



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/>

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.

LIMITED SUBMISSIONS

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

(1) High Performance Computing System Acquisition: Continuing the Building of a More Inclusive Computing Environment for Science and Engineering

National Science Foundation (NSF)

Due Date: Internal 3/31/2014; Applications 5/14/2014

The intent of this solicitation is to request proposals from organizations willing to serve as Resource Providers within the NSF eXtreme Digital (XD) program. The current solicitation is intended to complement previous NSF investments in advanced computational infrastructure by exploring new and creative approaches to delivering innovative computational resources to an increasingly diverse community and portfolio of scientific research and education. NSF's vision for Advanced Computing Infrastructure, which supports Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21), focuses specifically on ensuring that the science and engineering community has ready access to the advanced computational and data-driven capabilities required to tackle the most complex problems and issues facing today's scientific and educational communities. **An organization may submit only one proposal but may be a sub-awardee on other proposals responding to this solicitation. NSF 14-536**

- URL: <http://www.nsf.gov/pubs/2014/nsf14536/nsf14536.htm>

(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

(3) Nanotechnology Undergraduate Education (NUE) in Engineering

National Science Foundation (NSF)

Due Date: Internal 4/14/2014; Applications 5/27/2014

This solicitation aims at introducing nanoscale science, engineering, and technology through a variety of interdisciplinary approaches into undergraduate engineering education. The focus of the FY 2014 competition is on nanoscale engineering education with relevance to devices and systems and/or on the societal, ethical, economic and/or environmental issues relevant to nanotechnology. A well-prepared, innovative science, technology, engineering and mathematics (STEM) workforce is crucial to the Nation's health and economy. Indeed, recent policy actions and reports have drawn attention to the opportunities and challenges inherent in increasing the number of highly qualified STEM graduates, including STEM teachers. Priorities include educating students to be leaders and innovators in emerging and rapidly changing STEM fields as well as educating a scientifically literate populace; both of these priorities depend on the nature and quality of the undergraduate education experience. In addressing these STEM challenges and priorities, the National Science Foundation invests in research-based and research-generating approaches to understanding STEM learning; to designing, testing, and studying curricular change; to wide dissemination and implementation of best practices; and to broadening participation of individuals and institutions in STEM fields. The goals of these investments include: increasing student retention in STEM, to prepare students well to participate in science for tomorrow, and to improve students' STEM learning outcomes. Recognizing disciplinary differences and priorities, NSF's investment in research and development in undergraduate STEM education encompasses a range of approaches. These approaches include: experiential learning, assessment/metrics of learning and practice, scholarships, foundational education research, professional development/institutional change, formal and informal learning environments, and undergraduate disciplinary research. Both individually and integrated in a range of combinations, these approaches can lead to outcomes including: developing the STEM and STEM-related workforce, advancing science, broadening participation in STEM, educating a STEM-literate populace, improving K-12 STEM education, encouraging life-long learning, and building capacity in higher education. **Only one proposal per institution is allowed. NSF 14-541**

- **URL:**http://www.nsf.gov/pubs/2014/nsf14541/nsf14541.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

(4) Scalable Nanomanufacturing (SNM)

National Science Foundation (NSF)

Due Date: Internal 5/1/2014; Applications 6/16/2014

This solicitation is seeking high-risk/high-reward research and education proposals. Its focus is on nanomanufacturing challenges and societal and educational issues associated with continuing advances in nanomanufacturing and the ensuing increasing use of nanoscale materials, devices and systems. All proposals should clearly state what roadblocks to scale-up exist and what new approach or approaches will be investigated to overcome those roadblocks. The scientific and technological barriers to commercialization, in terms of production rate, throughput, quality, reproducibility, yield and cost should be addressed in the proposal. **An academic institution – a university, or a campus in a multi-campus university -- may submit no more than one (1) proposal on which it is the lead organization in response to this solicitation. The same organization may be a collaborative partner in any number of other multi-organization group proposals in which it is not the lead. NSF 14-544**

- URL: http://www.nsf.gov/pubs/2014/nsf14544/nsf14544.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

INTERNAL OPPORTUNITIES

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 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 reestablish 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=/ORAIInternalGrants/ORAIInternalGrants/>

GENERAL

Research Associateship Programs

National Research Council (NRC)

Due Dates: 5/1/2014, 8/1/2014, 11/1/2014, 2/1/2015

The National Research Council has conducted the Research Associateship Programs in cooperation with sponsoring federal laboratories and other research organizations approved for participation since 1954. Through a national competition, the NRC recommends and makes Research Associateship awards to outstanding scientists and engineers, at the postdoctoral and senior levels, for tenure as guest researchers at the participating laboratories. A limited number of opportunities are available for support of graduate students in select fields. The objectives of the Research Associateship Programs are (1) to provide postdoctoral and senior scientists and engineers of unusual promise and ability opportunities for research on problems, largely of their own choice that are compatible with the interests of the sponsoring laboratories and (2) to, thereby, contribute to the overall efforts of the laboratories. For recent doctoral graduates, the Research Associateship Programs provide an opportunity for concentrated research in association with selected members of the permanent professional laboratory staff. For established scientists and engineers, the Research Associateship Programs afford an opportunity for research without the interruptions and distracting assignments of permanent career positions. Participating laboratories receive a stimulus to their programs by the presence of bright, highly motivated, recent doctoral graduates and by senior investigators with established records of research productivity. New ideas, techniques, and approaches to problems contribute to the overall research climate of the laboratories. Indirectly, Associateships also make available to the broader scientific and engineering communities the excellent and often unique research facilities that exist in the sponsoring laboratories. Supports basic and applied research by graduate students, recent Ph. D.s and senior researchers at federal laboratories and research facilities. Stipends support research in chemistry; earth and atmospheric sciences; engineering and applied sciences; biological, health and behavioral sciences; neuroscience; biotechnology; math; space and planetary sciences; and physics. Annual deadlines: 2/1, 5/1, 8/1, 11/1. Not all laboratories participate in all four rounds. See <http://sites.nationalacademies.org/PGA/RAP/> for details.

- URL: http://sites.nationalacademies.org/PGA/RAP/PGA_046398

Research Opportunities in Space and Earth Sciences – 2014 (ROSES-2014)

National Aeronautics and Space Administration (NASA)

Due Date: 5/1/2014

This National Aeronautics and Space Administration (NASA) Research Announcement (NRA), entitled Research Opportunities in Space and Earth Sciences (ROSES)–2014, solicits basic and applied research in support of NASA’s Science Mission Directorate (SMD). This NRA covers all aspects of basic and applied supporting research and technology in space and Earth sciences, including, but not limited to: theory, modeling, and analysis of SMD science data; aircraft, scientific balloon, sounding rocket, International Space Station, CubeSat and suborbital reusable launch vehicle investigations; development of experiment techniques suitable for future SMD space missions; development of concepts for future SMD space missions; development of advanced technologies relevant to SMD missions; development of techniques for and the laboratory analysis of both extraterrestrial samples returned by spacecraft, as well as terrestrial samples that support or otherwise help verify observations from SMD Earth system science missions; determination of atomic and composition parameters needed to analyze space data, as well as returned samples from the Earth or space; Earth surface observations and field campaigns that support SMD science missions; development of integrated Earth system models; development of systems for applying Earth science research data to societal needs; and development of applied information systems applicable to SMD objectives and data.

- URL: <http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={5924CEB3-4EB7-FEF1-C85B-DD5745C1331C}>

Measurement Science and Engineering (MSE) Research Grant Programs

National Institute of Standards and Technology (NIST) — Department of Commerce (DoC)

Due Date: Applications accepted on a continual basis

NIST is soliciting applications for financial assistance for Fiscal Year 2014 (FY14) under the following programs: (1) the Material Measurement Laboratory (MML); (2) the Physical Measurement Laboratory (PML); (3) the Engineering Laboratory (EL); (4) Fire Research (FR); (5) the Information Technology Laboratory (ITL); (6) the NIST Center for Neutron Research (NCNR); (7) the Center for Nanoscale Science and Technology (CNST); (8) the Office of Special Programs (OSP), and (9) the Associate Director for Laboratory Programs (ADLP). Specifics of these programs are detailed in the Full Announcement/FFO document. This funding opportunity will result in the award of grants or cooperative agreements. A grant or cooperative agreement is not the correct funding vehicle if the principal purpose is to provide products or services for the direct benefit or use of the federal government. **2014-NIST-MSE-01**

- URL: <http://www.grants.gov/>

ARTS & HUMANITIES

Guest Artists Program

Stage Directors and Choreographers Foundation (SDCF)

Due Date: 5/1/2014

The [Stage Directors and Choreographers Workshop Foundation](#) has issued a Request for Proposals for its SDCF Guest Artist Initiative, a grant program for American colleges and universities that provides support for the hiring of professional stage directors and choreographers as guest artists. The program will award up to \$6,000 to be shared by at least two American colleges or universities for stage productions to be chosen by a SDCF panel of professional directors and choreographers, arts administrators, and college educators. To be eligible, the project must be produced by an American college or university located in the United States, be mounted by December 31, 2015, and be fully funded. See the SDCF Web site for complete program guidelines and application instructions.

- URL: <http://sdcfoundation.org/qai-2014-request-for-proposals/>

Arthur Flagler Fultz Award

America Music Therapy Association (AMTA)

Due Date: 5/2/2014

The American Music Therapy Association, a professional association dedicated to the progressive development of the therapeutic use of music in rehabilitation, special education, and community settings, is accepting applications for the annual Arthur Flagler Fultz Award. The award program is designed to encourage, promote, and fund music therapy research and the exploration of new and innovative music therapy treatments. The fund supports research in the field of music therapy, with a focus on clinical research and health services research.

- URL: <http://www.musictherapy.org/research/fultz/>

Challenge America Fast-Track, FY 2015

National Endowment for the Arts (NEA)

Due Date: 5/8/2014

The Challenge America Fast-Track category offers support primarily to small and mid-sized organizations for projects that extend the reach of the arts to underserved populations -- those

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whose opportunities to experience the arts are limited by geography, ethnicity, economics, or disability. Age alone (e.g., youth, seniors) does not qualify a group as underserved; at least one of the underserved characteristics noted above also must be present. Grants are available for professional arts programming and for projects that emphasize the potential of the arts in community development.

This category encourages and supports the following two outcomes:

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

Partnerships can be valuable to the success of these projects. While not required, applicants are encouraged to consider partnerships among organizations, both in and outside of the arts, as appropriate to their project. **FON: 2014NEA01CAFT**

- **URL:** <http://arts.gov/grants-organizations/challenge-america-fast-track>

EDUCATION

Teacher Action Research Grant

National Council of Teachers of Mathematics (NCTM)

Due Date: 5/2/2014

The National Council of Teachers of Mathematics is inviting proposals from teachers for collaborative action research projects involving university faculty, pre-service teachers, and classroom teachers seeking to improve their understanding of mathematics in preK-8 classrooms. Primary emphasis will be placed on collaboration among a team of researchers consisting of university faculty, elementary/middle school teachers, and pre-service teachers from the undergraduate ranks. The research should be designed, implemented, and completed with a focus on enhancing the teaching and/or learning of preK-8 mathematics. *This grant is awarded to an individual. The award must be reported to the Internal Revenue Service, and it is subject to federal income taxes. A Form 1099 will be sent to the grant recipient at the end of the calendar year.*

- **URL:** <http://www.nctm.org/resources/content.aspx?id=15479>

Professional Development for Arts Educators

U.S. Department of Education (ED)

Due Date: 5/19/2014

The Professional Development for Arts Educators (PDAE) program supports the implementation of high-quality model professional development programs in elementary and secondary education for music, dance, drama, media arts, or visual arts, including folk arts, for educators and other arts instructional staff of kindergarten through grade 12 students in high-poverty schools. The purpose of this program is to strengthen standards-based arts education programs and to help ensure that all students meet challenging State academic content standards and challenging State student academic achievement standards in the arts. **ED-GRANTS-031814-001**

- URL: <http://www.grants.gov/web/grants/view-opportunity.html?oppld=252659>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

A.2 Fixed Wing Project (FW1) – NASA ARMD Research Opportunities in Aeronautics

National Aeronautics and Space Administration (NASA)

Due Date: Notice of Intent 4/3/2014; Proposals 5/7/2014

NASA's Fixed Wing (FW) Project is one of four projects in the Fundamental Aeronautics (FA) Program. The FA Program conducts research that generates innovative concepts, tools, technologies, and knowledge to enable revolutionary advances for a wide range of air vehicles to help them fly faster, cleaner, quieter, and with better fuel efficiency than current aircraft. For more information, go to: <http://www.aeronautics.nasa.gov/fap>. The FW Project addresses the challenge of revolutionary energy efficiency improvements for subsonic commercial transport aircraft combined with dramatic reductions in harmful emissions and perceived community noise to facilitate sustained growth of the air transportation system. FW Project research explores and develops technologies and concepts to enable revolutionary advances in vehicle and propulsion system energy efficiency and environmental compatibility; tool development activities are pursued where they are enablers for specific technologies and concepts. While the FW Project's emphasis is on subsonic commercial transport aircraft (passengers and cargo), it is recognized that there is significant synergy with the goals of military aircraft systems, although specific mission requirements and design trades will be different. It is also recognized that aircraft energy efficiency and environmental compatibility goals must be met in the context of other goals and constraints including, but not limited to, safety, economics, and

operations in the next generation air transportation system. NASA and the FW Project have used extensive systems analyses and technology studies to guide the development of time-phased aircraft system-level metrics for subsonic transports (Table 1), and to identify key enabling technologies and supporting technology roadmaps that inform research portfolio decisions. The metrics address noise, emissions, and energy consumption for the near-term 2015 (N+1), mid-term 2020 (N+2), and far-term 2025 (N+3) timeframes. These extensive system and technology studies suggest that both advanced conventional and unconventional aircraft system and subsystem technology concepts share many similarities and common needs. Most technologies are broadly applicable to many aircraft concepts, while some are uniquely enabling to specific concepts. Advances are required in aerodynamic efficiency to reduce drag, structural efficiency to reduce aircraft empty weight, and propulsive and thermal efficiency to reduce thrust-specific energy consumption without increasing harmful emissions. Advances are also required to reduce perceived community noise without adversely affecting performance. Eventually, these advances will be tradable in an expanded design space for overall system benefit to meet specific market-driven requirements.

- **URL:**<http://nspires.nasaprs.com/external/solicitations/summary.do?method=init&solId={C4A04E1D-FA84-894D-0624-A845CEC19464}&path=init>

Cyber-Physical Systems (CPS)

National Science Foundation (NSF)

Due Dates: 6/2/2014, 12/15/2014

The goal of the CPS program is to develop the core system science needed to engineer complex cyber-physical systems upon which people can depend with high confidence. The program aims to foster a research community committed to advancing research and education in CPS and to transitioning CPS science and technology into engineering practice. By abstracting from the particulars of specific systems and application domains, the CPS program seeks to reveal cross-cutting fundamental scientific and engineering principles that underpin the integration of cyber and physical elements across all application sectors. To expedite and accelerate the realization of cyber-physical systems in a wide range of applications, the CPS program also supports the development of methods, tools, and hardware and software components based upon these cross-cutting principles, along with validation of the principles via prototypes and testbeds. **NSF 14-542**

Three types of research and education projects -- differing in scope and goals -- will be considered through this solicitation:

- **Breakthrough** projects must offer a significant advance in fundamental CPS science, engineering and/or technology that has the potential to change the field. This category focuses on new

approaches to bridge computing, communication, and control. Funding for Breakthrough projects may be requested for a total of up to \$500,000 for a period of up to 3 years.

- **Synergy** projects must demonstrate innovation at the intersection of multiple disciplines, to accomplish a clear goal that requires an integrated perspective spanning the disciplines. Funding for Synergy projects may be requested for a total of \$500,001 to \$1,000,000 for a period of 3 to 4 years.
- **Frontier** projects must address clearly identified critical CPS challenges that cannot be achieved by a set of smaller projects. Funding may be requested for a total of \$1,000,001 to \$7,000,000 for a period of 4 to 5 years.
- **URL:**http://www.nsf.gov/pubs/2014/nsf14542/nsf14542.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Workforce Program in the Mathematical Sciences

National Science Foundation (NSF)

Due Date: 6/15/2014

The long-range goal of the DMS Workforce Program is to increase the number of well-prepared U.S. citizens, nationals, and permanent residents who successfully pursue careers in the mathematical sciences and in other NSF-supported disciplines. Among intermediate goals to this end are improvements in recruitment, retention, education, and placement of trainees in the mathematical sciences. The program's primary interest is in activities centered on education through research involvement for trainees at the undergraduate through postdoctoral educational levels. Activities that broaden participation in the mathematical sciences are of significant interest to the Division of Mathematical Sciences. **PD 08-7335** The program is particularly interested in activities that improve:

- recruitment and retention: increasing the number and diversity of U.S. students who successfully pursue undergraduate and graduate degrees in mathematics and statistics;
- educational breadth: broadening graduate education and undergraduate education content in the mathematical sciences to prepare students for a wider range of career opportunities; and
- professional development: enhancing the professional skills of mathematical sciences postdoctoral associates, graduate students, and undergraduate students to better prepare them for both academic and nonacademic employment.
- **URL:**http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503233&org=MPS&sel_org=MPS&form=fund

DARPA Strategic Technology Office (STO) Broad Agency Announcement

Defense Advanced Research Projects Agency (DARPA)

Due Date: 6/18/2014

DARPA is seeking innovative ideas and disruptive technologies that offer the potential for significant capability improvement across the Strategic Technology Office (STO) focus areas. This includes system and technology development related to Battle Management (BM), Command and Control (C2), Communications, Intelligence, Surveillance, and Reconnaissance (ISR), Electronic Warfare (EW), and Positioning, Navigation and Timing (PNT). Technologies of particular interest would address challenges of operating in contested, denied, and/or austere environments. **DARPA-BAA-13-29**

- **URL:** <https://www.fbo.gov/index?s=opportunity&mode=form&id=4bca4f0ac43c5c052ccd8178361cfa1e&tab=core&cvview=1>

Information Innovation Office (I2O) Office-Wide BAA

Defense Advanced Research Projects Agency (DARPA)

Due Date: 6/25/2014

The Defense Advanced Research Projects Agency (DARPA) is soliciting innovative research proposals of interest to the Information Innovation Office (I2O). Proposed research should investigate innovative approaches that enable revolutionary advances in science, devices, or systems. Specifically excluded is research that primarily results in evolutionary improvements to the existing state of the art. I2O seeks unconventional approaches that are outside the mainstream, undertaking directions that challenge assumptions and have the potential to radically change established practice. **DARPA-BAA-13-32**

- **URL:** <https://www.fbo.gov/index?s=opportunity&mode=form&id=9a7be9413972ca4b3096971dae99db09&tab=core&cvview=0>

HEALTH & LIFE SCIENCES

Future of Nursing Scholars Program

Robert Wood Johnson Foundation (RWJF)

Due Date: 4/15/2014

The goal of the [Robert Wood Johnson Foundation](#)'s Future of Nursing Scholars program is to develop the next generation of Ph.D.-prepared nurse leaders who are committed to long-term leadership careers that advance science and discovery, strengthen nursing education, and bring transformational change to nursing and health care. The program is part of the foundation's [Human Capital Portfolio](#), which aims to ensure the nation has a diverse, well-trained workforce and that everyone has access to affordable, quality health care. To that end, the program will support up to ten scholars at selected schools, with each scholar receiving \$75,000 over three years. The award must be matched by \$50,000 in support (cash or in-kind) from the scholar's institution. Schools with research-focused Ph.D. programs in nursing are eligible to apply. The school will then choose the Ph.D. student(s) to be designated a Future of Nursing Scholar. All participants in the program must be committed to completing their Ph.D. program in three years. Program alumni who plan to obtain a faculty position immediately upon graduation will be eligible to apply for a one-year postdoctoral award. It is expected that program participants will form long-lasting relationships and networks with other scholars in this and other RWJF programs, situating them as a formidable group of healthcare leaders in the future. Complete application and eligibility guidelines are available from the Robert Wood Johnson Foundation Web site.

- URL: http://www.rwjf.org/en/grants/calls-for-proposals/2014/future-of-nursing-scholars.html?cid=xem_a8019

Grants-in-Aid

Whitehall Foundation

Due Date: Letters of Intent 4/15/2014; Applications 9/1/2014

The Grants-in-Aid program is designed for researchers at the assistant professor level who experience difficulty in competing for research funds because they have not yet become firmly established. Grants-in-Aid can also be made to senior scientists. All applications will be judged on the scientific merit and innovative aspects of the proposal, as well as on past performance and evidence of the applicant's continued productivity. Grants-in-Aid are awarded for a one-year period and do not exceed \$30,000.

- URL: <http://www.whitehall.org/grants/>

Gut-Brain Interactions and Treatment of Autism-Associated GI Disorders

Autism Speaks

Due Date: Letters of Intent 4/16/2014

[Autism Speaks](#) has issued a request for applications for research that advances understanding of gastrointestinal involvement in autism, along with associated therapies. Grants of up to \$500,000 will be awarded to support clinical (patient-centered) research that advances understanding of the relationship between gut processes, brain function, and autism symptoms; development of medical guidelines for evaluating individuals with autism for GI problems and other medical conditions that may be causing new behavioral challenges; interventions that can correct or improve abnormal gut microflora or gut inflammation in those with autism; GI treatments that improve autism symptoms and brain function; understanding of how autism and its associated medical conditions can affect an individual's nutritional health; and understanding of the mechanisms that link GI and nervous system processes in individuals with autism. Eligible investigators must hold full-time tenured or tenure-track faculty appointments or the equivalent full-time non-tenure-track appointments at an accredited academic, medical, or research institution. Letters of Intent must be received no later than April 16, 2014. Selected applicants will be invited to submit full applications by June 18, 2014. Visit the Autism Speaks Web site for complete program guidelines and application instructions.

- **URL:** <http://www.autismspeaks.org/science/science-news/autism-speaks-announces-unprecedented-investment-gut-brain-research>

Agriculture and Food Research Initiative - Childhood Obesity Prevention

National Institute of Food and Agriculture (NIFA) — Department of Agriculture (USDA)

Due Date: Letters of Intent 4/17/2014; Applications 6/19/2014

This Challenge Area Focuses on the societal challenge to end obesity among children, the number one nutrition-related problem in the US. Food is an integral part of the process that leads to obesity and USDA has a unique responsibility for the food system in the United States. This program is designed to achieve the long-term outcome of reducing the prevalence of overweight and obesity among children and adolescents 2-19 years. The Childhood Obesity Prevention Program supports Multi-function Integrated Research, Education, and/or Extension Projects and Food and Agricultural Science Enhancement (FASE) Grants. **USDA-NIFA-AFRI-004492**

- **URL:** http://www.nifa.usda.gov/funding/rfas/pdfs/14_afri_child_obesity.pdf



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Scholarship Awards Program

National League for Nursing (NLN) Foundation for Nursing Education

Due Date: 4/30/2014

The mission of the [NLN Foundation for Nursing Education](http://www.nlnfoundation.org) is to raise, steward, and distribute funds that promote excellence in nursing education. To that end, the NLN Foundation Scholarship Awards program supports the goal of attracting more seasoned and ethnically diverse nurses to become nurse educators. Scholarships of up to \$8,000 will be awarded to assist in the completion of graduate education, which could include tuition assistance, support for a dissertation or thesis, or travel to an onsite internship or class. To be eligible, applicants must be nurses pursuing an advanced degree in preparation for a career as a full-time academic nurse educator. Applicants also must be an NLN member, either as a dues-paying individual or through their schools' NLN membership program. For complete program guidelines and application instructions, visit the NLN Foundation Web site.

- URL: http://www.nlnfoundation.org/scholarship_awards.cfm

2015 Research Program

March of Dimes

Due Date: Letters of Intent 4/30/2014

The [March of Dimes](http://www.marchofdimes.com) invites applications from principal investigators for research grants relevant to its mission of helping moms have full-term pregnancies and supporting research on problems that threaten the health of babies. The latter includes biological processes governing differentiation and development, genetics and genomics of these processes, clinical studies, reproductive health and environmental toxicology, and social and behavioral studies concerning cognitive and behavioral risks that affect pregnancy outcomes, the perinatal period, and subsequent child development. Grants do not ordinarily cover the principal investigator's or other faculty members' salaries, but they do provide salary support for technical help. Grants usually are awarded for a three-year period but may be for less if appropriate. To be eligible, applicants must be scientists with faculty appointments or the equivalent at a university, hospital, or nonprofit research institution. Letters of Intent must be received no later than July 15, 2014, with full applications due by September 15, 2014. For complete program guidelines and application instructions, visit the March of Dimes Web site.

- URL: <http://www.marchofdimes.com/materials/research-program-request-for-proposals.pdf>



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RESEARCH AND
TECHNOLOGY TRANSFER

Post-Ph.D. Research Grants

The Wenner-Gren Foundation

Due Date: 5/1/2014, 11/1/2014

Post-Ph.D. Research Grants are awarded to individuals holding a Ph.D. or equivalent degree to support individual research projects. The program contributes to the Foundation's overall mission to support basic research in anthropology and to ensure that the discipline continues to be a source of vibrant and significant work that furthers our understanding of humanity's cultural and biological origins, development, and variation. The Foundation supports research that demonstrates a clear link to anthropological theory and debates, and promises to make a solid contribution to advancing these ideas. There is no preference for any methodology, research location, or subfield. The Foundation particularly welcomes proposals that employ a comparative perspective, can generate innovative approaches or ideas, and/or integrate two or more subfields.

- URL: <http://www.wennergren.org/programs/post-phd-research-grants>

Hunt Postdoctoral Fellowships

The Wenner-Gren Foundation

Due Date: 5/1/2014

Hunt Postdoctoral Fellowships support the writing-up of already completed research. The fellowship is awarded to scholars in the earlier stages of their careers, when they frequently lack the time and resources to develop their research for publication. Scholars with a Ph.D. in hand for no more than ten years (from the application deadline) are eligible to apply. A maximum of eight Hunt Postdoctoral Fellowships are awarded annually. By providing funds for scholars to devote themselves full-time to writing, the Foundation aims to enable a new generation of scholars to publish significant works that will impact the development of anthropology. The program contributes to the Foundation's overall mission to support basic research in anthropology and to ensure that the discipline continues to be a source of vibrant and significant work that furthers our understanding of humanity's cultural and biological origins, development, and variation. The Foundation supports research that demonstrates a clear link to anthropological theory and debates, and promises to make a solid contribution to advancing these ideas. There is no preference for any methodology, research location, or subfield. The Foundation particularly welcomes proposals that employ a comparative perspective, can generate innovative approaches or ideas, and/or integrate two or more subfields.

- URL: <http://www.wennergren.org/programs/hunt-postdoctoral-fellowships>

Institutional Development Grant (IDG)

The Wenner-Gren Foundation

Due Date: Preliminary Inquiry 5/15/2014; Application 9/15/2014

The **Institutional Development Grant (IDG)** supports the growth and development of anthropological doctoral programs in countries where the discipline is under-represented and where there are limited resources for academic development. The grant provides \$25,000 per year and is renewable for a maximum of five years providing a total of \$125,000. The grant may be used for any purpose that contributes to the development goals of the applicant department. These may include, but are not limited to, things such as staff/faculty or student training activities, networking activities, student fellowships, staff/faculty or student exchange programs with partnership institutions, the acquisition of equipment, library materials and other resources, etc.

- URL: <http://www.wennergren.org/programs/institutional-development-grants>

2014 Advancing Academic-Research Careers (AARC) Awards

American Speech-Language-Hearing Association (ASHA)

Due Date: 5/15/2014

The [American Speech-Language-Hearing Association](#) is a national professional, scientific, and credentialing association for audiologists, speech-language pathologists, audiology and speech-language pathology support personnel, speech, language, and hearing scientists, and students. ASHA's Advancing Academic-Research Careers Award is intended to support the academic-research careers of junior-level faculty in the field of communication science and disorders. The award funds proposals that include both a teaching and a research component. In 2014, two awards will be dedicated to applications that focus on mentored activities related to both the teaching and conduct of clinical practice research for the prevention, diagnosis, treatment, implementation, and outcomes measurement of communication, swallowing, and balance disorders. Applicants must work in conjunction with a mentor to develop mentored teaching and research plans tailored to the applicant's career stage. The plans — which should propose specific teaching and research activities to be completed under the guidance of the mentor during the eighteen-month funding period — are submitted as part of the AARC application. Examples of acceptable mentored-teaching activities include learning new teaching or mentoring techniques; attending or presenting at a conference on the scholarship of teaching and learning; leading a mentoring program such as a journal club; incorporating theories of teaching/learning into courses; incorporating contemporary technologies (e.g., social media, telepractice) or instrumentation (e.g., fMRI) into coursework and student mentoring; and developing new curricula or unique learning opportunities (e.g., problem-based learning, interprofessional education, distance learning, or student research opportunities).

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Examples of acceptable mentored-research activities include learning a new research methodology or technique; attending or presenting at a research conference; participating in a training course on data analysis; training in another research lab; preparing a research manuscript or grant application; and conducting a feasibility study or collecting pilot data. Up to six awards of \$5,000 each will be awarded in 2014. To be eligible, all applicants must have a research doctoral degree (Ph.D. or equivalent); a full-time tenure or non-tenure track faculty appointment in a CSD department in an academic institution in the United States at the time of disbursement; primary responsibilities that include teaching and conducting research; and fewer than six years of teaching/research experience or status below the level of associate professor. For complete program guidelines and application instructions, visit the ASHA Web site.

- URL: <http://www.asha.org/students/AARC-Award/>

MULTIPLE DISCIPLINES

Bioengineering Research Partnerships (BRP) (R01)

National Institutes of Health (NIH)

Due Date: 5/20/2014, 9/18/2014

This Funding Opportunity Announcement (FOA) encourages bioengineering applications that will accelerate the development and adoption of promising tools and technologies that can address important biomedical research problems. The objectives are to establish these tools and technologies as robust, well-characterized solutions that fulfill an unmet need and are capable of enhancing our understanding of life science processes or the practice of medicine. Awards will focus on supporting multidisciplinary teams that apply an integrative, quantitative bioengineering approach to developing these technologies and engage biomedical researchers or clinicians throughout the project. The goal of the program is to support projects that can realize meaningful solutions within 5-10 years. **PAR-14-092**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-14-092.html>

NIDCD Research Grants for Translating Basic Research into Clinical Tools (R01)

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

Due Dates: (Option Letters of Intent due 30 days prior to application deadline) 6/23/2014, 2/23/2015, 10/23/2015

Notice seeks applications which translate basic research findings into clinical tools for better human health in the NIDCD mission areas of hearing, balance, smell, taste, voice, speech and language. Activities to encourage translation of basic research findings which will impact the diagnosis, treatment and prevention of communication disorders are encouraged. Multi-institutional, multi-disciplinary, and academic-industrial collaborations studies are encouraged. Health services/outcome studies, the extension of ongoing clinical research studies, the optimization of current clinical protocols, or pre-translational studies will not be funded. **PAR-14-009**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-14-009.html>

SOCIAL & BEHAVIORAL SCIENCES

Data Resources Program 2014: Funding for Analysis of Existing Data

National Institute of Justice (NIJ)

Due Date: 5/5/2014

A partnership consisting of NIJ, BJS, and OJJDP will be seeking applications for original research using existing data available from the National Archive of Criminal Justice Data (NACJD) and other public sources. NACJD houses quantitative and qualitative data from research funded by these three agencies. NACJD is maintained by the Inter-University Consortium for Political and Social Research at the University of Michigan and is supported by NIJ, BJS, and OJJDP. NIJ, BJS, and OJJDP sponsor data sets covering a wide range of juvenile and criminal justice topics. Most of these data sets are available at NACJD, although some data may be available from other agency websites. The Data Resources Program (DRP) will primarily intend to support secondary analysis to inform juvenile and criminal justice policy and practice in the United States. **NIJ-2014-3726**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001103.pdf>

Initiative on Understanding Inequality

William T. Grant Foundation

Due Date: 5/6/2014

In recent years, inequality in the United States has become increasingly pervasive. At the same time, prospects for social mobility have declined. The [William T. Grant Foundation](http://www.wtgrantfoundation.org) believes that the research community can play a critical role in reversing this trend. To that end, the foundation, which seeks to improve the lives of youth between the ages of 5 and 25, has launched a new research initiative to support projects that advance understanding in the area of inequality in youth development. Through its new Understanding Inequality program, the foundation will award grants of up to \$600,000 in support of research that focuses on ways to reduce disparities in the academic, behavioral, social, and economic outcomes among 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 will be considered based on a compelling case for its impact. To be eligible, organizations must be considered tax exempt under Section 501(c)(3) of the Internal Revenue Code. See the William T. Grant Foundation Web site for complete program guidelines, application instructions, and an FAQ.

- **URL:**http://www.wtgrantfoundation.org/funding_opportunities/research_grants/reducing-inequality

Silvio O. Conte Center for Basic or Translational Mental Health Research (P50)

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

Due Dates: 5/25/2014 (Letters of Intent due 30 days prior to the application due date)

This Funding Opportunity Announcement (FOA) invites applications for Silvio O. Conte Centers for Basic or Translational Mental Health Research. The institute seeks teams of researchers working at different levels of analysis and employing integrative, novel, and creative experimental approaches to address high-risk, high-impact questions with the primary objective of: (a) advancing the state of the science in brain and behavior research that will ultimately provide the foundation for understanding mental disorders; (b) supporting the integration and translation of basic and clinical neuroscience research on severe mental illnesses; and/or (c) advancing our understanding of the neurobehavioral developmental mechanisms and trajectories of psychopathology that begin in childhood and adolescence. The Conte Centers program is intended to support interdisciplinary basic and/or translational research demonstrating an extraordinary level of synergy, integration, and potential for advancing the state of the field. This program is intended only for projects that could not be achieved using other, more standard grant



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mechanisms. The Conte Centers program also provides an opportunity to establish interdisciplinary basic and/or translational research experiences for individuals in training. **PAR-14-120**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-14-120.html>

W.E.B. Du Bois Fellowship for Research on Race, Gender, Culture and Crime FY 2014

National Institutes of Justice (NIJ) – U.S. Department of Justice (DOJ)

Due Date: 5/12/2014

With this solicitation, NIJ seeks applications for the W.E.B. Du Bois Fellowship for Research on Race, Gender, Culture, and Crime FY 2014. The Fellowship program seeks to advance knowledge regarding the confluence of crime, justice, and culture in various societal contexts. The Fellowship places particular emphasis on crime, violence, and the administration of criminal justice in diverse cultural contexts within the United States. **NIJ-2014-3763**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001101.pdf>

Pilot Effectiveness Studies and Services Research Grants (R34)

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

Due Date: (Letters of Intent due 30 days before application due date) 6/17/2014, 10/17/2014

The purpose of this Funding Opportunity Announcement (FOA) is to encourage pilot research consistent with NIMH's priorities for: 1) effectiveness research on interventions with previously demonstrated efficacy, for use with broader target populations or for use in community practice settings, and 2) innovative services research directions that require preliminary testing or development. Applications should provide resources for evaluating the feasibility, tolerability, acceptability and safety of approaches to improve mental health and modify risk factors, and for obtaining the preliminary data needed as a pre-requisite to a larger-scale intervention trial (e.g., comparative effectiveness study, practical trial) or large-scale services study. In this pilot phase of intervention and services research, NIMH places highest priority on approaches that can be justified in terms of their potential to substantially impact practice and public health and approaches that are empirically grounded. Specifically: 1) Applications should justify the potential impact of the proposed intervention/services models on practice and public health in terms of the magnitude of likely improvements in effect size, safety/tolerability profile, value and

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efficiency, or dissemination potential, as compared to existing approaches; 2) Adaptations or augmentations of efficacious interventions should only be undertaken if there is an empirical rationale for the adaptation target and for the corresponding mechanism by which the adapted intervention or augmentation is expected to substantially enhance outcomes; and 3) For pilot tests of intervention effectiveness or service delivery approaches, the study should be designed to explicitly address whether the intervention engages the mechanism that is presumed to underlie the intervention effects. **RFA-MH-15-330**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-330.html>

Research on Sentinel Events and Criminal Justice System Errors

National Institute of Justice (NIJ)

Due Date: 5/22/2014

For this solicitation, NIJ invites research applications that add to our understanding of how the concept of sentinel events can be used to improve the functioning of the criminal justice system. Funding under this solicitation will support multiple awards for either basic research or for applied studies (including evaluations). Though NIJ acknowledges that some projects involving field research may be more costly, NIJ anticipates that many relevant basic research projects could be supported at more modest funding levels. This is an open solicitation and all high-quality research proposals regarding some aspect of sentinel events pertaining to the criminal justice system will be considered under this funding opportunity. **NIJ-2014-3756**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001095.pdf>

Building and Enhancing Criminal Justice Researcher-Practitioner Partnerships FY14

National Institutes of Justice (NIJ)

Due Date: 5/28/2014

Research can provide practical solutions to the obstacles faced by criminal justice practitioners. Through researcher-practitioner partnerships, criminal justice practitioners can gain new skills in assessing programs and measuring outcomes. Likewise, criminal justice researchers can better understand the goals and purposes criminal justice practitioners seek to achieve. Ultimately, these partnerships provide criminal justice practitioners with practice- and policy-relevant information while affording researchers the opportunity to contribute to the current body of knowledge. **NIJ intends to support criminal justice research in two areas related to new and ongoing researcher-**

practitioner collaborations. Applications must fall under one of the following program areas: **1. Junior Faculty Grant Program to Promote Criminal Justice Researcher-Practitioner Partnerships. 2. Criminal Justice Researcher-Practitioner Fellowship Placement Program.** Application titles should be preceded by the specific program area under which the application falls. Regardless of the program area, proposed research studies should have clear research questions, methods, and analyses that directly relate to criminal justice practice and/or policy in the United States. **NIJ-2014-3724**

- URL: <https://ncjrs.gov/pdffiles1/nij/sl001104.pdf>

STUDENTS

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Postdoctoral Fellowship (Parent F32)

National Institutes of Health (NIH)

Due Date: (Standard due dates apply) 4/8/2014, 8/8/2014, 12/8/2014

The purpose of the Kirschstein-NRSA postdoctoral fellowship is to enhance the research training of promising postdoctoral candidates who have the potential to become productive, independent investigators in scientific health-related research fields relevant to the missions of the participating NIH Institutes and Centers. **PA-14-149**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-149.html>

Ruth L. Kirschstein National Research Service Award (NRSA) Individual Predoctoral Fellowship (Parent F31)

National Institutes of Health (NIH)

Due Date: (Standard due dates apply) 4/8/2014, 8/8/2014, 12/8/2014

The purpose of the Kirschstein-NRSA predoctoral fellowship (F31) award is to enable promising predoctoral students to obtain individualized, mentored research training from outstanding faculty sponsors while conducting dissertation research in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research



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training must reflect the applicant's dissertation research project and is expected to clearly enhance the individual's potential to develop into a productive, independent research scientist. **PA-14-147**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-147.html>

Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship to Promote Diversity in Health-Related Research (Parent F31 - Diversity)

National Institutes of Health (NIH)

Due Date: (Standard due dates apply) 4/13/2014, 8/13/2014, 12/13/2014

The purpose of this Kirschstein-NRSA predoctoral fellowship (F31) award is to enhance the diversity of the health-related research workforce by supporting the research training of predoctoral students from population groups that have been shown to be underrepresented in the biomedical, behavioral, or clinical research workforce. Such individuals include those from underrepresented racial and ethnic groups, those with disabilities, and those from disadvantaged backgrounds. Through this award program, promising predoctoral students will obtain individualized, mentored research training from outstanding faculty sponsors while conducting well-defined research projects in scientific health-related fields relevant to the missions of the participating NIH Institutes and Centers. The proposed mentored research training is expected to clearly enhance the individual's potential to develop into a productive, independent research scientist. **PA-14-148**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-148.html>