

## Funding Bulletin

June 19<sup>th</sup>, 2015 (Vol. 2, No. 19)

### 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](mailto: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](mailto: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](mailto: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](mailto: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](mailto:funding@wichita.edu).

## Upcoming Events - Spring 2015 RTT Workshop Series

WORKSHOP TITLE	PRESENTER(S)	DATE	TIME	ROOM	DESCRIPTION
Contracts & Agreements:  <i>Getting to a "Win-Win" Agreement</i>	<b>Fran Cook</b> , Pre-Award Specialist and Training Manager  <b>Caleb Loss</b> , Senior Grants and Contracts Administrator	<b>July 9, 2015</b>	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](mailto: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](mailto:proposals@wichita.edu), by the internal due date listed in the Funding Bulletin if you wish to submit a limited submission program. There are currently three open limited submission competitions:

#### **(1) Advancing Health Disparities Interventions through Community-Based Participatory Research (U01)**

*National Institutes of Health (NIH) – National Institute on Minority Health and Health Disparities (NIMHD)*

**Due Date: Internal 6/22/2015; Letter of Intent 7/3/2015; Application 8/3/2015**

The overarching goals of the NIMHD Community-Based Participatory Research (CBPR) Program are to enhance community capacity in research for which they will directly benefit; support collaborative

intervention projects addressing health disparities; and accelerate the translation of findings into improved health and health outcomes. The purpose of this FOA is to support promising community interventions using CBPR principles and approaches aimed at reducing and eventually eliminating health disparities. This FOA invites applications for intervention studies using CBPR principles and methods. For the purpose of this FOA, 'community' refers to a population that may be defined by geography, race, ethnicity, culture, gender, illness or other health condition, or to groups that have a common health-related interest or cause. Communities must include significant representation of one or more NIH-designated US health disparity populations, which include Blacks/African Americans, Hispanics/Latinos, American Indians/Alaska Natives, Asian Americans, Native Hawaiians and other Pacific Islanders, socioeconomically disadvantaged populations and rural populations. **Only one application per institution is allowed. RFA-MD-15-010**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MD-15-010.html>

**(2) Institutional Training for a Dental, Oral and Craniofacial Research Workforce (T90/R90)**  
*National Institutes of Health (NIH) – National Institute of Dental and Craniofacial Research (NIDCR)*

**Due Date: Internal 8/1/2015 (Letter of Intent due 30 days before the application due date) 9/25/2015**

The National Institute of Dental and Craniofacial Research (NIDCR) will award T90/R90 grants to eligible, domestic institutions to enhance predoctoral and postdoctoral research training (T90) and postdoctoral research education (R90) to ensure that a diverse and highly qualified workforce is available to address the Nation's basic and clinical biomedical and behavioral or social sciences research agenda. Research training programs will incorporate didactic, research, and career development components to prepare individuals for careers as independent scientists that will have a significant impact on the dental, oral, and craniofacial health-related research needs of the Nation. **PAR-15-101 Only one application in response to this FOA or PAR-15-102 (T32) per institution is allowed.**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-101.html>

**(3) 2015 Sloan Research Fellowship**

*Alfred P. Sloan Foundation*

**Due Date: Internal (notification only) 8/7/2015; Nominations 9/15/2015**

The [Alfred P. Sloan Foundation](#) is inviting nominations for the 2015 Sloan Research Fellowship, a two-year program designed to stimulate fundamental research by early career scientists and scholars of

outstanding promise. Through the program, fellowships of \$50,000 will be awarded to a hundred and twenty-six researchers in recognition of their distinguished performance and unique potential to make substantial contributions to their field. Funds may be used for equipment, technical assistance, professional travel, trainee support, or any other activity directly related to the fellow's research. If unexpended funds remain at the end of two years, an extension of the termination date may be obtained. If a fellow transfers to another eligible institution during the term of the fellowship, the foundation will transfer unexpended funds to the new institution. Funds may not be used to augment an existing full-time salary or for indirect or overhead charges by the fellow's institution. To be eligible, nominees must hold a Ph.D. (or equivalent) in chemistry, computational or evolutionary molecular biology, computer science, economics, mathematics, neuroscience, ocean sciences (including marine biology), physics, or a related field; hold a tenure track (or equivalent) position at a college, university, or other degree-granting institution in the United States or Canada; and be no more than six years from completion of their most recent Ph.D. (or equivalent) as of the year of their nomination. While fellows are expected to be at an early stage of their research careers, there should be strong evidence of independent research accomplishments. Visit the Sloan Foundation Web site for complete program information and nomination guidelines, and information about past fellows. **Limited submission: three candidates per department.**

- URL: <http://www.sloan.org/sloan-research-fellowships/>

## INTERNAL OPPORTUNITIES

### Multidisciplinary Research Project Awards (MURPA)

*Wichita State University*

**Due Date: 10/2/2015**

Applications for Multidisciplinary Research Project Awards (MURPA) are due to the Office of Research and Technology Transfer by Oct. 2 at 5:00 p.m. for grant period, choice of Jan 1 – June 15, 2016 OR May 1 – Aug 31, 2016. Multidisciplinary Research Projects are projects that involve two or more investigators from different disciplines that focus different perspectives and capabilities on complex problems that intersect established areas of study. They are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations or industries. Application and instructions are available on the research website and may be submitted electronically to [proposals@wichita.edu](mailto:proposals@wichita.edu) or Campus Box 7.

**For more information, visit**

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

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## University Research/Creative Projects (URCA) – Round Two

Wichita State University

**Due Date: 10/2/2015**

Applications for Round 2 of the University Research/Creative Projects (URCA) are due to the Office of Research and Technology Transfer by Oct. 2 at 5:00 p.m. for grant period Dec 1, 2015 – Dec 31, 2016. URCA's are to retool or reestablish productive research/creative projects agenda. In areas where external funding is available, the URCA may be used as seed money to develop pilot data. Areas where access to external sources is limited may receive special consideration. Grants may be for up to \$4,500 awarded in two separate competitions: New - tenure-eligible faculty in their first or second year of probation to initiate research/creative projects, and Established - tenured faculty or probationary faculty in their 3rd (or more) year of probation to retool or re-establish productive research/creative agenda. Application and instructions are available on the research website and may be submitted electronically to [proposals@wichita.edu](mailto:proposals@wichita.edu) or Campus Box 7.

**For more information, visit**

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

## GENERAL

### Research Experiences for Undergraduate Students (REU)

National Science Foundation (NSF)

**Due Date: 8/26/2015**

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) *REU Sites* are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department or may offer interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. (2) *REU Supplements* may be included as a component of proposals for new or renewal NSF grants or cooperative agreements or may be requested for ongoing NSF-funded research projects. **NSF 13-542**

- **URL:** <http://www.nsf.gov/pubs/2013/nsf13542/nsf13542.htm>

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## Science of Organizations (SoO)

*National Science Foundation (NSF)*

**Due Dates: 9/3/2015, 2/2/2016**

Organizations -- private and public, established and entrepreneurial, designed and emergent, formal and informal, profit and nonprofit -- are critical to the well-being of nations and their citizens. They are of crucial importance for producing goods and services, creating value, providing jobs, and achieving social goals. The Science of Organizations (SoO) program funds basic research that yields a scientific evidence base for improving the design and emergence, development and deployment, and management and ultimate effectiveness of organizations of all kinds. SoO funds research that advances our fundamental understanding of how organizations develop, form and operate. Successful SoO research proposals use scientific methods to develop and refine theories, to empirically test theories and frameworks, and to develop new measures and methods. Funded research is aimed at yielding generalizable insights that are of value to the business practitioner, policy-maker and research communities. SoO welcomes any and all rigorous, scientific approaches that illuminate aspects of organizations as systems of coordination, management and governance. **PD 11-8031**

- URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=504696](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504696)

## 2015 Grant Cycle

*RGK Foundation*

**Due Date: Letters of Inquiry reviewed quarterly (next review date: 9/16/15)**

The [RGK Foundation](#) in Austin, Texas, is inviting grant proposals in the broad areas of education, community, and health and medicine. The foundation's primary education interests include programs that focus on formal K-12 education (particularly math, science, and reading), teacher development, literacy, and higher education. Within its community area, the foundation supports a broad range of human services, community improvement activities, abuse prevention, and youth development programs. In the area of health and medicine, the foundation's current interests include programs that promote the health and well-being of children and access to health service. While grants occasionally support operating expenses, capital campaigns, endowments, and international projects, such grants are infrequent and are usually initiated by the foundation. Multiyear grants are also rare, with most grants awarded for a one-year period. Grants are made only to nonprofit organizations certified as tax exempt under Sections 501(c)(3) or 170(c) of the Internal Revenue Code and classified as "not a private foundation" under Section 509(a). Hospitals, educational institutions, and governmental institutions meeting these requirements are eligible to apply. **Letters of Inquiry are accepted all year long and are reviewed on a rolling basis (March 6, June 12, and September 16).**

- URL: <http://www.rgkfoundation.org/public/guidelines>

## ARTS & HUMANITIES

### Linguistics

*National Science Foundation (NSF)*

**Due Dates: 7/15/2015, 1/15/2016**

The Linguistics Program supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, semantics, morphology, phonetics, and phonology. The program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries, such as (but not limited to):

- What are the psychological processes involved in the production, perception, and comprehension of language?
- What are the computational properties of language and/or the language processor that make fluent production, incremental comprehension or rapid learning possible?
- How do the acoustic and physiological properties of speech inform our theories of language and/or language processing?
- What role does human neurobiology play in shaping the various components of our linguistic capacities?
- How does language develop in children?
- What social and cultural factors underlie language variation and change?

The Linguistics Program does not make awards to support clinical research projects, nor does it support work to develop or assess pedagogical methods or tools for language instruction. **PD 98-1311**

- **URL:**[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5408&WT.mc\\_id=USNSF\\_39&mp;WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5408&WT.mc_id=USNSF_39&mp;WT.mc_ev=click)

### Humanities Grants

*Kansas Humanities Council (KHC)*

**Due Date: FALL ROUND - Project Drafts 8/26/2015; Final Applications 9/30/2015**

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

1. Connect people with ideas, places, and history from across time and generations
2. Engage citizens in discussions about a humanities theme or topic

3. Offer multiple points of view for the public to consider
4. Strengthen sense of community

Projects eligible for humanities grant support include a series of public programs specific to a humanities theme, museum exhibitions, film and book discussions, the creation of short documentary films, radio documentary series, full-length film documentaries, and other creative activities.

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

### **Furthermore Grants in Publishing**

*J.M. Kaplan Fund*

**Due Dates: 9/1/2015, 3/1/2016**

Furthermore grants assist nonfiction books having to do with art, architecture, and design; cultural history, the city, and related public issues; and conservation and preservation. Furthermore looks for work that appeals to an informed general audience; gives evidence of high standards in editing, design, and production; and promises a reasonable shelf life. The grants, ranging roughly from \$1,500 to a maximum of \$15,000, are awarded twice annually. Postmarked application deadlines are March 1 and September 1. Funds apply to such specific publication components as writing, research, editing, indexing, design, illustration, photography, and printing and binding.

- URL: <http://www.furthermore.org/guidelines.html>

## **BUSINESS**

### **Grants**

*Calvin K. Kazanjian Economics Foundation, Inc.*

**Due Date: 9/15/2015**

While the Kazanjian Foundation maintains a vital interest in the overall efforts to increase economic literacy, the Board of Trustees will give special attention to proposals and projects with national impact that addresses the following issues:

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- The Foundation makes grants of various sizes. The average grant is approximately \$22,000, however grants as small as \$3,500 and as large as \$150,000 have been made. Occasionally, multi-year grants are made for larger projects.
- The Foundation has an abiding interest in elevating the nation's understanding of the need for economic education. It will support programs that raise various public's participation in economic education and/or create a demand for greater economic literacy.
- The application of new strategies for teaching economics including on-line and web-based instruction is of interest to the Foundation.
- Projects, policy studies, or programs that encourage measurement of economic understanding more often and/or more effectively are of specific interest.
- The large number of students at risk of leaving school, and hence never effectively participating in the nation's economic system are of concern to the Foundation. Programs that help otherwise disenfranchised youth and/or young adults with children learn to participate in the economic system are very important to the Foundation.
- URL: <http://www.kazanjian.org/grants/apply>

## EDUCATION

### **Investing in Innovation (I3) Fund: Scale Up & Validation Grants**

*U.S. Department of Education (ED) – Office of Innovation and Improvement (OII)*

**Due Date: Optional Notices of Intent 6/25/2015; Applications 8/4/2015**

The Investing in Innovation Fund (i3), established under section 14007 of the American Recovery and Reinvestment Act of 2009 (ARRA), provides funding to support (1) local educational agencies (LEAs), and (2) nonprofit organizations in partnership with (a) one or more LEAs or (b) a consortium of schools. The i3 program is designed to generate and validate solutions to persistent educational challenges and to support the expansion of effective solutions to serve substantially larger numbers of students. The central design element of the i3 program is its multi-tier structure that links the amount of funding that an applicant may receive to the quality of the evidence supporting the efficacy of the proposed project. Applicants proposing practices supported by limited evidence can receive relatively small grants that support the development and initial evaluation of promising practices and help to identify new solutions to pressing challenges; applicants proposing practices supported by evidence from rigorous evaluations, such as large randomized controlled trials, can receive sizable grants to support expansion

across the country. This structure provides incentives for applicants to build evidence of effectiveness of their proposed projects and to address the barriers to serving more students across schools, districts, and States.

**Scale-Up Grants:**

Scale-up grants provide funding to support expansion of projects supported by strong evidence of effectiveness (as defined in this notice) to the national level (as defined in this notice). In addition to improving outcomes for an increasing number of high-need students, Scale-up grants will generate information about the students and contexts for which a practice is most effective. We expect that Scale-up grants will increase practitioners' and policymakers' understanding of strategies that allow organizations or practices to expand quickly and efficiently while maintaining their effectiveness.

- URL: <https://www.federalregister.gov/articles/2015/06/05/2015-13673/applications-for-new-awards-investing-in-innovation-fund-scale-up-grants>

**Validation Grants:**

Validation grants provide funding to support expansion of projects supported by moderate evidence of effectiveness (as defined in this notice) to the national level (as defined in this notice) or regional level (as defined in this notice). Validation grants must further assess the effectiveness of the i3-supported practice through a rigorous evaluation, with particular focus on the populations for, and the contexts in, which the practice is most effective. We expect and consider it appropriate that each applicant propose to use the Validation funding to build its capacity to deliver the i3-supported practice, particularly early in the funding period, to successfully reach the level of scale proposed in its application. Additionally, we expect each applicant to address any specific barriers to the growth or scaling of the organization or practice (including barriers related to cost-effectiveness) in order to deliver the i3-supported practice at the proposed level of scale and provide strategies to address these barriers as part of its proposed scaling plan.

- URL: <https://www.federalregister.gov/articles/2015/06/05/2015-13672/applications-for-new-awards-investing-in-innovation-fund-validation-grants>

## ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

### Professional Research Experience Program (PREP-MML)

*U.S. Department of Commerce (DoC) - National Institute of Standards and Technology (NIST)*

**Due Date: 8/7/2015**

The objectives of the PREP-MML program are to encourage the growth and progress of science and engineering in the United States by providing research opportunities for undergraduate/graduate students and post-doctoral fellows, enabling them to collaborate with MML scientists and engineers, and exposing them to cutting-edge research. The PREP-MML program will promote undergraduate and graduate students' pursuit of degrees in science and engineering, and post-doctoral fellows' professional development in science and engineering and will foster stronger scientific collaboration between the recipient institution and NIST. The PREP-MML Administrative Coordinator, NIST scientists and engineers, and appropriate division chiefs will coordinate with outreach coordinators and directors of multi-disciplinary academic organizations to identify students and programs that would benefit from the PREP-MML program experience. Applicants must be able to ensure the availability of undergraduate and graduate students for on-site collaborative research experiences within the NIST MML laboratories operating on the NIST campus in Gaithersburg, Maryland and the Hollings Marine Laboratory campus in Charleston, South Carolina, concurrent with their academic studies. Participating students must be enrolled fulltime in an academic program. A grade point average of 3.0/4.0 or better is encouraged. Post-doctoral fellows must be affiliated with a sponsoring institution of higher education. Eligibility for all programs listed in this FFO is limited to accredited institutions of higher education that offer undergraduate and graduate degrees in academic disciplines relevant to the technical programs of the NIST Material Measurement Laboratory (see [www.nist.gov/mml/](http://www.nist.gov/mml/)) in Gaithersburg, Maryland and Charleston, South Carolina. For the purposes of this FFO, these disciplines include (but may not be limited to) physics, chemistry, mathematics, materials science, mechanical/electrical/electronic engineering, metallurgy, and computer science/engineering. **2015-NIST-PREP-MML-01**

- URL: <http://www.nist.gov/mml/upload/2015-PREP-MML-FFO-2.pdf>

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

*National Science Foundation (NSF)*

**Due Date: Letters of Intent 9/8/2015; Full Proposals 10/9/2015**

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 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 15-570**

**Additional Due Dates:**

*Letters of Intent: 3/1/2016, 9/8/2016, 3/1/2017; Full Proposals 4/1/2016, 10/11/2016, 4/3/2017*

- URL:[http://www.nsf.gov/pubs/2015/nsf15570/nsf15570.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15570/nsf15570.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)

## HEALTH, LIFE & EARTH SCIENCES

### National Innovative Research Grant

*American Heart Association*

**Due Date: 7/21/2015**

The objective of the Innovative Research Program is to support highly innovative, high-risk, high-reward research that could ultimately lead to critical discoveries or major advancements that will accelerate the field of cardiovascular and stroke research. Research deemed innovative may introduce a new paradigm, challenge current paradigms, look at existing problems from new perspectives, or exhibit other uniquely creative qualities. The Innovative Research Grant (IRG) promotes new ideas; therefore, proposals need not include preliminary data. However, a solid rationale for the work must be provided. Proposed work should not be the next logical step of previous work, but should have a high probability of revealing new avenues of investigation, if successful. This program aims to provide pilot or seed funding that should lead to successful competition for additional funding beyond the pilot period. The principal investigator (PI) is responsible for clearly and explicitly articulating the project's innovation and the potential impact on cardiovascular and stroke research. The scientific focus should be broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts.

- URL:[http://my.americanheart.org/professional/Research/FundingOpportunities/ForScientists/National-Innovative-Research-Grant\\_UCM\\_321936\\_Article.jsp](http://my.americanheart.org/professional/Research/FundingOpportunities/ForScientists/National-Innovative-Research-Grant_UCM_321936_Article.jsp)

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### **Scientist Development Grant**

*American Heart Association*

**Due Date: 7/21/2015**

The objective of the Scientist Development Program is to support highly promising beginning scientists in their progress toward independence by encouraging and adequately funding research projects that can bridge the gap between completion of research training and readiness for successful competition as an independent investigator. Proposals are encouraged from all basic, behavioral, epidemiological, and community and clinical investigations that bear on cardiovascular and stroke problems. The scientific focus should be broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts.

- **URL:**[http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Scientist-Development-Grant\\_UCM\\_443318\\_Article.jsp](http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Scientist-Development-Grant_UCM_443318_Article.jsp)

### **Foundation Research Grant (FRG)**

*Foundation for Physical Therapy (FPT)*

**Due Date: 8/5/2015**

The intent of FPT is to fund the highest quality scientifically based and clinically relevant research with priority given to projects having the most immediate clinical application. Proposed studies should add to or refine the body of knowledge on which physical therapist practice is based using any of a variety of recognized investigative methods, such as experimental, descriptive, or correlational. Proposed studies should begin to address the most critical questions regarding clinical research. The Research Agenda is provided as a guide to identification of those critical research questions. One FRG is to be awarded for research projects to evaluate the effectiveness of physical therapist interventions, within any discipline relevant to physical therapy.

#### **Studies should seek to do one or more of the following:**

- Evaluate the clinical effectiveness of therapeutic interventions
  - Assess the interaction between patient characteristics and therapeutic methods
  - Explore the scientific basis for interventions used in physical therapy
  - Address an item identified in the APTA Research Agenda
- **URL:**[http://www.foundation4pt.org/wp-content/uploads/2015/03/FRG-Guidelines\\_3-23-2015.pdf](http://www.foundation4pt.org/wp-content/uploads/2015/03/FRG-Guidelines_3-23-2015.pdf)



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### **Geriatric Research Grant**

*Foundation for Physical Therapy (FPT)*

**Due Date: 8/5/2015**

One Geriatric Research Grant is to be awarded for research in methods to facilitate the aging-in-place for older adults in a supportive community setting utilizing novel and innovative approaches for access to physical therapist services and care. Grant proposals should seek to directly promote the health, safety, and overall well-being of all older adults with an emphasis on the protection of marginalized and at-risk populations.

#### **Studies should seek to do one or more of the following:**

- Facilitate interprofessional and/or international collaboration
- Endorses a public health/prevention model rather than a classic interventional medical model
- Utilizes a mentoring model including both experienced (currently not funded) and novel researchers who are all professionally committed to geriatrics to bring the “next generation of researchers” along
- **URL:** [http://www.foundation4pt.org/wp-content/uploads/2015/04/FINAL\\_Geriatric-Research-Grant-Guidelines\\_04-15-2015.pdf](http://www.foundation4pt.org/wp-content/uploads/2015/04/FINAL_Geriatric-Research-Grant-Guidelines_04-15-2015.pdf)

### **Conference Grants to Advance Collaborative research on Aging Biology (R13)**

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

**Due Dates: 8/12/2015, 12/12/2015, 4/12/2016 (standard due dates apply)**

This Funding Opportunity Announcement (FOA) encourages the submission of conference grant applications in scientific areas that will foster extramural research on the molecular, biochemical, cellular, genetic, and physiological mechanisms underlying normal aging and related pathologies. NIA is particularly interested in promoting and facilitating team science by employing the R13 activity code to allow researchers at all levels of training to come together to exchange ideas, tools and approaches in an effort to increase collaborative research. **PAR-15-265**

- **URL:** <http://grants.nih.gov/grants/guide/pa-files/PAR-15-265.html>

## **Cognitive Neuroscience**

*National Science Foundation (NSF)*

**Due Dates: 8/13/2015, 2/11/2016**

The Cognitive Neuroscience program seeks highly innovative proposals aimed at advancing a rigorous understanding of human cognition, including how the human brain mediates action, affect, creativity, decision making, intentionality, perception, social processes, and thought. Topics may bear on core functions such as attention, emotion, empathy, executive processes, language, learning, memory, music, sensory processing, sleep, representation of self and other, reasoning and rhythm. Topics may also include how human cognition develops and changes in the brain across the lifespan. The program is particularly interested in supporting the development of new techniques and technologies for recording, analyzing, and modeling complex brain activity and human brain mapping. Such projects should include a plan for sharing new software and other technologies with the research community at large. The program is also interested in supporting projects addressing the growing amount of data collected across disparate lab environments, which may require new standardization, curation, and sharing solutions. **PD 15-1699**

- URL: [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5316](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5316)

## **Open Design Tools for Speech Signal Processing (R01)**

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

**Due Date: Letters of Intent 9/1/2015; Applications 10/1/2015**

This Funding Opportunity Announcement (FOA) invites Research Project Grant (R01) applications to develop novel acoustic signal processing algorithms for speech enhancement that employ the substantially greater amounts of computing power likely to be available in future generations of hearing aids, cochlear implants, personal sound processors, and consumer electronic devices. **RFA-DC-16-001**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-DC-16-001.html>

## **NIH Transformative Research Awards (R01)**

*National Institutes of Health (NIH)*

**Due Date: Letters of Intent 9/9/2015; Applications 10/9/2015**

The NIH Transformative Research Awards complement NIH's traditional, investigator-initiated grant programs by supporting individual scientists or groups of scientists proposing groundbreaking, exceptionally innovative, original and/or unconventional research with the potential to create new scientific paradigms, establish entirely new and improved clinical approaches, or develop transformative technologies. Little or no preliminary data are expected. Projects must clearly demonstrate the potential to produce a major impact in a broad area of biomedical or behavioral research. **RFA-RM-15-005**

- **URL:** <http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-15-005.html>

## **MULTIPLE DISCIPLINES**

### **Building Community and Capacity in Data Intensive Research in Education (BCC-HER)**

*National Science Foundation (NSF)*

**Due Date: 9/1/2015**

As part of NSF's Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Education and Human Resources (EHR) seeks to enable research communities to develop visions, teams, and capabilities dedicated to creating new, large-scale, next-generation data resources and relevant analytic techniques to advance fundamental research for EHR areas of research. Successful proposals will outline activities that will have significant impacts across multiple fields by enabling new types of data-intensive research. Investigators should think broadly and create a vision that extends intellectually across multiple disciplines and that includes—but is not necessarily limited to—EHR areas of research. **NSF 15-563**

- **URL:** [http://www.nsf.gov/pubs/2015/nsf15563/nsf15563.htm?WT.mc\\_id=USNSF\\_25&WT.mc\\_ev=click](http://www.nsf.gov/pubs/2015/nsf15563/nsf15563.htm?WT.mc_id=USNSF_25&WT.mc_ev=click)



## **FY2016 Multidisciplinary Research Program of the University Research Initiative (MURI)**

*U.S. Department of Defense (DoD)*

**Due Date: White Papers 9/8/2015; Applications 12/7/2015**

The MURI program supports basic research in science and engineering at U.S. institutions of higher education (hereafter referred to as "universities") that is of potential interest to DoD. The program is focused on multidisciplinary research efforts where more than one traditional discipline interacts to provide rapid advances in scientific areas of interest to the DoD. As defined by the DoD, "basic research is systematic study directed toward greater knowledge or understanding of the fundamental aspects of phenomena and of observable facts without specific applications towards processes or products in mind. It includes all scientific study and experimentation directed toward increasing ONR-15-FOA-0011 3 fundamental knowledge and understanding in those fields of the physical, engineering, environmental, and life sciences related to long-term national security needs. It is farsighted high payoff research that provides the basis for technological progress." (DoD 7000.14.R, vol. 2B, chap.5, para. 050201.B.). DoD's basic research program invests broadly in many specific fields to ensure that it has early cognizance of new scientific knowledge. **ONR-15-FOA-0011**

- **URL:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=277226>

## **SOCIAL & BEHAVIORAL SCIENCES**

### **Biological Anthropology**

*National Science Foundation (NSF)*

**Due Dates: 7/15/2015, 3/16/2016**

The Biological Anthropology Program supports basic research in areas related to human evolution and contemporary human biological variation. Research areas supported by the program include, but are not limited to, human genetic variation, human and nonhuman primate ecology and adaptability, human osteology and bone biology, human and nonhuman primate paleontology, functional anatomy, and primate socioecology. Grants supported in these areas are united by an underlying evolutionary framework, and often by a consideration of adaptation as a central theoretical theme. Many proposals also have a biocultural orientation. The program frequently serves as a bridge within NSF between the social and behavioral sciences and the natural and physical sciences, and proposals commonly are jointly reviewed and funded with other programs. **PD 98-1392**

- **URL:** [http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5407&WT.mc\\_id=USNSF\\_39&mp;WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5407&WT.mc_id=USNSF_39&mp;WT.mc_ev=click)

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## **Social Psychology**

*National Science Foundation (NSF)*

**Due Dates: 7/15/2015, 1/15/2016**

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

- **URL:**[http://www.nsf.gov/funding/pgm\\_summ.jsp?pims\\_id=5712&WT.mc\\_id=USNSF\\_39&mp;WT.mc\\_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5712&WT.mc_id=USNSF_39&mp;WT.mc_ev=click)

## **Research Grants**

*Harry Frank Guggenheim Foundation*

**Due Date: 8/1/2015**

The foundation welcomes proposals from any of the natural and social sciences and the humanities that promise to increase understanding of the causes, manifestations, and control of violence and aggression. Highest priority is given to research that can increase understanding and amelioration of urgent problems of violence and aggression in the modern world. Questions that interest the foundation concern violence and aggression in relation to social change, intergroup conflict, war, terrorism, crime, and family relationships, among other subjects. Research with no relevance to understanding human problems will not be supported, nor will proposals to investigate urgent social problems where the foundation cannot be assured that useful, sound research can be done. Priority will also be given to areas and methodologies not receiving adequate attention and support from other funding sources.

- **URL:** <http://www.hfg.org/rq/guidelines.htm>

## 2015 Distinguished Fellows Program

*William T. Grant Foundation*

**Due Dates: Letters of Intent 8/4/2015, 5/5/2016**

The [William T. Grant Foundation](http://wtgrantfoundation.org) is accepting Letters of Intent for its 2015 Distinguished Fellows program, an annual program designed to increase the supply of, demand for, and use of high-quality research to improve the lives of youth. During the fellowship, researchers immerse themselves in policy or practice settings, while policy makers and practitioners work in research settings. Research projects must be focused on youth between the ages of 5 and 25 in the United States and aim to increase understanding of the programs, policies, and practices that reduce inequality in youth outcomes. Through the program, fellowships of up to \$175,000 will be awarded to allow mid-career policy makers, practitioners, and researchers to work in settings that are outside their traditional roles. Fellowships may range between six months and two years and must amount to a minimum of a half year at the fellowship site(s) over the duration of the project. The foundation also will provide small grants of up to \$25,000 to the fellowship site(s) to defray the costs associated with hosting a fellow. Mid-career policy makers, practitioners, and researchers who are influential within their setting and significantly able to affect attitudes and practices of others working in similar roles and settings are eligible. Support is restricted to researchers seeking to work in policy or practice settings, and policy makers and practitioners seeking to work in research settings. LOIs must be received no later than August 4, 2015. Upon review, selected applicants will be invited to submit a complete application.

- URL: <http://wtgrantfoundation.org/grants#apply-wtgrant-distinguished-fellows>

## Understanding Equality

*William T. Grant Foundation*

**Due Dates: Letters of Intent 8/4/2015, 5/5/2016**

In recent years, inequality in the United States has become increasingly pervasive. At the same time, social mobility has decreased. The [William T. Grant Foundation](http://wtgrantfoundation.org) believes the research community can play a critical role in reversing these trends. To that end, the foundation, which seeks to improve the lives of youth between the ages 5 and 25, has launched a new initiative to support research that advances understanding in the area of inequalities in youth development. Through its new Understanding Inequality program, the foundation will award grants of up to \$600,000 in support of research focused on ways to reduce disparities in academic, behavioral, social, and economic outcomes for youth. Priority will be given to projects related to inequality on the basis of economic, racial/ethnic, and language backgrounds. Research that explores other areas of inequality also will be considered, based on a compelling case for its impact.

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

## STUDENTS

### Linguistics Program – Doctoral Dissertation Research Improvement Awards (Ling-DDRI)

*National Science Foundation (NSF)*

**Due Dates: 7/15/2015, 1/15/2016**

The Linguistics Program supports basic science in the domain of human language, encompassing investigations of the grammatical properties of individual human languages, and of natural language in general. Research areas include syntax, linguistic semantics and pragmatics, morphology, phonetics, and phonology. The program encourages projects that are interdisciplinary in methodological or theoretical perspective, and that address questions that cross disciplinary boundaries, such as (but not limited to):

- What are the psychological processes involved in the production, perception, and comprehension of language?
- What are the computational properties of language and/or the language processor that make fluent production, incremental comprehension or rapid learning possible?
- How do the acoustic and physiological properties of speech inform our theories of language and/or language processing?
- What role does human neurobiology play in shaping the various components of our linguistic capacities?
- How does language develop in children?
- What social and cultural factors underlie language variation and change?

The Linguistics Program does not make awards to support clinical research projects, nor does it support work to develop or assess pedagogical methods or tools for language instruction. **DDRI proposals must be submitted with a principal investigator (PI) and a co-principal investigator (co-PI). The PI must be the advisor of the doctoral student or another faculty member at the U.S. university where the doctoral student is enrolled. The doctoral student must be a co-PI. NSF 14-551**

- URL: <http://www.nsf.gov/pubs/2014/nsf14551/nsf14551.htm>