Computing
10. Autonomous Driving
11. Soft Robotics
12. Intelligent Assistant
13. 2D Materials / Devices
14. New Photonic Sensors / Sources
15. Quantum Information
16. Nano Electro Mechanical System
17. Next Generation Battery
18. Remote Wireless Charging
19. Fast Charging Material / Structure
20. Functional Material
21. Smart Textile
22. Organic Sensor Materials
23. Next Generation Display
- 24: New Opportunity Exploration

- **URL:**http://www.sait.samsung.co.kr/saithome/Page.do?method=main&pagePath=01_about/&pageName=gro_overview

FY15 Acquisition Research Program

Naval Postgraduate School

Due Date: White Papers 6/16/2015; Invited Full Proposals 9/2/2015

The Government is interested in stimulating and supporting scholarly research in academic disciplines that bear on public policy and management in the field of government acquisition. These include economics, finance, financial management, information systems, organization theory, operations management, human resources management, risk management, and marketing, as well as the

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traditional acquisition areas such as contracting, program/project management, logistics, test and evaluation and systems engineering management. **NPS-BAA-15-001**

- URL: <http://www.nps.edu/research/documents/BAA-15-001.pdf>

Program Solicitation FY15.2 Small Business Innovation Research (SBIR) Program

U.S. Department of Defense (DoD)

Due Date: 6/24/2015

The objectives of the DoD SBIR Program include stimulating technological innovation in DoD's Science and Technology Emphasis Areas, strengthening the role of small business in meeting DoD research and development needs, fostering and encouraging participation by minority and disadvantaged persons in technological innovation, and increasing the commercial application of DoD-supported research or research and development results. The SBIR Program is a three-phase program. Phase I is to determine, to the extent possible, the scientific, technical, and commercial merit and feasibility of ideas submitted under the SBIR Program. Phase I awards are typically \$70,000 to \$150,000 in size, and the period of performance is generally from six to twelve months. Proposals should concentrate on research or research and development which will significantly contribute to proving the scientific and technical feasibility, and commercialization potential of the proposed effort, the successful completion of which is a prerequisite for further DoD support in Phase II. Proposers are encouraged to consider whether the research or research and development being proposed to DoD Components also has private sector potential, either for the proposed application or as a base for other applications. **DOD-SBIR-2015-2(541711)**

- URL: <https://www.fbo.gov/?s=opportunity&mode=form&id=e329faa8912f25befb3c43f547bf84c4&tab=core&cvview=0>

Program Solicitation FY15.B Small Business Technology Transfer Research (STTR) Program

U.S. Department of Defense (DoD)

Due Date: 6/24/2015

The objectives of the DoD STTR Program include stimulating technological innovation in DoD's Science and Technology Emphasis Areas, strengthening the role of small business in meeting DoD research and development needs, fostering and encouraging participation by minority and disadvantaged persons in technological innovation, and increasing the commercial application of DoD-supported research or research and development results. The STTR Program is a three phase program. Phase I is to determine, to the extent possible, the scientific, technical, and commercial

merit and feasibility of ideas submitted under the STTR Program. Phase I awards are typically \$70,000 to \$150,000 in size and the period of performance is generally from six to twelve months. Proposals should concentrate on research or research and development which will significantly contribute to proving the scientific and technical feasibility, and commercialization potential of the proposed effort, the successful completion of which is a prerequisite for further DoD support in Phase II. Proposers are encouraged to consider whether the research or research and development being proposed to DoD Components also has private sector potential, either for the proposed application or as a base for other applications. **DOD-STTR-2015-B(541711)**

- URL: <https://www.fbo.gov/?s=opportunity&mode=form&id=4d3dd9ed141db4912605391d5f87c4a7&tab=core&cvview=0>

Local Section Innovative Projects Grants (IPGs)

American Chemical Society (ACS)

Due Date: 6/30/2015

The [American Chemical Society](#) is seeking applications to its Local Section Innovative Projects Grants program. The biannual program encourages local ACS sections to conceive of and implement innovative projects aimed at strengthening their functioning. Projects must be new, stimulate local section member involvement, and pilot continuing section activity or take advantage of a unique opportunity for the local section. Projects that support interaction with other ACS local sections, ACS divisions, ACS committees, other professional associations, or community groups are especially encouraged, as are programs that foster inclusiveness and participation of diverse section membership or segments of the general public.

- URL: <http://www.acs.org/content/acs/en/funding-and-awards/grants/acsccommunity/lsinnovativegrant.html>

HEALTH, LIFE & EARTH SCIENCES

Promising Innovations

Kendal Charitable Funds

Due Date: Letters of Intent 5/22/2015; Invited Full Applications 8/10/2015

As a system of nonprofit communities, programs, and services founded on the principles of the Religious Society of Friends (Quakers), [Kendal Charitable Funds](#) aspires to transform the experience of

aging. Kendal affiliates work together within the Kendal System and with caring people outside of it to transform our culture's view of aging and of older persons, stressing the potential for fulfillment and continuing contribution during the later stages of life. Through its Promising Innovations program, Kendal will award grants of up to \$25,000 in support of pilot programs that aim to transform the experience of aging. The program supports ideas that can enhance the lives of an aging population through services, research, and/or increased awareness of aging-related issues and opportunities. Priority will be given to projects that have the greatest potential for change and replication, for the greatest number of individuals. Proposals must identify and address the challenges faced by family, friends, and unpaid caregivers of older adults in ways that support and nurture primary caregivers, educate their support systems, and enhance the quality of life of the individuals in their care.

- URL: <http://www.kendalcharitablefunds.org/2014-2015-grant-opp/>

Research Projects

Foundation for Physical Therapy

Due Date: Letters of Intent 6/1/2015; Invited Full Applications 8/5/2015

The mission of the [Foundation for Physical Therapy](http://www.foundation4pt.org) is to fund and publicize physical therapy research that determines the scientific basis and value of services intended to optimize physical functioning by physical therapists, and to develop the next generation of researchers. To that end, the foundation is accepting Letters of Intent for its Magistro Family Foundation Research Grant program. Through the annual program, FPT will award grants of up to \$80,000 over one or two years for investigator-initiated studies focused on evaluating the effectiveness of interventions most commonly delivered by physical therapists as determined by current practice patterns and/or developing innovative interventions and evaluating their effectiveness. Priority will be given to studies that examine not only the therapeutic effectiveness of interventions but also their cost effectiveness. To be eligible, the principal investigator must possess a license to practice physical therapy in the U.S. or in a U.S. jurisdiction; have met all the requirements for physical therapy licensure in the U.S. or in a U.S. jurisdiction, including having received a passing score on the licensure exam; possess a physical therapist assistant license in the U.S. or in a U.S. jurisdiction; or have met all the requirements for licensure as a physical therapist assistant in the U.S. or in a U.S. jurisdiction, including having received a passing score on the licensure exam.

- URL: http://www.foundation4pt.org/wp-content/uploads/2015/03/MFFRG-Guidelines_3-25-2015.pdf

Investigator-Initiated Award

U.S. Department of Defense (DoD) - Congressionally Directed Medical Research Programs (CDMRP)

Due Date: Pre-applications 6/11/2015; Applications 10/15/2015

The PRMRP Investigator-Initiated Research Award is intended to support studies that will make an important contribution toward research and/or patient care for a disease or condition related to at least one of the Congressionally directed FY15 PRMRP Topic Areas. The rationale for a research idea may be derived from a laboratory discovery, population-based studies, a clinician's first-hand knowledge of patients, or anecdotal data. Applications must include relevant data that support the rationale for the proposed study. These data may be unpublished or from the published literature

- Supports research that will make an original and important contribution to the field of research or patient care in the topic area(s) of interest
- Partnering Principal Investigator (PI) Option available

Relevance to the healthcare needs of the military Service Members, Veterans, and beneficiaries is a key feature of each FY15 PRMRP award mechanism. **W81XWH-15-PRMRP-IIRA**

- **URL:** <http://cdmrp.army.mil/funding/reftable.shtml>

Barrett Foundation Business Concept Challenge

National Forest Foundation (NFF)

Due Date: Pre-proposals 6/15/2015

The Barrett Foundation Business Concept Challenge offers a \$75,000 grand prize to the winning submission and a \$25,000 prize to the first runner-up in the final stage of the competition. Through a pre-proposal/full proposal process, each team participating in the Challenge develops and articulates a market-based strategy and measurable objectives for addressing a natural resource issue affecting the U.S. National Forests and Grasslands. The business concept must reflect real opportunities and address financial, operational, and organizational aspects of implementation. Barrett Foundation Business Concept Challenge is national in scope and there are no geographic priorities. The Challenge is open to teams comprised of representatives from for-profit and nonprofit organizations, tribal entities, and students, staff, or faculty at nationally accredited colleges and universities.

- **URL:** <https://www.nationalforests.org/grant-programs/barrett-challenge>

Focused Program Award

U.S. Department of Defense (DoD) - Congressionally Directed Medical Research Programs (CDMRP)

Due Date: Pre-applications 6/18/2015; Applications 10/28/2015

The PRMRP Focused Program Award mechanism is intended to optimize research and accelerate the solution for a critical question related to a designated FY15 PRMRP Focused Program Award Topic Area through a synergistic, multidisciplinary research program.

- Restricted to the topic areas of Acupuncture, Advanced Prosthetics, Burn Pit Exposure, Cardiovascular Heart Disease, Congenital Heart Disease, Focal Segmental Glomerulosclerosis, Healthcare-acquired Infection Reduction, Hepatitis B, Hydrocephalus, Integrative Medicine, Metals Toxicology, Mitochondrial Disease, Nanomaterials for Bone Regeneration, Osteoarthritis, Pathogen-inactivated Dried Plasma, Pulmonary Fibrosis, Psychotropic Medications, Respiratory Health, Sleep Disorders, Vascular Malformations, and Women's Heart Disease
- Supports a synergistic, multidisciplinary research program of at least four distinct but complementary projects addressing an overarching goal in one of the topic areas listed directly above
- Projects should work together to answer critical questions, resolve differing hypotheses, and translate laboratory findings to clinical applications
- Projects may range from exploratory/hypothesis-developing through small-scale clinical trials that together will address the overarching goal/question
- Research team of highly qualified, multidisciplinary project leaders should be led by a Principal Investigator with demonstrated success in directing large, focused projects

Relevance to the healthcare needs of the military Service Members, Veterans, and beneficiaries is a key feature of each FY15 PRMRP award mechanism. **W81XWH-15-PRMRP-FPA**

- **URL:** <http://cdmrp.army.mil/funding/reftable.shtml>

Innovations for Healthy Living - Improving Population Health and Eliminating Health Disparities Small Business Innovation Research Program (SBIR) (R43/R44)

U.S. Department of Health and Human Services (HHS); National Institutes of Health (NIH); National Institute on Minority Health and Health Disparities (NIMHD)

Due Date: Optional Letters of Intent 6/23/2015; Applications 7/23/2015

The purpose of this funding opportunity is to engage small business concerns (SBC) in developing technologies and products that engage, empower, and motivate individuals and communities,

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including providers and healthcare institutions, in sustainable health promoting activities and interventions that lead to improved health, healthcare delivery, and the elimination of health disparities. Healthy People 2020 defines a health disparity as a particular type of health difference in the incidence, prevalence, morbidity, and burden of diseases and other adverse health outcomes that is closely linked with social, economic, and/or environmental disadvantage. NIH-defined health disparity population groups include racial/ethnic minorities (African Americans, American Indians, Alaska Natives, Asian Americans, Hispanic Americans, Native Hawaiians, and other U.S. Pacific Islanders), socioeconomically disadvantaged individuals, and individuals residing in rural areas. Appropriate technologies should be effective, affordable, culturally acceptable, and easily accessible to those who need them. This announcement is expected to reduce health disparities within and across the priority areas of cardiovascular disease, stroke, cancer, diabetes, HIV/AIDS, infant mortality, mental health, and obesity, as well as lung, liver, and kidney diseases, psoriasis, scleroderma, and other diseases, illnesses, and conditions of public health importance. **RFA-MD-15-009**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-15-009.html>

Technologies for Improving Population Health and Eliminating Health Disparities Small Business Technology Transfer Program (STTR) (R41/R42)

U.S. Department of Health and Human Services (HHS); National Institutes of Health (NIH); National Institute on Minority Health and Health Disparities (NIMHD)

Due Date: Optional Letters of Intent 6/23/2015; Applications 7/23/2015

The purpose of this funding opportunity is to stimulate a partnership of ideas and technologies between innovative small business concerns (SBCs) and non-profit research institutions resulting in improving minority health and the reduction of health disparities by commercializing innovative technologies. Healthy People 2020 defines a health disparity as a particular type of health difference in the incidence, prevalence, morbidity, and burden of diseases and other adverse health outcomes that is closely linked with social, economic, and/or environmental disadvantage. NIH-defined health disparity population groups include racial/ethnic minorities (African Americans, American Indians, Alaska Natives, Asian Americans, Hispanic Americans, Native Hawaiians, and other U.S. Pacific Islanders), socioeconomically disadvantaged individuals, and individuals residing in rural areas. Appropriate technologies must be effective, affordable, culturally acceptable, and easily accessible to those who need them. This announcement is expected to reduce health disparities within and across the priority areas of cardiovascular disease, stroke, cancer, diabetes, HIV/AIDS, infant mortality, mental health, and obesity, as well as lung, liver, and kidney diseases, psoriasis, scleroderma, and other diseases, illnesses, and conditions of public health importance. **RFA-MD-15-008**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-15-008.html>

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Discovery Award

U.S. Department of Defense (DoD) - Congressionally Directed Medical Research Programs (CDMRP)

Due Date: Letters of Intent 6/25/2015, Applications 7/9/2015

The intent of the PRMRP Discovery Award is to support innovative, untested, high-risk/ potentially high-reward research that will provide new insights, paradigms, technologies, or applications. Studies supported by this award are expected to lay the groundwork for future avenues of scientific investigation. The proposed research project should include a well formulated, testable hypothesis based on a sound scientific rationale and study design. Relevance to the healthcare needs of the military Service Members, Veterans, and beneficiaries is a key feature of each FY15 PRMRP award mechanism. **W81XWH-15-PRMRP-DA**

- URL: <http://cdmrp.army.mil/funding/reftable.shtml>

Technology/Therapeutic Development Award

U.S. Department of Defense (DoD) - Congressionally Directed Medical Research Programs (CDMRP)

Due Date: Letters of Intent 6/25/2015; Applications 10/15/2015

The PRMRP Technology/Therapeutic Development Award is a product-driven award mechanism intended to provide support for the translation of promising preclinical findings into products for clinical applications, including prevention, detection, diagnosis, treatment, or quality of life, in at least one of the Congressionally directed FY15 PRMRP Topic Areas. Products in development should be responsive to the healthcare needs of military Service members, Veterans, and/or beneficiaries. The product(s) to be developed may be a tangible item such as a pharmacologic agent (drugs or biologics) or device, or a knowledge-based product such as clinical guidance for standard of care. The Principal Investigator (PI) must provide a transition plan (including potential funding and resources) showing how the product will progress to the next level of development (e.g., clinical trials, delivery to the military or civilian market) after the completion of the PRMRP award. Proof-of-concept demonstrating the potential utility of the proposed product, or a prototype/preliminary version of the proposed product, should already be established. Applications must include relevant data that support the rationale for the proposed study. These data may be unpublished and/or from the published literature. Relevance to the healthcare needs of the military Service Members, Veterans, and beneficiaries is a key feature of each FY15 PRMRP award mechanism. **W81XWH-15-PRMRP-TTDA**

- URL: <http://cdmrp.army.mil/funding/reftable.shtml>



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Engagement Award: Knowledge, Training and Development, and Dissemination Awards

Patient-Centered Outcomes Research Institute (PCORI)

Due Date: Letters of Inquiry 7/1/2015

The [Patient-Centered Outcomes Research](#) Institute is a nonprofit, nongovernmental organization located in Washington, D.C. Congress authorized the establishment of PCORI in the Patient Protection and Affordable Care Act of 2010 with a mandate to improve the quality and relevance of evidence available to help patients, caregivers, clinicians, employers, insurers, and policy makers make informed health decisions. Specifically, PCORI funds comparative clinical effectiveness research, or CER, and supports work that will improve the methods used to conduct such studies. In 2015, PCORI will award up to \$15.5 million as part of its Eugene Washington PCORI Engagement Awards program. The awards support projects that encourage the active integration of patients, caregivers, clinicians, and other healthcare stakeholders as members of the patient-centered outcomes research/clinical effectiveness research enterprise. Applications may be submitted by any private or public-sector organization, including any nonprofit or for-profit organization or any unit of local, state, or federal government. All applicant organizations in the U.S. must be recognized by the Internal Revenue Service. Non-domestic components of organizations based in the United States and foreign organizations may apply, as long as there is demonstrable benefit to the U.S. healthcare system and U.S. efforts in the area of patient-centered research can be clearly shown.

- URL: <http://www.pcori.org/announcement/engagement-award-knowledge-training-and-development-and-dissemination-awards>

INTERNATIONAL

FY 2015 Professional Fellows On-Demand Program

U.S. Department of State (DoS) – Bureau of Educational and Cultural Affairs (ECA)

Due Date: 6/1/2015

The Professional Fellows On-Demand Program will build upon the foundation of the current Professional Fellows Program and Professional Fellows On-Demand Program exchanges. This exchange program supports U.S. foreign policy goals by enabling the Department of State to respond in a timely manner to emerging foreign policy priorities. Broadly speaking, the Professional Fellows On-Demand Program offers a more flexible program with a shorter lead time than the Professional Fellows (PF) exchange program. The existing PF program supports month-long professional development opportunities in the United States for emerging leaders from countries around the

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world. The Professional Fellows On-Demand Program will provide opportunities for professionals from countries and regions around the world to take part in a specially designed exchange focused on a specific foreign policy priority or foreign policy goal. While the subject matter of each individual Professional Fellows On-Demand project will differ, a key theme cutting across the Professional Fellows Programs is strengthening the capacity of civil society and local government to respond to challenges that arise in varying regional or country contexts. **ECA-ECAPEC-15-025**

The FY 2015 Professional Fellows On-Demand Program supports the following broad goals:

1. Support for foreign policy priority issues where existing public diplomacy resources are not immediately available or accessible;
2. Create partnerships between emerging leaders from foreign countries and the United States in specific substantive areas of focus;
3. Provide opportunities for foreign and American emerging leaders to collaborate and share ideas, approaches, and strategies regarding existing challenges;
4. Enhance professional and leadership skills for both foreign and American participants so that they will be better able to effect positive change in their workplaces and communities.

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=275844>

NEW FACULTY/INVESTIGATOR

Innovation Award

Damon Runyon Cancer Research Foundation

Due Date: 7/1/2015

The Damon Runyon-Rachleff Innovation Award is designed to provide support for the next generation of exceptionally creative thinkers with “high-risk/high-reward” ideas that have the potential to significantly impact our understanding of and/or approaches to the prevention, diagnosis or treatment of cancer. The Innovation Award is specifically designed to provide funding to extraordinary early career researchers who have an innovative new idea but lack sufficient preliminary data to obtain traditional funding. It is not designed to fund incremental advances. The research supported by the award must be novel, exceptionally creative and, if successful, have the strong potential for high impact in the cancer field. Awards are made to institutions for support of the Damon Runyon-Rachleff Innovation Investigators.

- URL: http://www.damonrunyon.org/for_scientists/more/innovation_award_overview

SOCIAL & BEHAVIORAL SCIENCES

NIJ FY15 Data Resources Program: Funding for Analysis of Existing Data

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

Due Date: 5/29/2015

NIJ, BJS, and OJJDP have entered into a partnership to request applications under this Data Resources Program (DRP) solicitation for original research using existing data available from the National Archive of Criminal Justice Data (NACJD) and other public sources. NIJ will manage and fund awards resulting from this solicitation. NACJD houses quantitative and qualitative data from research funded by these three agencies. The data are made available online at no cost as downloadable, machine-readable files. Copies of documentation, such as user guides and codebooks, are also available at no charge. NACJD is maintained by the Inter-University Consortium for Political and Social Research at the University of Michigan and is supported by NIJ, BJS, and OJJDP. NIJ, BJS, and OJJDP sponsor data sets covering a wide range of juvenile and criminal justice topics. Most of these data sets are available at NACJD, although some data may also be available from other agency websites. DRP is primarily intended to support secondary analysis to inform juvenile and criminal justice policy and practice in the United States. Therefore, other publicly available secondary data may also be proposed for use in research funded under this solicitation, especially if they enhance or add to NACJD by replicating or extending original findings or testing new hypotheses. This joint solicitation for DRP will give highest priority to research that addresses compelling crime and criminal justice questions involving juvenile and adult populations, and that uses NIJ, BJS, or OJJDP data at NACJD. **NIJ-2015-3974**

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001159.pdf>

National Initiatives: Promoting Effective Justice Systems Strategies

U.S. Department of Justice (DOJ); Office of Justice Programs (OJP); Bureau of Justice Assistance (BJA)

Due Date: 6/16/2015

The purpose of this program is to provide state and local criminal justice practitioners and stakeholders with objective information, resources, and training and technical assistance (TTA) on timely and emerging criminal justice issues and actionable information to improve the uptake and quality of evidence-based practice. **Category 1** of the solicitation seeks a provider to develop content for a web-based clearinghouse and provide technical assistance to criminal justice practitioners and stakeholders regarding the science and practice of risk and needs assessment to inform decisions at various points in the criminal justice system. **Category 2** of the solicitation seeks to identify a



provider or team of providers to leverage and bolster the successful work to date of the National Resource Center on Justice-Involved Women. **BJA-2015-4200**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=276057>

NIJ FY15 Research and Evaluation on Victims of Crime

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

Due Date: 6/26/2015

The National Institute of Justice has a longstanding history of collaborating with and supporting the Office for Victims of Crime (OVC) on research, evaluation, and programmatic projects. Over the years, the shared priorities of OVC and NIJ have resulted in a number of collective projects, workshops, and research. In 2013, OVC began Vision 21: Transforming Victim Services which called for the development of research to build a body of evidence-based knowledge on victims and victimization. With this solicitation, NIJ is collaborating with OVC to build on three areas of research that are of interest to both agencies. **NIJ-2015-4180** Applicants should submit proposals that address one of the three topics **below**:

1. Studying the Victim-Offender Overlap.
2. Understanding the Violent Victimization Experiences of Young Men of Color
3. Research on the Broader Impacts of School Shootings.

- URL: <https://www.ncjrs.gov/pdffiles1/nij/sl001162.pdf>

Creativity in Psychiatric Education Award

American College of Psychiatrists

Due Date: 6/30/2015

The [American College of Psychiatrists](http://www.acpsych.org) is accepting applications for its Award for Creativity in Psychiatric Education. The annual award recognizes a teaching program that demonstrates innovation in psychiatric education. The award consists of a grant and a certificate. In addition, the award covers the expenses of one representative from the winning program for travel, hotel, and free registration at the college's annual meeting. The award is open to any creative/innovative program for psychiatric education that has been in operation for at least two years and has been a part of a United States or Canadian approved psychiatric residency training program. Trainees may include medical students, residents, other physicians, allied mental health professionals, and members of the community.

- URL: <https://www.acpsych.org/awards>