



Funding Bulletin

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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.

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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/>

LIMITED SUBMISSIONS

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

(1) Postbaccalaureate Research Education Program (PREP) (R25)

National Institutes of Health (NIH)

Due Dates: Internal 3/7/2014; Applications 3/31/2014

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The goal of this NIGMS R25 program is to support educational activities that enhance the diversity of the biomedical, behavioral and clinical research workforce. To this end, this funding opportunity announcement encourages the development of creative educational activities with a primary focus on Research Experiences and Courses for Skills Development. Applications are encouraged from research-intensive institutions that propose to develop recent baccalaureate science graduates from diverse backgrounds underrepresented in biomedical and behavioral sciences so that they have the necessary knowledge and skills to pursue PhD or MD-PhD degrees in these fields. The program provides support for well-designed courses for skills development and extensive research experiences aimed at preparing individuals from diverse backgrounds to complete doctoral degrees. **Only one application per institution is allowed. PAR-14-076**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-14-076.html>

(2) Sustainability Research Networks Competition (SRN) 2014 Focus: Urban Sustainability

National Science Foundation (NSF)

Due Date: Internal 4/1/2014; Proposals 4/29/2014

The goal of the Sustainability Research Networks (SRN) competition is to bring together multidisciplinary teams of researchers, educators, managers, policymakers and other stakeholders to conduct collaborative research that addresses fundamental challenges in sustainability. The 2014 SRN competition will fund research networks with a focus on **urban sustainability**. Proposals should

identify an ambitious and nationally important theme in urban sustainability, present a creative and innovative research agenda that builds upon existing work in this area, and describe how a network of researchers and other stakeholders will be supported that integrates a variety of disciplines, sectors and backgrounds in order to create new perspectives and yield significant new understanding and knowledge. **Limit 3 lead proposals per institution. NSF 14-534**

- **URL:**http://www.nsf.gov/pubs/2014/nsf14534/nsf14534.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

INTERNAL OPPORTUNITIES

Flossie E. West Foundation Award

Wichita State University

Due Date: 3/3/2014

Applications for the Flossie E. West Foundation Award are due to the Office of Research and Technology Transfer by March 3rd at 5:00p.m. The award provides support for research relating to the study and cure of cancer. Awards are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries (grant period May 1, 2014 – April 30, 2015). Funds are restricted to WSU faculty project expenses; all WSU faculty members with research interests in the study of cancer are eligible. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

University Research/Creative Projects (URCA)

Wichita State University

Due Date: 4/4/2014

Applications for the University Research/Creative Projects (URCA) awards are due to the Office of Research and Technology Transfer by April 4th at 5:00p.m. Awards are intended 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 (grant period July 1, 2014 – June 15, 2015). 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

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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 or Campus Box 7.

For more information, visit

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

GENERAL

Twitter Data Grants

Twitter

Due Date: 3/15/2014

Twitter is launching Twitter Data Grants that will award research institutions easy access to unique sets of data collected by Twitter with the help of Gnip, a data reseller partner of the company. Awardees will be able to conduct more comprehensive and rigorous research than is possible with the information the public can access for free, and will also have the opportunity to work with Twitter's engineers and researchers. Institutions interested in competing for these grants should submit proposals by **March 15, 2014**.

- URL: <https://blog.twitter.com/2014/introducing-twitter-data-grants>

Data Infrastructure Building Blocks (DIBBs)

National Science Foundation (NSF)

Due Date: 4/9/2014

NSF's vision for a Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) considers an integrated, scalable, and sustainable cyberinfrastructure as crucial for innovation in science and engineering (see www.nsf.gov/cif21). The Data Infrastructure Building Blocks (DIBBs) program is an integral part of CIF21. The DIBBs program encourages development of robust and shared data-centric cyberinfrastructure capabilities to accelerate interdisciplinary and collaborative research in areas of inquiry stimulated by data. Prospective PIs should be aware that DIBBs is a multi-directorate activity, and are encouraged to submit proposals with broad, interdisciplinary interest. PIs are encouraged to refer to NSF core program descriptions, Dear Colleague Letters, and recently posted initiatives on directorate and divisional home pages to gain insight as to the priorities for the

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relevant area(s) of science and engineering in which their proposal may be responsive. **It is strongly recommended that prospective PIs contact a program officer from the list of Cognizant Program Officers in the organization(s) closest to the major disciplinary impact of the proposed work to ascertain that the scientific focus and budget of the proposed work are appropriate for this solicitation. NSF 14-530**

- URL: <http://www.nsf.gov/pubs/2014/nsf14530/nsf14530.htm>

Fund for Research on Research Integrity

U.S. Department of Health & Human Services (HHS); Office of Research Integrity (ORI)

Due Date: 4/14/2014

Applications are being solicited for competing grant awards for exploratory developmental research projects to foster greater understanding about preventing research misconduct and promoting research integrity. To broaden the scope of research on research integrity, this notice solicits applications in areas of research that have had little if any published data.

- URL: <https://www.grantsolutions.gov/gs/preaward/previewPublicAnnouncement.do?id=18712>

Proposals for Environmental, Education, Human Services Projects

Lawrence Foundation

Due Date: 4/30/2014

The [Lawrence Foundation](#) awards grants to organizations working in the areas of the environment, education, human services, and disaster relief. The foundation awards both program and operating grants with no geographic restrictions to nonprofit organizations that qualify for tax-exempt status under section 501(c)(3) of the Internal Revenue Code, as well as public schools and libraries. International charitable organizations, private foundations, for-profit businesses, individuals, churches, and religious, charter, and magnet schools are not eligible for grants from the foundation, and grants will not be awarded for computer or audiovisual equipment purchases or for music or garden programs (or related equipment). Also ineligible for funding are programs and equipment for physical education, recreation, theater performance, hospices or old age homes, political lobbying activities, and voter registration, as well as dinners, balls, and other ticketed events. For eligibility and application guidelines as well as a list of previous grant recipients, visit the Lawrence Foundation Web site.

- URL: <http://www.thelawrencefoundation.org/grants/guidelines.php>

ARTS & HUMANITIES

2014 Theater Awards Program

Princess Grace Foundation - USA

Due Date: 3/31/2014

The [Princess Grace Foundation-USA](http://www.pqfusa.org) is dedicated to identifying and assisting emerging theater, dance, and film artists who are in the early stages of their careers or professional development. The foundation is currently inviting nominations for its 2014 Theater Grants Program. Grants of up to \$30,000 will be awarded to actors, directors, and costume, set, sound, projection, and lighting designers who have been nominated by artistic directors of theater companies and deans or department chairs of professional schools in theater. Grants are not currently available for composers, lyricists, dramaturgs, managers, or music directors. To be eligible to nominate, professional nonprofit theater companies must employ professional artistic and administrative staff; have been in continuous operation as a nonprofit professional theater company for a minimum of three years; and have held a total of twenty weeks of rehearsal and performances over the previous three years. In addition, theaters must have demonstrated the ability to raise public and other private funds. Visit the Princess Grace Foundation-USA Web site for complete program guidelines and nomination instructions.

- URL: <http://www.pqfusa.org/images/2014%20Theater%20application.pdf>

Fellowships

National Endowment for the Humanities (NEH)

Due Date: 5/1/2014

Fellowships support individuals pursuing advanced research that is of value to humanities scholars, general audiences, or both. Recipients usually produce articles, monographs, books, digital materials, archaeological site reports, translations, editions, or other scholarly resources in the humanities. Projects may be at any stage of development.

- URL: <http://www.neh.gov/grants/research/fellowships>

EDUCATION

Unsolicited Grant Opportunities

Institute of Education Sciences (IES)

Due Date: Preliminary Proposals 3/4/2014

The Institute of Education Sciences (IES) announces its willingness to consider unsolicited applications for research, evaluation, and statistics projects that would make significant contributions to the mission of the organization. IES' mission is to expand fundamental knowledge and understanding of education and to provide education leaders and practitioners, parents and students, researchers, and the general public with unbiased, reliable, and useful information about the condition and progress of education in the United States; about education policies, programs, and practices that support learning and improve academic achievement and access to educational opportunities for all students; and about the effectiveness of Federal and other education programs.

- URL: <http://ies.ed.gov/funding/unsolicited.asp>

Research Fellowships Program

National Institute on Disability and Rehabilitation Research (NIDRR); U.S. Department of Education (ED)

Due Date: 4/14/2014

The purpose of the Research Fellowships Program is to build research capacity by providing support to highly qualified individuals, including those who are individuals with disabilities, to conduct research on the rehabilitation of individuals with disabilities. Fellows must conduct original research in an area authorized by section 204 of the Rehabilitation Act of 1973, as amended. Section 204 authorizes research, demonstration projects, training, and related activities, the purposes of which are to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency, of individuals with disabilities, especially individuals with the most significant disabilities, and to improve the effectiveness of services authorized under the Act. **ED-GRANTS-021314-001**

- URL: <http://www.gpo.gov/fdsys/pkg/FR-2014-02-13/pdf/2014-03214.pdf>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Cyber Security Applied Research & Experimentation Partner

U.S. Department of Defense (DoD); Air Force Research Lab (AFRL); U.S. Army Contracting Command

Due Date: Required white papers 3/5/2014

Notice seeking an Applied Research and Experimentation Partner (AR&EP) for the Cyber CRA. The partner will 1) Research and develop new and innovative approaches and processes to evolve basic (6.1) research results to experimental validation, etc; and 2) Perform applied research into innovative approaches to sufficiently represent the complexity of the Army's cyber domain, its dynamics, and cyber security events in testbeds; and 3) Join and participate in the Cyber CRA as a Consortium member organization and collaborate with the Cyber CRA researchers on the 6.1 (basic) research. **An informational webinar will be held on February 18th, 2014. FON: W911NF-14-R-0001**

- URL: <https://www.fbo.gov/?s=opportunity&mode=form&id=24b087810a2edb1dd950d743f9aef3f4&tab=core&cvview=0>

Secure and Trustworthy Cyberspace: Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS)

National Science Foundation (NSF)

Due Date: 3/26/2014

Cyberspace has transformed the daily lives of people for the better. However, our increasing dependence upon cyberspace has exposed its fragility and vulnerabilities: corporations, agencies, national infrastructure and individuals have been victims of cyber-attacks. In December 2011, the National Science and Technology Council (NSTC) with the cooperation of the National Science Foundation (NSF) issued a broad, coordinated federal strategic plan for cybersecurity research and development ([Trustworthy Cyberspace: Strategic Plan for the Federal Cybersecurity Research and Development Program](#)) to “change the game,” by calling for establishing a science of cybersecurity, transitioning promising cybersecurity research into practice, and bolstering education and training in cybersecurity. The NSF's Secure and Trustworthy Cyberspace (SaTC) program is supportive of this strategic plan. SaTC recognizes that cyberspace will continue to grow and evolve, and that advances in science and engineering will create new “leap-ahead” opportunities expanding cyberspace. It further recognizes that cybersecurity must also grow and co-evolve, and that a secure and trustworthy cyberspace will ensure continued economic growth and future technological innovation. Through this solicitation -- a track within the NSF SaTC program -- NSF and the Semiconductor



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Research Corporation (SRC) are announcing a joint partnership in the area of Secure, Trustworthy, Assured and Resilient Semiconductors and Systems (SaTC: STARSS) focused on research on Design for Assurance. Specifically, NSF and SRC will support research on new strategies for architecture, specification and verification, especially at the stages of design in which formal methods are currently weak or absent, with the aim of decreasing the likelihood of unintended behavior or access, increasing resistance and resilience to tampering, and improving the ability to provide authentication throughout the supply chain and in the field. The SaTC:STARSS solicitation will support proposals of up to \$500,000 in total budget, with durations of up to three years. **NSF 14-528**

- URL: <http://www.nsf.gov/pubs/2014/nsf14528/nsf14528.htm>

Partnership Development Grant (PDG)

Kansas NASA EPSCoR Program (KNEP)

Due Date: 3/28/2014

With support from NASA and the Kansas Board of Regents - the Kansas NASA EPSCoR Program (KNEP) is preparing to award Partnership Development Grants (PDG) to Kansas investigators, under the KNEP Research Infrastructure Development (RID) program. These grants are intended to facilitate the development of beneficial and promising NASA collaborations. The PDG recipient is expected to initiate, develop, and formalize a meaningful professional relationship with a NASA researcher. Given this expectation, it is vital investigators and students travel to a NASA center if selected for an award. Ideally the faculty member, student, and research host become co-participants in a promising research effort. Indeed, the PDG award should lead to sustained collaboration, joint publications, and, most importantly, future grant proposals. Please see the RTT website for additional information.

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

Broadening Participation on Engineering

National Science Foundation (NSF)

Due Date: Pre-Proposals 4/1/2014; Applications 5/1/2014

The Broadening Participation in Engineering (BPE) Program is a Directorate-wide activity to support the development of a diverse and well-prepared workforce of engineering graduates, particularly those with advanced degrees. The BPE Program supports projects to engage and develop diverse teams that can offer unique perspectives and insights to challenges in engineering research and education. It is recommended that all potential investigators contact a cognizant program officer

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before submission through the Broadening Participation Opportunities Track or the Broadening Participation Strategy Track of this program description. **PD 14-7680**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504870

Seed Research Initiation (SRI) Grant

Kansas NASA EPSCoR Program (KNEP)

Due Date: 4/4/2014

With support from NASA and the Kansas Board of Regents - the Kansas NASA EPSCoR Program (KNEP) is preparing to award a Seed Research Initiation (SRI) grant under the KNEP Research Infrastructure Development (RID) program. SRI grants are designed to assist investigators in starting research projects having a high probability for sustained growth and value to NASA and Kansas. A successful SRI grant leads to productive collaborations, joint publications, and additional grant awards. A direct impact on state economic development is also extremely desirable. Ultimately, the goal is to form long-term self-sustaining nationally competitive groups that meet both NASA and Kansas's research infrastructure development goals. Please see the RTT website for additional information.

- URL: <http://webs.wichita.edu/?u=wsuresearchadmin&p=/ORAInternalGrants/externalgrants/>

FY14 Combat Casualty Training Initiative Virtual Tissue Advancement Research Program

Dept. of the Army -- USAMRAA — Department of Defense (DoD)

Due Date: Pre-applications 4/5/2014; Full Applications 6/23/2014

The Combat Casualty Training Initiative (CCTI) Virtual Tissue Advancement Research Program Announcement is being offered for the first time in FY14. It seeks to advance the state of research under the CCTI by advancing the state of virtual tissues for use in surgical and other interventional procedure and skill simulation systems. The CCTI is primarily focused on the research and, ultimately, the development of medical training methods, technologies, systems, and competency assessment tools for the attainment and sustainment of military medical readiness. The CCTI advances these goals through research and development projects related to trauma care, surgical procedures, general surgery, and interventional procedures / skills. The results of this effort are intended to improve the fidelity of virtual reality human tissue and anatomical interactions to further the abilities to construct realistic procedural surgical and interventional training systems. It is anticipated that research will lead to better methods to accurately simulate regional anatomic interactions, aggregated tissues (where different tissues connect and interact with each other), organ and structure interactions, organ physical properties as well as structure and tissue properties (here-in-



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after referred to as 'human tissue'). Research of the human tissue properties should include a prototype online interactive knowledge repository or library. Inclusion of an open access interactive research library prototype as part of the research effort will greatly expand the impact of the research. It is also envisioned that such research will lead to more realistic acting surgical and interventional-type simulations for the purposes of providing superior contact, cutting, dissection, approximation, movement and deformation properties that can be measured graphically and 'haptically' against known and, in some instances, currently unknown physical standards. Open access, open source or open model approaches are highly encouraged. This announcement is not an attempt to rid the art of creating medical models, but to provide the opportunity for developers and end-users to eventually have access to validated human tissues to create models for the purposes of medical training and education. **FON: W81XWH-14-JPC1-VTA**

- **URL:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=251302>

Enhancing Access to the Radio Spectrum (EARS)

National Science Foundation (NSF)

Due Date: 4/18/2014

The National Science Foundation's Directorates for Mathematical and Physical Sciences (MPS), Engineering (ENG), and Computer and Information Science and Engineering (CISE) are coordinating efforts to identify bold new concepts with the potential to contribute to significant improvements in the efficiency of radio spectrum utilization, and in the ability for traditionally underserved Americans to benefit from current and future wireless-enabled goods and services. EARS seeks to fund innovative collaborative research that transcends the traditional boundaries of existing programs, such as research that spans disciplines covered by two or more of the participating NSF directorates. **NSF 14-529**

- **URL:** <http://www.nsf.gov/pubs/2014/nsf14529/nsf14529.htm>

Clean Energy Manufacturing Innovation Institute for Composite Materials and Structures

Golden Field Office — Department of Energy (DoE)

Due Date: Mandatory Concept Paper 4/22/2014; Application 6/19/2014 (Informational Webinar 3/6/2014)

Through this Funding Opportunity Announcement (FOA) The Advanced Manufacturing Office (AMO) of EERE seeks to establish a Clean Energy Manufacturing Innovation Institute for Composites Materials and Structures that will support U.S. prosperity and security; and contribute to the creation

of the pilot National Network for Manufacturing Innovation. The vision for the Institute is to revitalize American manufacturing and support domestic manufacturing competitiveness. The technical topic area for this Institute is low cost, energy efficient manufacturing of fiber reinforced polymer composites. The Institute will target continuous or discontinuous, primarily carbon and glass fiber systems, with thermoset or thermoplastic resin materials. These types of composites are foundational technologies that are broadly applicable and pervasive in multiple industries and markets with potentially transformational technical and economic impact. The full Funding Opportunity Announcement is posted on the EERE Exchange website at <https://eere-exchange.energy.gov>. Applications must be submitted through the EERE Exchange website to be considered for award. The applicant must first register and create an account on the EERE Exchange website. The Users' guide for applying to Department of Energy, Energy Efficiency and Renewable Energy's Funding Opportunity Announcements through the Exchange website can be found at <https://eere-exchange.energy.gov/Manuals.aspx>. Information on where to submit questions regarding the content of the announcement and where to submit questions regarding submission of applications is found in the full FOA posted on the EERE Exchange website. **FON: DE-FOA-0000977**

- **URL:** <https://eere-exchange.energy.gov/#Foald72dc3a64-6537-4d57-b524-e2778bc65e03>

HEALTH & LIFE SCIENCES

COBRE Call for Applications – Pilot Project Program

University of Kansas (KU); NIH Center of Biomedical Research Excellence in Protein Structure & Function (COBRE-PSF)

Due Date: Letters of Intent 3/10/2014; Proposals 4/1/2014

Based on an anticipated COBRE-PSF Renewal, the KU NIH COBRE Center in Protein Structure and Function at the University of Kansas has issued an Advisory Notice of Anticipated Call for Applications. The KU NIH COBRE Center in Protein Structure and Function at KU provides participating investigators with research support, mentoring and access to Core Lab Services in a collegial, collaborative atmosphere. Applications must describe a pilot-type research project that fits well with the scientific theme of the Center and that will make good use of one or more COBRE Core Labs at KU. This competition is open to all full time, tenure-track, or tenured faculty at KU-L, KSU, WSU or KUMC whose research embraces Protein Structure and Function.

Please see the RTT website for additional information.

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



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Innovative life Science Research

Human Frontier Science Program (HFSP)

Due Date: 3/20/2014 (Required Registration); Letters of Intent 3/27/2014; Full Applications September 2014

The [Human Frontier Science Program](#), which supports international collaborations in basic life science research, is inviting grant applications in support of innovative approaches to understanding complex mechanisms of living organisms. HFSP offers two areas of funding — Program grants and Young Investigator grants. Program grants are designed for independent scientists at all stages of their careers, while Young Investigator grants are for members of research teams who are within five years of establishing an independent laboratory and within ten years of obtaining their Ph.D.s. Both provide three years of support for two- to four- member teams, with no more than one member from any one country (unless that is critical for the innovative nature of the project). Applicants are expected to develop novel lines of research distinct from their ongoing research. Awards are dependent on team size; successful teams will receive up to \$450,000 per year. The principal applicant must be located in one of the [HFSP member countries](#), but co-investigators may be located in any country. Once applicants are registered and receive a reference number, they must submit Letters of Intent by March 27, 2014. Applicants will be notified in July 2014 whether they are invited to submit a full application, which will be due in September 2014. For complete program guidelines, an FAQ, and registration instructions, visit the HFSP Web site.

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

Reaching Practicing MCH Professionals in Underserved Areas through Education and Training Program

Health Resources & Services Administration (HRSA) — Department of Health and Human Services (HHS)

Due Date: 3/21/2014

This announcement solicits applications for grant funds to plan, develop, and implement the Reaching Practicing MCH Professionals in Underserved Areas Through Education and Training Program that is designed to address and strengthen the nation's (59 states and jurisdictions) Maternal and Child Health Public Health system by developing the public health workforce through innovative strategies that address the special educational needs of diverse public health professionals who provide MCH public health services in isolated, underserved, communities, including rural and frontier areas, U.S. jurisdictions, and Indian reservations. The Reaching Practicing MCH Professionals in Underserved Areas Through Education and Training Program is dedicated to serving diverse MCH public health professionals in isolated geographic areas of the country who are underserved through traditional education programs and may not otherwise have access to pursue their education. Many challenges

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face rural and isolated MCH professionals, including: 1) The populations that MCH professionals are serving, mothers and children in rural and isolated areas, face health disparities and disparities in access to care compared to the general population (The Health and Well-Being of Children in Rural Areas, September 2011 and The Health and Well-Being of American Indian and Alaska Native Children, 2013); 2) Within evolving public health systems, public health professionals report that they have not received formal training in the skill areas currently required for their positions (http://www.naccho.org/topics/infrastructure/profile/upload/LHD_workforce-Final.pdf); and 3) MCH public health professionals in rural and isolated areas do not have ready access to schools or programs of public health that address their particular needs. This program announcement is designed to provide funding to support innovative solutions to these challenges facing MCH public health professionals in rural and isolated areas. Targeting this training to diverse MCH public health professionals in underserved and isolated geographic areas of the country will help close the gap on availability of quality health care to low income, uninsured, isolated, vulnerable and special needs populations and meet their unique health care needs. Because there are many areas of the country where public health workers lack access to affordable public health training to meet their needs, this program is intended to assist working maternal and child public health professionals to obtain training that focuses on MCH content and skills development while maintaining their responsibilities to their family and work. In particular, this training program is designed for health professionals who are not able to pursue a graduate degree but need more intensive public health education than is provided through short term continuing education events such as webinars. Applicants are required to develop programs that use creative methods to target students/participants who may not otherwise have access to pursue their education. The Reaching Practicing MCH Professionals in Underserved Areas Through Education and Training Program will develop in-depth training tailored to the specific needs of public health professionals. Innovative programs will emphasize flexible schedules; work closely with employers of MCH public health professionals to identify, recruit and select students who would benefit from the acquisition of new or expanded knowledge; and utilize distance methods. The credits received from the Reaching Practicing MCH Professionals in Underserved Areas Through Education and Training Program could be applied to an undergraduate or graduate degree in the future. **HRSA-14-074**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=251295>

2015 Memory and Cognitive Disorders

McKnight Endowment Fund

Due Date: Preliminary Applications 3/24/2014; Applications (invite only) 10/6/2014

The [McKnight Endowment Fund for Neuroscience](#) supports innovative research designed to bring science closer to the day when diseases of the brain can be accurately diagnosed, prevented, and treated. To that end, the fund assists scientists working to apply knowledge achieved through basic

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research to human brain disorders that affect memory or cognition. The McKnight Memory and Cognitive Disorders Award supports programs that address mechanisms of memory or cognition at the synaptic, cellular, and behavioral level in animals, including humans. Each year, up to four awards are given. Awards provide \$100,000 per year for three years and may be used for a variety of research activities, excluding the recipient's salary. Priority is given to proposals that incorporate fundamentally new approaches, as well as those that involve human experimentation. Collaborative and cross-disciplinary applications are encouraged. Investigators who are United States citizens or lawful permanent residents conducting research at institutions within the U.S. are invited to apply. Applicants must be in tenured or tenure-track faculty positions; research faculty in annually renewable positions are ineligible. In mid-June, a small number of applicants will be invited to submit more detailed proposals by October 6, 2014. Complete application and eligibility guidelines are available on the McKnight Endowment Fund for Neuroscience Web site.

- URL: <http://www.neuroscience.mcknight.org//newsroom/upcoming-deadlines/2015-mcd>

Genealogy of Life (GoLife)

National Science Foundation (NSF)

Due Date: 3/26/2014

All of comparative biology depends on knowledge of the evolutionary relationships (phylogeny) of living and extinct organisms. In addition, understanding biodiversity and how it changes over time is only possible when Earth's diversity is organized into a phylogenetic framework. The goals of the Genealogy of Life (GoLife) program are to resolve the phylogenetic history of life and to integrate this genealogical architecture with underlying organismal data. The ultimate vision of this program is an open access, universal Genealogy of Life that will provide the comparative framework necessary for testing questions in systematics, evolutionary biology, ecology, and other fields. A further strategic integration of this genealogy of life with data layers from genomic, phenotypic, spatial, ecological and temporal data will produce a grand synthesis of biodiversity and evolutionary sciences. The resulting knowledge infrastructure will enable synthetic research on biological dynamics throughout the *history* of life on Earth, within *current* ecosystems, and for predictive modeling of the *future* evolution of life. Projects submitted to this program should emphasize increased efficiency in contributing to a complete Genealogy of Life and integration of various types of organismal data with phylogenies. This program also seeks to broadly train next generation, integrative phylogenetic biologists, creating the human resource infrastructure and workforce needed to tackle emerging research questions in comparative biology. Projects should train students for diverse careers by exposing them to the multidisciplinary areas of research within the proposal. **NSF 14-527**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5129&org=NSF&sel_org=NSF&from=fund



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Challenge Grants

Saving Lives at Birth

Due Date: 3/27/2014

[Saving Lives at Birth: A Grand Challenge for Development](#), a joint initiative of the [United States Agency for International Development](#), the government of Norway, the [Bill & Melinda Gates Foundation](#), [Grand Challenges Canada](#), and Britain's [Department for International Development](#), is seeking proposals for groundbreaking prevention and treatment approaches aimed at assisting women and their newborns in poor, hard-to-reach communities around the globe. Through this fourth round of funding, the program will support interventions that increase access to primary health care for women and newborns by at least 50 percent, substantially improve the quality of care as measured by health outcomes, and lead to improved and sustained healthy behavior. The program seeks ideas that can leapfrog conventional approaches in three main domains -- technology, service delivery, and "demand side" innovation -- and empower pregnant women and their families to practice healthy behaviors and access healthcare during pregnancy, childbirth, and the early postnatal period, especially the first two days after birth. Solutions should be "off the beaten track," daring in premise, and clearly differentiated from standard practice; enhance uptake and acceptability and provide for sustained use; enable or provide for low-cost solutions; have a strong likelihood of achieving a substantial impact on one or more important adverse maternal, fetal, or neonatal health conditions; be scalable in resource-poor settings; and be able to be monitored, measured, and evaluated. SLP encourages partnerships that bring together diverse expertise from non-traditional partners. SLB will provide seed grants of up to \$250,000 for up to two years and transition-to-scale grants of up to \$2 million for up to four years. Seed funds are meant to support the development and validation of ideas capable of impacting health outcomes for pregnant women and their babies in low-resource settings. Transition-to-scale grants are designed to support the development, refinement, and rigorous testing of the impact of integrated solutions that have previously measured promising health outcomes in a controlled or limited setting and have the potential to credibly scale to improve the lives of millions of pregnant women and newborns in multiple countries. In addition to funding, awardees will receive support and networking assistance from each of the partners, engage with other innovators, and participate in high-level meetings, including the Gates Foundation's annual Grand Challenge meetings. Proposals are encouraged from all types of organizations, including foreign and domestic for-profit companies, nonprofit organizations, faith-based organizations, foundations, academic institutions, civic groups, regional organizations, and public international organizations. For complete program guidelines, application instructions, an FAQ, and information about previous awardees, see the Saving Lives at Birth Web site.

- URL: <http://www.savinglivesatbirth.net/apply>



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National Rural Health Policy and Community Development Program

Health Resources & Services Administration (HRSA) — Department of Health and Human Services (HHS)

Due Date: 3/31/2014

This announcement solicits applications for the National Rural Health Policy and Community Development Program. The purpose of the program is to develop and maintain projects that will help support rural communities through a broad range of activities which are to: identify and promote national policy issues and promising practices for rural health care providers focused on: quality of care; economic viability; access; workforce (recruitment and retention); and the changing health care environment as it relates to insurance coverage expansion. (2) promote available resources to communities for help in shaping their local health care systems to best meet community need; (3) promote promising practices to help rural communities with quality initiatives; (4) identify and translate the key points from emerging policy issues to rural health care providers, researchers and policymakers; (5) work with state-based entities such as State Offices of Rural Health (SORHs) and State Rural Health Associations (SRHAs) in identifying key rural health challenges, programs and resources that will assist rural communities in addressing these challenges and that will inform the national policy discussions; (6) provide technical assistance to small entities and rural communities for the purpose of improving access to quality rural health services while ensuring a rural perspective is included in national quality forums; (7) provide a forum for rural medical educators and students to share lessons learned to address recruitment and retention challenges; (8) convene policy discussions around emerging rural health access issues and rural leadership in hospitals, clinics and communities vital to the survival of the rural health delivery system; (9) foster the development of rural health systems through the support of rural health networks; (10) expand public awareness of the importance of the economic impact of the health care sector and to stress health care's critical role in rural development while also being able to quantify that impact; (11) support and develop training opportunities and networks for community health workers and promatora models on the U.S./Mexico Border and rural communities; (12) improve rural and underserved communities' access to quality health care through the development of national, state and community based linkages, in support of recruitment and retention efforts; (13) provide support and assistance to grantees from Section 330(a) of the Public Health Service Act in a manner that meets their specific programmatic needs; (14) improve access to care for rural veterans and provide support to veterans seeking careers in the health care sector; and (15) provide support and resources for promoting agriculture health and safety. This cooperative agreement requires an ongoing partnership with significant involvement from ORHP staff in the projects and in the development and implementation of the activities submitted in the work plan. **HRSA-14-080**

- **URL:** <http://www.grants.gov/web/grants/view-opportunity.html?oppld=250871>



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RFA: The Role of Healthcare and Insurance in Improving Outcomes in Cancer Prevention, Early Detection and Treatment

American Cancer Society

Due Date: 4/1/2014

The [American Cancer Society](http://www.cancer.org) has issued a Request for Proposals designed to stimulate research that will generate new knowledge of the effects of the United States healthcare system structure and the role of insurance on both access to and outcomes of cancer screening, early detection, and treatment services. Studies investigating how one or more factors affecting access and outcomes interact — such as insurance status, costs, capacity, personal characteristics, provider characteristics, components of the healthcare delivery system, and other known factors — are encouraged. Studies may be at the state, multistate, or national levels, or otherwise involve large populations. Potential areas of investigation include but are not limited to how the structure and capacity of the healthcare system affects appropriate and timely access to cancer screening, early detection, treatment, and palliative care services; the provider and system factors that affect treatment patterns and quality of cancer care within the current healthcare systems; and the exploration of life course patterns across the entire spectrum of cancer care (from prevention and screening through diagnosis, treatment, survivorship, and supportive/palliative care) by linking diverse data sources for broad patient populations. The program will award grants of up to \$200,000 per year. Projects may not exceed a period of four years, although it is anticipated that most grantees will require no more than two years to complete the research.

- URL: <http://www.cancer.org/research/applyforaresearchgrant/granttypes/rfa-role-healthcare-insurance-cancer>

Dimensions of Biodiversity FY2014

National Science Foundation (NSF)

Due Date: 4/3/2014

The goal of the Dimensions of Biodiversity campaign is to transform, by 2020, how we describe and understand the scope and role of life on Earth. The campaign promotes novel, integrated approaches to identify and understand the evolutionary and ecological significance of biodiversity amidst the changing environment of the present day and in the geologic past. This campaign seeks to characterize biodiversity on Earth by using integrative, innovative approaches to fill the most substantial gaps in our understanding of the diversity of life on Earth. It takes a broad view of biodiversity, and currently focuses on the integration of genetic, taxonomic/phylogenetic, and functional dimensions of biodiversity. Successful proposals should integrate these three dimensions to understand interactions and feedbacks among them. While this focus complements several core

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NSF programs, it differs by requiring that multiple dimensions of biodiversity be addressed simultaneously, in innovative or novel ways, to understand their synergistic roles in critical ecological and evolutionary processes. **NSF 14-525**

- URL: http://www.nsf.gov/pubs/2014/nsf14525/nsf14525.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

BIOTA and Dimensions of Biodiversity 2014

FAPESP São Paulo Research Foundation – National Science Foundation (NSF)

Due Date: 4/3/2014

Under a Scientific Cooperation Agreement between the Fundação de Amparo à Pesquisa do Estado de São Paulo" (FAPESP) and the U.S. National Science Foundation (NSF) FAPESP and NSF make public this joint Call for Proposals and invite interested researchers to submit projects for Scientific Cooperation through their programs, BIOTA (www.fapesp.br/en/4662) and Dimensions of Biodiversity respectively. This Call for Proposals is based in a broader Call for proposals published annually by the NSF Dimensions of Biodiversity's Program, which invites the participation of U.S. researchers to apply for NSF's regular funding or co-funding opportunities under NSF agreements with FAPESP, and Chinese National Natural Science Foundation.

- URL: <http://www.fapesp.br/en/8409>

OSERS: NIDRR: Advanced Rehabilitation Research Training (ARRT) Programs: Health and Function; Employment; Community Living and Participation

Department of Education (ED)

Due Date: 4/14/2014 (Pre-Application meeting 3/6/2014)

The purpose of the Disability and Rehabilitation Research Projects and Centers Program is to plan and conduct research, demonstration projects, training, and related activities, including international activities, to develop methods, procedures, and rehabilitation technology that maximize the full inclusion and integration into society, employment, independent living, family support, and economic and social self-sufficiency of individuals with disabilities, especially individuals with the most severe disabilities, and to improve the effectiveness of services authorized under the Rehabilitation Act of 1973, as amended (Rehabilitation Act). The purpose of NIDRR's ARRT program, which is funded through the Disability and Rehabilitation Research Projects and Centers Program, is to provide advanced research training and experience to individuals with doctorates, or similar advanced degrees, who have

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clinical or other relevant experience. ARRT projects train rehabilitation researchers, including researchers with disabilities, with particular attention to research areas that support the implementation and objectives of the Rehabilitation Act, and that improve the effectiveness of services authorized under the Rehabilitation Act. There is one priority for the three competitions, which will each address one of NIDRR's major domains of individual well-being: (a) Community living and participation, (b) employment, or (c) health and function.

FONs:

ED-GRANTS-021314-004 (Health & Function)

ED-GRANTS-021314-003 (Employment)

ED-GRANTS-021314-002 (Community Living & Participation)

- URL: <http://www.gpo.gov/fdsys/pkg/FR-2014-02-13/pdf/2014-03209.pdf>

Wildlife without Borders – Latin America and the Caribbean FY14

U.S. Department of Fish and Wildlife Service – Department of the Interior

Due Date: 4/15/2014

Spanning Central America, South America and the Caribbean islands, the Latin America and Caribbean region is home to some of the most biologically and culturally rich sites in the world. The region's landscapes host large numbers of endemic species and are primarily threatened by habitat loss and degradation. The biodiversity of Latin America and the Caribbean is at risk due to one of the highest land degradation and deforestation rates in the world, driven by increased demands of a growing global population for food, forest products, land minerals, and energy. Whereas people can be the greatest threat to a region's biodiversity, they are also the most powerful ingredient for conservation when stakeholders are able to work cooperatively toward shared conservation goals that reflect local values, pride, aspirations, and needs. The question is no longer whether to involve key actors at the individual, organizational or group level, but *how*.

Program Goal: Strengthen the capacity of Latin American and Caribbean individuals and institutions to manage and conserve species, habitats, and ecological processes.

Program Objective: Support projects that address one or more of the following three focal areas: (i) threatened landscapes, (ii) threatened species, and (iii) regional training programs. In fiscal year 2014, the *Wildlife Without Borders-Latin America and Caribbean Program* (WWB-LAC) seeks proposals that address the underlying human dimensions of species and ecosystem conservation in the following regions:

- Central America
- Tropical Andes (western Amazon)
- Regional Caribbean projects (defined as two or more countries or islands)

Projects should take place in the above regions of Latin America or the Caribbean. (Please note

that projects in Mexico are administered through the *Wildlife Without Borders – Mexico Program*.)

- URL: <http://www.fws.gov/international/wildlife-without-borders/latin-america-and-the-caribbean/index.html>

MULTIPLE DISCIPLINES

Research and Evaluation on Children Exposed to Violence

National Institute of Justice (NIJ)

Due Date: 4/25/2014

NIJ is seeking multidisciplinary research and evaluation proposals related to childhood exposure to violence. In particular, NIJ seeks applications that address polyvictimization, resilience, or justice system responses to children identified as being exposed to violence. For the purposes of this solicitation, “Children Exposed to Violence (CEV)” encompasses a broad area that includes children as both direct victims and as bystanders or observers of various forms of violence in the home, school, or community (including, but not limited to, peer victimization/bullying/harassment, child maltreatment, domestic violence, and community violence). This solicitation may be used to address other types of violence to which children are exposed, with the exception of media violence (e.g., television and movie violence, music advocating aggression, and violent video games).

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001084.pdf>

NIJ Graduate Research Fellowship Program in Science, Technology, Engineering, and Mathematics

National Institute of Justice (NIJ) — Department of Justice (DOJ)

Due Date: 4/28/2014

The NIJ Graduate Research Fellowship program in science, technology, engineering, and mathematics provides awards for research on crime, violence, and other criminal justice-related topics to accredited academic universities that support graduate study leading to research-based doctoral degrees. NIJ invests in doctoral education by supporting universities that sponsor students who demonstrate the potential to successfully complete doctoral degree programs in disciplines relevant

to the mission of NIJ and who are in the final stages of graduate study. Applicants sponsoring doctoral students are eligible to apply only if the doctoral research dissertation has direct relevance to providing science, technology, engineering, and mathematics to better prevent and control crime and ensure the fair and impartial administration of criminal justice in the United States. Doctoral students in the fields of science, technology, engineering, or mathematics are encouraged to apply. **NIJ-2014-3734**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001079.pdf>

SOCIAL & BEHAVIORAL SCIENCES

Biological Anthropology

National Science Foundation (NSF)

Due Date: 3/17/2014

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&WT.mc_ev=click

David H. and Beverly A. Barlow Grant

American Psychological Foundation (APF)

Due Date: 4/1/2014

Up to \$7,000 to support innovative research, education and intervention efforts that advance psychological knowledge and application in understanding and fostering the connection between behavior and health. Preference will be given to early career psychologists (seven years or less

postdoctoral); pilot projects that, if successful, would be strong candidates for support from major federal and foundation funding agencies; and "demonstration projects" that promise to generalize broadly to similar settings in other geographical areas and/or to other settings.

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

Visionary Grants

American Psychological Foundation (APF)

Due Date: 4/1/2014

The APF Visionary Grants seek to seed innovation through supporting research, education and intervention projects and programs that use psychology to solve social problems in the following priority areas:

- Understanding and fostering the connection between behavior and physical health to ensure well-being.
- Reducing stigma and prejudice to promote unity and harmony.
- Understanding and preventing violence to create a safer, more humane world.
- Supporting programs that address the long-term psychological needs of individuals and communities in the aftermath of disaster.

One-year grants are available in amounts of up to \$20,000.

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

The Drs. Rosalee G. and Raymond A. Weiss Research and Program Innovation Grants

American Psychological Foundation (APF)

Due Date: 4/1/2014

\$1,000 to seed innovation through supporting research, education, and intervention projects and programs. The APF Drs. Rosalee G. and Raymond A. Weiss Research and Program Innovation Grants seek to seed innovation through supporting research, education and intervention projects and programs that use psychology to solve social problems in the following priority areas:

- Understanding and fostering the connection between behavior and physical health to ensure well-being.
- Reducing stigma and prejudice to promote unity and harmony.
- Understanding and preventing violence to create a safer, more humane world.

- Supporting programs that address the long-term psychological needs of individuals and communities in the aftermath of disaster.
- URL: <http://www.apa.org/apf/funding/weiss.aspx>

STUDENTS

NIJ Graduate Research Fellowship Program in Science, Technology, Engineering, and Mathematics

National Institute of Justice (NIJ); U.S. Department of Justice (DOJ)

Due Date: 4/28/2014

The U.S. Department of Justice (DOJ), Office of Justice Programs (OJP), National Institute of Justice (NIJ) is seeking applications for funding to support innovative dissertation research in science, technology, engineering, or mathematics that is relevant to providing solutions to better prevent and control crime and help ensure the fair and impartial administration of criminal justice in the United States. Eligible applicants are limited to degree - granting educational institutions in the United States. Under this solicitation, the applicant institution must apply as the sponsoring institution for the doctoral candidate conducting criminal justice-related research in a discipline relevant to NIJ's mission. **NIJ-2014-3734**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001079.pdf>