Funding Bulletin
December 20th, 2013 (Vol. 1, No. 8)

Funding Information

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

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

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

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

LIMITED SUBMISSIONS
INTERNAL OPPORTUNITIES
GENERAL
ARTS & HUMANITIES
EDUCATION

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES
HEALTH & LIFE SCIENCES
MULTIPLE DISCIPLINES
SOCIAL SCIENCES
STUDENTS

How to Apply

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

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

LIMITED SUBMISSIONS

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 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) Major Research Instrumentation Program (MRI): Instrument Acquisition or Development  
*National Science Foundation (NSF)*  
**Due Date: Internal 12/20/2013; Proposals 1/23/2014**

The Major Research Instrumentation Program (MRI) serves to increase access to shared scientific and engineering instruments for research and research training in our Nation's institutions of higher education, and not-for-profit museums, science centers and scientific/engineering research organizations. This program especially seeks to improve the quality and expand the scope of research and research training in science and engineering, by supporting proposals for shared instrumentation that fosters the integration of research and education in research-intensive learning environments. Each MRI proposal may request support for the acquisition (Track 1) or development (Track 2) of a single research instrument for shared inter- and/or intra-organizational use; development efforts that leverage the strengths of private sector partners to build instrument development capacity at MRI submission-eligible organizations are encouraged. *If three proposals are submitted, at least one of the proposals must be for instrument development (i.e., no more than two proposals may be for instrument acquisition).* NSF 13-517


(2) Faculty Development in the Space Sciences (FDSS)  
*National Science Foundation (NSF)*  
**Due Date: Internal 12/20/2013; Proposals 1/27/2014**

The Geospace Section of the Division of Atmospheric and Geospace Sciences, to ensure the health and vitality of solar and space sciences on university teaching faculties, is pleased to offer awards for the creation of new tenure-track faculty positions within the intellectual disciplines which comprise the space sciences. The aim of these awards is to integrate research topics in solar and space physics into basic physics, astronomy, electrical engineering, geoscience, meteorology, computer science, and applied mathematics programs, and to develop space physics graduate programs capable of
training the next generation of leaders in this field. Space Science is interdisciplinary in nature and the Faculty Development in the Space Sciences awardees will be expected to establish partnerships within the university community. **Institutions may only submit one proposal in response to this solicitation. NSF 14-506**


(3) **Alliances for Graduate Education and the Professoriate (AGEP)**

*National Science Foundation (NSF)*

**Due Date:** Internal 1/3/2014; Proposals 2/5/2014

Notice seeking proposals for support in the development, implementation, study, and dissemination of innovative models and standards of graduate education and postdoctoral training that are designed to improve underrepresented minorities’ participation, preparation, and success. AGEP intends to support the following types of projects: Transformation; Knowledge Adoption and Translation (AGEP-KAT); and Broadening Participation Research in STEM Education (AGEP-BPR). **NSF 14-505**

**Limit on Number of Proposals per Organization:**

- **AGEP-Transformation** - An institution or organization may serve as the lead on one AGEP-Transformation collaborative proposal. An institution or organization may be a partner in multiple AGEP-Transformation projects; however the projects must be distinct and not overlap or have similar activities or education research components. **Each AGEP-Transformation alliance partner must simultaneously submit proposals as part of one collaborative proposal.** (See Chapter II, Section D.4.b for guidance in the preparation of collaborative proposals submitted as separate submissions from multiple organizations.) Institutions and organizations involved in AGEP-Transformation projects may also participate in AGEP-KAT and AGEP-BPR projects.

- **AGEP-KAT and AGEP-BPR** - There are no limits on the number of proposals that can be submitted; however the projects must be distinct and not overlap or have similar activities or education research components with proposals in other AGEP tracks.

(4) Camille Dreyfus Teacher-Scholar Awards Program in Chemical Sciences

The Camille & Henry Dreyfus Foundation, Inc.
Due Date: Internal 1/7/2014; Nominations 2/10/2014

The Camille Dreyfus Teacher-Scholar Awards Program supports the research and teaching careers of talented young faculty in the chemical sciences. Based on institutional nominations, the program provides discretionary funding to faculty at an early stage in their careers. Criteria for selection include an independent body of scholarship attained within the first five years of their appointment as independent researchers, and a demonstrated commitment to education, signaling the promise of continuing outstanding contributions to both research and teaching. The Camille Dreyfus Teacher-Scholar Awards Program provides an unrestricted research grant of $75,000. The Camille Dreyfus Teacher-Scholar Awards Program is open to academic institutions in the States, Districts, and Territories of the United States of America that grant a bachelor’s or higher degree in the chemical sciences, including biochemistry, materials chemistry, and chemical engineering. Nominees must hold a full-time tenure-track academic appointment, and are normally expected to have been appointed no earlier than mid-year 2008. Awardees are from Ph.D. granting departments in which scholarly research is a principal activity. Undergraduate education is an important component of the nominee's activities. Institutions may submit only one Camille Dreyfus nomination annually.

URL: http://www.dreyfus.org/awards/camille_dreyfus_teacher_award.shtml

INTERNAL OPPORTUNITIES

Award for Research/Creative (ARC)
Wichita State University
Due Date: 2/3/2014

Applications for Award for Research/Creative Projects (ARC) are due to the Office of Research and Technology Transfer by Feb. 3 at 5:00 p.m. Award for Research/Creative projects provide salary/fringes of $3,000* for 2 months, plus $1,000 for other operating expenses (total of $4,000) to enable faculty to pursue research or creative projects during the summer (grant period May 1 - Aug 31, 2014). Awardees are expected to resume their teaching in the fall for the next academic year. A faculty member may receive only one of the following in a fiscal year: an ARCS, a University Research/Creative Projects Award (URCA), or a Multidisciplinary Research Project Award (MURPA). Those who accept any summer appointment from their college (for the summer grant

*Note: Salary/fringes include base salary and Fringe Benefits calculated at 30% of the base salary
First Awards in Climate or Energy Research

Kansas NSF EPSCoR

Due Dates: Letters of Intent 1/6/2014; Final Proposals 3/3/2014

Kansas NSF EPSCoR (KNE) helps Kansas build its research capacity and competitiveness in science and technology. The First Award program helps early career faculty become competitive for funding from the research directorates at the National Science Foundation by: 1) encouraging early career faculty to submit proposals to the NSF (or other federal funding agency) as soon as possible after their first faculty appointment, and 2) by accelerating the pace of their research and the quality of their subsequent proposals. Only projects with research in areas that are related to the current Kansas NSF EPSCoR focus of climate or energy (http://www/nsfepscor.ku.edu/ph6.html) are eligible for First Awards. Other eligibility requirements apply so please read the RFP carefully.

URL: http://www.nsfepscor.ku.edu/funding.html

Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grant (Parent T32)

National Institutes of Health (NIH)

Due Date: (standard due dates apply) 1/25/2014, 5/25/2014, 9/25/2014

The National Institutes of Health (NIH) will award Ruth L. Kirschstein National Research Service Award (NRSA) Institutional Research Training Grants (T32) to eligible, domestic institutions to enhance predoctoral and postdoctoral research training, including short-term research training, and help ensure that a diverse and highly trained workforce is available to meet the needs of the Nations biomedical, behavioral, and clinical research agenda. Research training programs will incorporate
didactic, research, and career development components to prepare individuals for careers that will have a significant impact on the health-related research needs of the Nation. **PA-14-015**

Programs proposing only short-term research training should not apply to this announcement, but rather to the Kirschstein-NRSA Short-Term Institutional Research Training Grant Program (T35) exclusively reserved for predoctoral, short-term research training (see PA-14-016).


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**Educational Projects**

*Paralyzed Veterans of America Education Foundation*

**Due Date:** 2/1/2014

*Paralyzed Veterans of America* advocates for better health care and benefits for paralyzed veterans, aids in their search for a truly satisfying career, and provides them with a path to adventure through adaptive sports. Through its charitable arm, the *Paralyzed Veterans of America Education and Training Foundation*, the organization supports educational projects that benefit, serve, and enhance the quality of life of veterans with spinal cord injury/disease, their families, and caregivers. The foundation will consider five categories for funding, including consumer, caregiver, and community education; professional development and education; research utilization and dissemination; assistive technology; and conferences and symposia. Projects should be designed to improve the quality of life for veterans with SCI/D, educate consumers about the consequences of and complications associated with SCI/D, improve the knowledge and skills of SCI/D healthcare professionals, and prevent the occurrence and complications of new SCI/D. For complete program guidelines, application instructions, and a list of grant recipients from previous years, see the PVA Education and Training Foundation Web site.

- **URL:** [http://www.pva.org/site/c.ajjRK9NjLcJ2E/b.6305829/k.6E40/PVA_Education_Foundation.html](http://www.pva.org/site/c.ajjRK9NjLcJ2E/b.6305829/k.6E40/PVA_Education_Foundation.html)

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**Environmental Education (EE) Grants**

*U.S. Environmental Protection Agency (EPA)*

**Due Date:** 2/4/2014

The purpose of the Environmental Education Grants Program is to provide money to support environmental education projects that increase the public's awareness about environmental issues...
and provide them with the skills to take responsible actions to protect the environment. This grant program funds environmental education (EE) projects. Environmental information and outreach may be important elements of EE projects, but these activities by themselves are not environmental education. By itself, environmental information only addresses awareness and knowledge, usually about a particular environmental issue. Outreach involves information dissemination and requests or suggestions for action on a particular issue (often without the critical thinking, problem solving and decision making steps in between). EE covers the range of steps and activities from awareness to action with an ultimate goal of environmental stewardship. Under this program EPA seeks grant proposals from eligible applicants to support environmental education projects that promote environmental stewardship and help develop knowledgeable and responsible students, teachers, and citizens. This grant program provides financial support for projects that design, demonstrate, and/or disseminate environmental education practices, methods, or techniques, and that will serve as models that can be replicated in a variety of settings. EPA-EE-13-01

- URL: http://www2.epa.gov/education/environmental-education-ee-grants

Summer Undergraduate Research Fellowship (SURF) Program
U.S. Department of Commerce (DoC); National Institute of Standards and Technology (NIST)
Due Date: 2/14/2014

Notice seeking proposals that will provide research opportunities for undergraduate students to work with internationally known NIST scientists, to expose them to cutting-edge research, and to promote the pursuit of graduate degrees in science and engineering. Colleges and universities in the U.S. and its territories with degree-granting programs in biology, chemistry, computer science, engineering, materials science, mathematics, nanoscale science, neutron research, and/or physics are eligible to apply.2014-NIST-SURF-01


Steven H. Sandell Grant Program
Center for Retirement Research (CRR), Boston College
Due Date: 2/14/2014

The Center for Retirement Research at Boston College is accepting proposals for its annual Steven H. Sandell grant program in the field of retirement research and policy. Funded by the United States Social Security Administration, the program provides opportunities for scholars from any academic...
discipline and senior scholars working in a new area to pursue cutting-edge projects on retirement income issues. Priority areas include Social Security, macroeconomic analyses of Social Security, wealth and retirement income, program interactions, international research, and demographic research. Up to two grants of $45,000 will be awarded based on the quality of the applicant’s proposal and proposed budget. Applicants are required to complete the research outlined in the proposal within one year of the award. A select group of grant winners will be required to present their work to the Social Security Administration in Washington, D.C., or Baltimore. For program guidelines and application procedures, as well as descriptions of award recipients from previous years, see the Center for Retirement Research Web site.

- URL: http://crr.bc.edu/about-us/grant-programs/steven-h-sandell-grant-program-2/

ARTS & HUMANITIES

National Arts & Humanities Youth Program Awards
National Endowment of the Humanities (NEH) – President’s Committee on the Arts & Humanities
Due Date: 2/10/2014

The twelve award-winning programs this year will receive $10,000 and an invitation to accept their award from the President's Committee’s Honorary Chairman, First Lady Michelle Obama at a ceremony at the White house. In addition, winners will receive an award plaque, the opportunity to attend the Annual Awardee Conference in Washington, DC in the summer of 2012, and will be featured on the National Arts and Humanities Youth Program Award website. After-school and out-of-school time arts and humanities programs sponsored by museums, libraries, performing arts organizations; educational institutions (e.g. preschools; elementary, middle, and high schools; universities; and colleges), art centers, community service organizations, businesses, and eligible government entities are encouraged to consider submitting an application. Information and application materials available at the President's Committee on the Arts and the Humanities website.

- URL: http://www.nahyp.org/how-to-apply/
Summer Seminars & Institutes
National Endowment for the Humanities (NEH)
Due Date: 3/4/2014

These grants support faculty development programs in the humanities for school teachers and for college and university teachers. NEH Summer Seminars and Institutes may be as short as two weeks or as long as five weeks. NEH Summer Seminars and Institutes:

- extend and deepen knowledge and understanding of the humanities by focusing on significant topics and texts;
- contribute to the intellectual vitality and professional development of participants;
- build communities of inquiry and provide models of civility and excellent scholarship and teaching; and
- effectively link teaching and research in the humanities.

An NEH Summer Seminar or Institute may be hosted by a college, university, learned society, center for advanced study, library or other repository, a cultural or professional organization, or a school or school system. The host site must be suitable for the project, providing facilities for scholarship and collegial interaction. These programs are designed for a national audience of teachers.

- URL: http://www.neh.gov/grants/education/summer-seminars-and-institutes

Institutes for Advanced Topics in the Digital Humanities
National Endowment for the Humanities (NEH)
Due Date: 3/11/2014

These NEH grants support national or regional (multistate) training programs for scholars and advanced graduate students to broaden and extend their knowledge of digital humanities. Through these programs, NEH seeks to increase the number of humanities scholars using digital technology in their research and to broadly disseminate knowledge about advanced technology tools and methodologies relevant to the humanities. The projects may be a single opportunity or offered multiple times to different audiences. Institutes may be as short as a few days and held at multiple locations or as long as six weeks at a single site. For example, training opportunities could be offered before or after regularly occurring scholarly meetings, during the summer months, or during appropriate times of the academic year. The duration of a program should allow for full and thorough treatment of the topic.

EDUCATION

Research or Dissertation Grants
American Educational Research Association (AERA)
Due Date: 1/24/2014

The American Educational Research Association has announced the continuation of the AERA grants program, which provides small grants and training for researchers to conduct studies of education policy and practice using quantitative methods, including the analysis of data from the large-scale data sets sponsored by National Center for Education Statistics and National Science Foundation. Support is available in two categories:

1) Research Grants are available for faculty at institutions of higher education, postdoctoral researchers, and other doctoral-level scholars. Applications are encouraged from a variety of disciplines, including but not limited to education, sociology, economics, psychology, demography, statistics, and psychometrics. Approximately fifteen grants of up to $20,000 for one-year projects, or up to $35,000 for two-year projects, will be awarded.

2) Dissertation Grants are available for advanced doctoral students and are intended to support the student while he or she is writing the doctoral dissertation. AERA invites education-related dissertation proposals using NCES, NSF, and other federal databases. Applicants may be U.S. citizens, U.S. permanent residents, or non-U.S. citizens, and must be working at a U.S. institution. Approximately fifteen grants of up to $20,000 each will be awarded for one-year projects. Visit the AERA Web site for complete program information and application requirements.

   - URL: http://www.aera.net/Default.aspx?TabID=10242

Promoting Research and Innovation in Methodologies for Evaluation (PRIME)
National Science Foundation (NSF)
Due Date: 2/21/2014

The Promoting Research and Innovation in Methodologies for Evaluation (PRIME) program seeks to support research on evaluation with special emphasis on: (1) exploring innovative approaches for determining the impacts and usefulness of STEM education projects and programs; (2) building on and expanding the theoretical foundations for evaluating STEM education and workforce development initiatives, including translating and adapting approaches from other fields; and (3) growing the capacity and infrastructure of the evaluation field. Three types of proposals will be
supported by the program: Exploratory Projects that include proof-of-concept and feasibility studies; more extensive Full-Scale Projects; and workshops and conferences. **NSF 14-515**


**ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES**

**National Security Science and Engineering Faculty Fellowship**  
*U.S. Department of Defense (DoD); Office of Naval Research (ONR)*  
**Due Date:** Letter of Intent 1/6/2014; White Papers 1/27/2014; Proposals and Confidential Letters of Recommendation 5/12/2014

The National Security Science and Engineering Faculty Fellowship (NSSEFF) program is sponsored by the Basic Research Office, Office of Assistant Secretary of Defense for Research and Engineering (ASD (R&E)). NSSEFF supports innovative basic research within academia, as well as education initiatives that seek to create and develop the next generation of scientists and engineers for the defense and national security workforce. **ONRAOA14-005**

- **URL:** [http://www.grants.gov/view-opportunity.html?oppId=248613](http://www.grants.gov/view-opportunity.html?oppId=248613)

**CyberCorps: Scholarships for Service (SFS) Defending America’s Cyberspace**  
*National Science Foundation (NSF)*  
**Due Date:** Scholarships 2/11/2014, Capacity 2/21/2014

The CyberCorps(R): Scholarship for Service (SFS) program seeks proposals that address cybersecurity education and workforce development. The **Scholarship Track** provides funding to award scholarships to students in cybersecurity. In return for their scholarships, recipients will work after graduation for a Federal, State, Local, or Tribal Government organization in a position related to cybersecurity for a period equal to the length of the scholarship. The **Capacity Track** seeks innovative proposals leading to an increase in the ability of the United States higher education enterprise to produce cybersecurity professionals. **NSF 14-510**

Materials Engineering and Processing (MEP)  
National Science Foundation (NSF)  
Due Date: 2/18/2014

The Materials Engineering and Processing (MEP) program supports fundamental research addressing the interrelationship of materials processing, structure, properties and/or life-cycle performance for targeted applications. Research proposals should be driven by the performance or output of the material system relative to the targeted application(s). Research plans driven by scientific hypotheses are encouraged when suitable. Materials in bulk form or focus on special zones such as surfaces or interfaces that are to be used in structural and/or functional applications are appropriate. All material systems are of interest including polymers, metals, ceramics, semiconductors, composites and hybrids thereof. Analytical, experimental, and numerical studies are supported and collaborative proposals with industry (GOALI) are encouraged. Areas of interest include:

**Functional Materials** – materials that possess native properties and functions that can be controlled by external forces such as temperature, light, electric field, pH, etc. These include materials that exhibit properties such as electronic, magnetic, piezoelectric, ferroelectric, photovoltaic, chromogenic, shape memory, thermoelectric or self-healing, etc. **Structural Materials** – materials that, in service, bear mechanical load. Length scales from nano to meso to macro are of interest as are materials in the bulk or in special configuration such as thin film. These include materials such as metals, polymers, composites, biomaterials, ceramics, hybrids, cement, etc. **Materials Processing** – processes that convert material into useful form as either intermediate or final composition. These include processes such as extrusion, molding, casting, deposition, sintering, printing, etc. Proposed research should include the consideration of cost, performance, and feasibility of scale-up, as appropriate. Research that addresses multi-scale and/or multi-functional materials systems is encouraged as is research in support of environmentally-benign manufacturing. PD 13-8092


Fluid Dynamics  
National Science Foundation (NSF)  
Due Date: 2/20/2014

The Fluid Dynamics program supports fundamental research and education on mechanisms and phenomena governing fluid flow. Proposed research should contribute to basic understanding; thus enabling the better design; predictability; efficiency; and control of systems that involve fluids. Encouraged are proposals that address innovative uses of fluids in materials development; manufacturing; biotechnology; nanotechnology; clinical diagnostics and drug delivery; sensor
development and integration; energy and the environment. While the research should focus on fundamentals, a clear connection to potential application should be outlined. **PD 14-1443**

Current research themes include:

- **General Fluid Mechanics**: experimental and theoretical dynamics of Newtonian fluids; laminar flows, transitional flows, and turbulence; hydrodynamic stability; flow of compressible fluids.
- **Flow of Complex Fluids**: non-Newtonian fluid mechanics; viscoelasticity; flow of polymer solutions and melts; gelation; flow instability; flow-induced structuring; DNA dynamics; molecular dynamics simulations.
- **Micro- Nano- Bio- Fluid Mechanics**: micro- and nano-scale flow phenomena; biomedical microdevices; effects of nanoscale inclusions on rheological properties; flow of Brownian suspensions; biomimetics; biological flow processes.
- **Turbulence and Flow Control**: large eddy simulation; direct numerical simulation; high Reynolds number experiments; stability and transition to turbulence; 3-D boundary layers; multi-phase turbulent flows; flow control; insect flight; gas-liquid interfaces.
- **Instrumentation and Flow Diagnostics**: Instrument development; MEMS; shear stress sensors; Magnetic Resonance Imaging for engineering flow; velocimetry; flows in biomedical assistive devices.


**FY2014 Marine Sensor and Other Advanced Observing Technologies Transition Project**

*National Ocean Service (NOS), National Oceanic and Atmospheric Administration (NOAA), Department of Commerce (DoC)*

**Due Date: 2/21/2014**

The U.S. Integrated Ocean Observing System (IOOS?) is a national and regional partnership working to provide observations, data and new tools and forecasts to improve safety, enhance the economy, and protect our environment. To deliver these tools and forecasts, more ocean, coastal and Great Lakes observations are needed. To increase observational capabilities we need smart investments in innovative marine sensors and other advanced observing technologies that will improve our ability to monitor these waters with greater efficiency. The NOAA Ocean Acidification Program (OAP), in close partnership with U.S. IOOS, oversees and coordinates ocean acidification monitoring which contributes to the conservation of marine ecosystems. The U.S. IOOS Program and the NOAA Ocean Acidification Program (Programs) are seeking to jointly fund projects, subject to the availability of funds, which advance new or existing marine sensors and other observing technologies that address long standing and emerging coastal observing challenges. The projects will be focused on those...
sensors and other observing technologies for which there are demonstrated operational end-users who commit to integrated, long term use of those technologies and open data sharing. Funding will be targeted to marine sensors and other observing technologies that are beyond their research phase, with specific emphasis on transition and life cycle costs, including data management, overall operations, and maintenance expenses. The Programs are seeking Letters of Intent (LOIs) from prospective investigators relating how their project ideas align with either of two topic areas: 1) a very broad topic of marine sensor transitions, and 2) a narrower topic of ocean acidification observing technologies to better serve the ocean observing needs for impacted or potentially vulnerable industries or stakeholders (e.g., fisheries, coral reef conservation, state agencies, others). Applicants are invited to submit LOIs for either of these topic areas, which are described in detail below. Applicants should ensure that the topic area to which they apply is clearly identified and that all required information is presented such that merit reviewers can best evaluate the proposal. In FY 2014, it is estimated that up to $8 million will be available from the U.S. IOOS Program along with up to $1 million from the NOAA Ocean Acidification Program. Multiple awards are anticipated, subject to availability of funds, in amounts ranging from approximately $250,000 to $1 million per year for up to three years, with some exceptions for highly ranked proposals, subject to the availability of funds. Investigators are highly encouraged to visit the U.S. IOOS and NOAA Ocean Acidification Program websites for more information about the Programs: www.ioos.noaa.gov and oceanacidification.noaa.gov. **NOAA-NOS-IOOS-2014-2003854**


**Exploiting Parallelism and Scalability**  
*National Science Foundation (NSF)*  
**Due Date: 2/24/2014**

The Exploiting Parallelism and Scalability (XPS) program aims to support groundbreaking research leading to a new era of parallel computing. Achieving the needed breakthroughs will require a collaborative effort among researchers representing all areas—from services and applications down to the micro-architecture—and will be built on new concepts, theories, and foundational principles. New approaches to achieve scalable performance and usability need new abstract models and algorithms, new programming models and languages, new hardware architectures, compilers, operating systems and run-time systems, and must exploit domain and application-specific knowledge. Research is also needed on energy efficiency, communication efficiency, and on enabling the division of effort between edge devices and clouds. **NSF 14-516**

Cognitive Neuroscience
National Science Foundation (NSF)
Due Dates: 2/25/2014, 8/27/2014

The Cognitive Neuroscience program seeks highly innovative proposals aimed at advancing a rigorous understanding of how the human brain supports thought, perception, affect, action, social processes, and other aspects of cognition and behavior. Topics may bear on core functions such as sensory, learning, language, reasoning, emotion, and executive processes, or more specialized processes such as empathy, creativity, representation of self and other, or intentionality, among many other possibilities. Topics may also include how such processes develop and change in the brain. The program is particularly interested in supporting the development of new techniques and technologies for recording, analyzing, and modeling complex brain activity. Such projects should include a plan for sharing new software and other technologies with the research community at large. NSF 14-514


NRL Wide Broad Agency Announcement
Department of Defense (DoD)
Due Date: White Papers Open

The Naval Research Laboratory (NRL) is the Navy’s corporate laboratory. NRL conducts basic and applied research for the Navy in a variety of scientific and technical disciplines. The basic research program is driven by perceptions about future requirements of the Navy. BAA-N00173-03

- URL: http://heron.nrl.navy.mil/contracts/baa/index03.html

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.
Executive Nurse Fellows  
*Robert Wood Johnson Foundation*  
Due Date: 1/14/2014

The Robert Wood Johnson Foundation Executive Nurse Fellows program is a three-year advanced leadership program for nurses who aspire to lead and shape health care locally and nationally. Fellows strengthen and improve their leadership abilities related to improving health and health care. Executive Nurse Fellows awards are open to registered nurses who hold senior leadership positions in health services, scientific and academic organizations, public health and community-based organizations or systems, or national professional, governmental, and policy organizations. Up to twenty fellowships will be awarded for 2014 with up to $35,000 over three years will be awarded to each fellow. The complete call for applications and application instructions are available at the RWJF Web site.

- URL: [http://www.rwjf.org/cfp/enf7?cid=XEM_A7613](http://www.rwjf.org/cfp/enf7?cid=XEM_A7613)

New Investigator Fellowship Training Initiative (NIFTI)  
*Foundation for Physical Therapy*  
Due Date: 1/15/2014

The NIFTI is designed to fund physical therapists and physical therapist assistants as developing researchers and to improve their competitiveness in securing external funding for their future research. In order to be eligible for funding through a NIFTI, the post-professional, post-doctoral experience must provide mentored research training in an area that is relevant to physical therapy. The experience may be an expansion of the applicant's post-professional doctoral research program and/or must enhance the applicant's research capabilities that contribute to the knowledge base of physical therapy.

Advanced Education Nursing Traineeship (AENT) Program
Health Resources & Services Administration (HRSA) — Department of Health and Human Services (HHS)
Due Date: 1/16/2014

This announcement solicits applications for the Advanced Education Nursing Traineeship (AENT) Program. The purpose of the AENT program funding opportunity announcement for FY 2014 is to increase the number of primary care providers by providing traineeships to nurses who are pursuing advanced degrees as primary care nurse practitioners (NP) or nurse-midwives. HRSA-14-067


Nurse Anesthetist Traineeship Program (NAT)
Health Resources & Services Administration (HRSA)— Department of Health and Human Services (HHS)
Due Date: 1/16/2014

This announcement solicits applications for the Nurse Anesthetist Traineeship Program. The purpose of the Nurse Anesthetist Traineeship (NAT) Program is to provide traineeship support for licensed registered nurses enrolled as full-time students in a masters or doctoral nurse anesthesia program. Traineeships will pay full or partial costs of the tuition, books, fees, and the reasonable living expenses (stipends) of the individual trainee during the period for which the traineeship is provided. HRSA-14-068


Animal and Biological Material Resource Centers (P40)
National Institutes of Health (NIH)

This FOA encourages grant applications for national Animal Model, and Animal and Biological Material Resource Centers. These Centers provide support for special colonies of laboratory animals, as well as other resources such as reagents, cultures (cells, tissues, and organs) and genetic stocks that serve the biomedical research community. The resource centers for Animal and Biological Materials collect, maintain, characterize, and distribute defined strains of animals.
and/or related biological materials to biomedical investigators in a variety of research areas on a local, regional, national and international basis. This funding opportunity is designed to both support continuation of existing resources, and to develop new ones when appropriate. Prior to preparing an application, all applicants are strongly encouraged to consult with Program staff to be advised on appropriateness of the intended resource plans for this program, competitiveness of a potential application and ORIP's program priorities. PAR-14-005


Advanced Nursing Education Program (ANEP)
U.S. Department of Health and Human Services (HHS) – Health Resources and Services Administration (HRSA)
Due Date: 1/28/2014

The purpose of the ANE Program is to provide Federal funding for projects that support the enhancement of advanced nursing education and practice. ANE grants support programs for registered nurses who are preparing to become nurse practitioners, clinical nurse specialists, nurse midwives, nurse anesthetists, nurse administrators, nurse educators, public health nurses, and other specialties requiring advanced education. For FY2013, HRSA invites applications for projects that integrate the care of individuals with Multiple Chronic Conditions (MCC) into interprofessional education opportunities for advanced nursing education students. Eligible projects would engage advanced nursing education students and other health occupation trainees in shared clinical and didactic learning opportunities to develop competency in the provision of comprehensive health care for individuals with MCC. HRSA-14-066

- URL: http://bhpr.hrsa.gov/nursing/grants/ane.html

Healthy Campus 2020 Award
American College Health Foundation
Due Date: 1/31/2014

ACHF is offering a $2,500 award opportunity for ACHA members. The purpose of the award is to support a campus initiative that fosters positive Healthy Campus 2020 outcomes for the campus community. Priority consideration will be given to proposals that result in sustained mobilization and engagement of campus partners to achieve the goals of Healthy Campus 2020. Only campus health professionals who are American College Health Association Individual Members or employed at an
ACHA Member Institution are eligible to apply. If an applicant is not an Individual Member but is employed at a Member Institution, the institution’s representative individual member (RMI) must also sign the application. An ACHA Membership Number must be included on the application form. At least one person signing the application must be an ACHA member or RMI. The deadline for applications for the 2014 - 2015 school year is January 31, 2014. All applications must be received or postmarked by the deadline date. Award recipient(s) will be announced at the 2014 ACHA Annual Meeting scheduled for May 28 - June 1 in San Antonio, Texas.

- URL: http://www.acha.org/ACHF/HC2020_award.cfm

**Improving Student Mental Health**

*American College Health Foundation (ACHF)*

**Due Date: 1/31/2014**

The American College Health Foundation, the charitable arm of the American College Health Association, is accepting applications for projects that support ACHA annual meeting programming or other ACHA professional development activities designed to benefit ACHA members. The goal of the program is to spawn new ideas and innovative practices that improve students' mental health and to share these ideas with other college healthcare professionals through presentations at state, regional, and national conferences and in articles published in college health-related periodicals. One $5,000 grant will be awarded to an ACHA member. Only ACHA members are eligible to apply for the grant. Applicants are encouraged to put together project proposals that develop or utilize partnerships on their campuses and demonstrate internal and in-kind financial support. For complete program guidelines and application instructions, see the American College Health Foundation Web site.

- URL: http://www.acha.org/achf/UHCSR_award.cfm

**KU/K-INBRE Awards**

*Kansas University/Kansas Idea Network of Biomedical Research Excellence*

**Due Date: 2/3/2014**

K-INBRE is calling for proposals to support: 1) Bridging Grants 2) Core Facility Support 3) Recruitment/Start Up Package A Bridging Grant provides interim support to help a project in Cell and Developmental Biology continue for an eligible investigator who has submitted a grant to NIH that was approved on the basis of scientific merit, but fell short of the funding range (applications with a score below the 40th percentile will be triaged). These funds should assist in providing data needed
to submit a revised application to NIH. Core Facility Support is for the purpose of providing funds to institutional core facilities that support the research focus of the K-INBRE, Cell and Developmental Biology. Proposals are limited to one year of funding. Recruitment/Start-up packages are for the purpose of assisting in the process of bringing in new faculty to K-INBRE Undergraduate Partner Institutions (UPI) Emporia State University, Fort Hays State University, Haskell Indian Nations University, Langston University, Pittsburg State University, Washburn University, Wichita State University and helping in the establishment of their research laboratories.

- Email: hchapman@kumc.edu

**Nutrition and Alcohol-Related Health Outcomes (R01)**  
*National Institutes of Health (NIH)*  
**Due Dates:** (standard due dates apply) 2/5/2014, 6/5/2014, 10/5/2014

This Funding Opportunity Announcement (FOA) encourages applications that propose to examine associations between nutrition and alcohol-related health outcomes in humans and animal models. The goal of this FOA is to stimulate a broad range of research on the role of nutrition in the development, prevention, and treatment of a variety of alcohol-related health outcomes including alcohol use disorder and chronic disease. **PA-13-359** Companion Funding Opportunities are PA-13-360, R03 Small Grant Program and PA-13-361, R21 Exploratory/Developmental Grant


**Dissemination and Implementation Research in Health (R01)**  
*National Institute of Health (NIH)*  
**Due Date:** (standard due dates apply) 2/5/2014, 6/5/2014, 10/5/2014

This Funding Opportunity Announcement (FOA) encourages investigators to submit research grant applications that will identify, develop, evaluate and refine effective and efficient methods, systems, infrastructures, and strategies to disseminate and implement research-tested health behavior change interventions, evidence-based prevention, early detection, diagnostic, treatment and management, and quality of life improvement services, and data monitoring and surveillance reporting tools into public health and clinical practice settings that focus on patient outcomes. **PAR-13-055**

Development of Assays for High-Throughput Screening for Use in Probe and Pre-therapeutic Discovery (R01)
National Institutes of Health (NIH) — Department of Health and Human Services (HHS)
Due Dates: (standard due dates apply) 2/5/2014, 6/5/2014, 10/5/2014

The participating NIH Institutes and Centers invite Research Project Grant (R01) applications to develop assays for high throughput screening (HTS) for use in Probe and Pre-therapeutic Discovery. Through this FOA, NIH wishes to stimulate research in 1) developing assays for specific biological targets and disease mechanisms relevant to the mission of participating NIH Institutes with the intent to screen for small molecule compounds that show potential as probes for use in advancing knowledge about the known targets, identifying new targets, or as pre-therapeutic leads; and 2) establishing collaboration with screening centers that have the requisite expertise and experience needed in implementation of HTS assays for the discovery and development of small molecule chemical probes. This FOA seeks to establish a stream of scientifically and technologically outstanding assays for screening by the NIH Molecular Libraries Production Centers Network (MLPCN) in the Molecular Libraries Program (MLP) and other academic centers. One important criterion for this initiative is novelty, so applicants are therefore encouraged to avoid focusing on areas and approaches that have been extensively targeted in other settings. Assays should be relevant to the scope of research in at least one of the participating NIH Institutes. **PAR-13-364**


2014 Nursing Faculty Scholar
Robert Wood Johnson Foundation
Due Date: 2/12/2014

The goal of the Robert Wood Johnson Foundation Nurse Faculty Scholars program is to develop the next generation of national leaders in academic nursing through career development awards for outstanding junior nursing faculty. The program aims to strengthen the academic productivity and overall excellence of nursing schools by providing mentorship, leadership training, and salary and research support to young faculty. To be eligible, candidates must be a registered nurse with a research doctorate in nursing or a related discipline; be a junior faculty member in an accredited school of nursing with an academic position that could lead to tenure (junior faculty are usually at the instructor or assistant professor level); after completing the doctorate, be in an academic position that could lead to tenure for at least two years and no more than five years at the start of the program; identify at least one senior leader in the school of nursing to serve as a primary (nursing) mentor for academic career planning and to provide access to organizations, programs, and colleagues helpful to the candidate's work as a scholar; and identify at least one senior researcher in the university with similar or complementary research interests to serve as a research mentor. Visit
MULTIPLE DISCIPLINES

Translating Basic Behavioral and Social Science Discoveries into Interventions to Improve Health-Related Behaviors (R01)
National Institutes of Health (NIH)
Due Dates: (standard due dates apply) 2/5/2014, 6/5/2014, 10/5/2014

This funding opportunity announcement (FOA) is being issued by the Office of Behavioral and Social Sciences Research (OBSSR), with participation from the National Cancer Institute (NCI), National Center for Complementary and Alternative Medicine (NCCAM), National Heart, Lung, and Blood Institute (NHLBI), National Institute on Alcohol Abuse and Alcoholism (NIAAA), Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Institute of Diabetes and Digestive and Kidney Diseases (NIDDK), National Institute on Drug Abuse (NIDA), Office of Research on Women’s Health (ORWH). This FOA seeks highly innovative Research Project Grant (R01) applications that propose to translate findings from basic research on human behavior into effective clinical, community, or population-based behavioral interventions to improve health. Specifically, this FOA will support interdisciplinary teams of basic and applied biological, behavioral and/or social science researchers in developing and refining novel behavioral interventions with high potential impact to improve health-promoting behaviors (e.g., healthy dietary intake, sun safety, physical activity, or adherence to medical regimens), and/or reduce problem health behaviors (e.g., smoking, tanning or physical activity or alcohol or substance use, abuse or dependence) PA-11-063

SOCIAL SCIENCES

Sociology
National Science Foundation (NSF)
Due Dates: Regular Research 1/15/2014, 8/15/2014; Dissertation Research 2/15/2014, 10/15/2014

The Sociology Program supports basic research on all forms of human social organization -- societies, institutions, groups and demography -- and processes of individual and institutional change. The Program encourages theoretically focused empirical investigations aimed at improving the explanation of fundamental social processes. Included is research on organizations and organizational behavior, population dynamics, social movements, social groups, labor force participation, stratification and mobility, family, social networks, socialization, gender roles, and the sociology of science and technology. The Program supports both original data collections and secondary data analysis that use the full range of quantitative and qualitative methodological tools. Theoretically grounded projects that offer methodological innovations and improvements for data collection and analysis are also welcomed. Click here for information on Strengthening Qualitative Research through Methodological Innovation and Integration. The Sociology Program also funds doctoral dissertation research to defray direct costs associated with conducting research, for example, dataset acquisition, additional statistical or methodological training, meeting with scholars associated with original datasets, and fieldwork away from the student's home campus. PD 98-1331

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5369

Social Psychology
National Science Foundation (NSF)
Due Dates: 1/15/2014, 7/15/2014

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


### 2014 Hillman Prizes

*The Sidney Hillman Foundation*

**Due Date: 1/31/2014**

The foundation is now accepting submissions for the 2014 Hillman Prizes in honor of investigative journalism and commentary in the public interest. Winners exemplify sound news judgment, resourcefulness and courage in reporting, skilled storytelling, and social impact. The 2014 prizes will be given for work produced, published, broadcast, or exhibited in 2013. Categories include books (nonfiction), newspaper reporting (print or online), magazine reporting (print or online), broadcast journalism (video or radio programs longer than twenty minutes and documentary film), Web journalism (online multimedia reporting by an individual or an institution; should have a substantial visual component as well as text), and opinion journalism (commentary and analysis in any medium). Winners will be announced in April 2014. Each winner is awarded travel to New York City to receive a $5,000 prize and a certificate designed by *New Yorker* cartoonist Edward Sorel at an awards ceremony and cocktail reception to be held Tuesday May 6, 2014, at the New York Times Center. Submissions are judged by a distinguished panel of journalists, including Hendrik Hertzberg, senior editor, *The New Yorker*; Harold Meyerson, *Washington Post* columnist and editor-at-large, *The American Prospect*; Katrina vanden Heuvel, editor and publisher, the *Nation*; Rose Marie Arce, senior producer, CNN; and Ta-Nehisi Coates, senior editor, *The Atlantic*. For complete program guidelines, submission instructions, and information about previous winners, see the Hillman Foundation Web site.

- URL: [https://hillmanfoundation.submittable.com/submit?utm_source=Send+%231+2014+Hillman+Prize+Call+for+Entries&utm_campaign=2014+HP+Call+for+Entries+%231&utm_medium=email](https://hillmanfoundation.submittable.com/submit?utm_source=Send+%231+2014+Hillman+Prize+Call+for+Entries&utm_campaign=2014+HP+Call+for+Entries+%231&utm_medium=email)
2014-15 Challenge Fund for Innovation in Journalism Education
*John S. and James L. Knight Foundation*

**Due Date:** 2/13/2014

The *John S. and James L. Knight Foundation* is accepting applications to its 2014-15 Challenge Fund for Innovation in Journalism Education, a competition designed to inspire educators to "hack" the journalism curriculum using customized versions of the teaching hospital model. The fund supports universities willing to partner with news organizations to explore new ways of providing information to local communities. Administered by the *Online News Association*, the $1 million fund is a collaboration of the *Excellence and Ethics in Journalism Foundation*, the *Robert R. McCormick Foundation*, the Knight Foundation, and the *Democracy Fund*. The fund will support live news experiments that further the development of journalism education models in which innovative projects are created by teams of educators, students, professionals, technicians, and researchers. Projects selected for funding will show the most potential for encouraging collaborative, student-produced local news coverage, bridging the professor-professional gap, using innovative techniques and technologies, and producing shared learnings from digital-age news experiments. Micro-grants of up to $35,000 each will be awarded to fifteen to twenty-five projects to be completed during the 2014-15 academic year. The competition will culminate in at least one substantial grand prize for the project deemed most likely to change either local newsgathering, journalism education, or both. An overall prize will be given for the best project evaluation, regardless of the experiment’s outcome. The winners and their projects will be featured at upcoming ONA conferences and other news media education events. The contest is open to teams led by a faculty member at a college or university in the United States. Teams should be composed of developers, media professionals, technologists, students, researchers, and/or designers.


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**STUDENTS**

**SBE Doctoral Dissertation Research Improvement Grants (SBE DDRIG)**

*National Science Foundation (NSF)*

**Due Dates:** vary according to division (see detailed due date information below)

The National Science Foundation's Division of Behavioral and Cognitive Sciences (BCS), Division of Social and Economic Sciences (SES), National Center for Science and Engineering Statistics (NCSES), and the SBE Office of Multidisciplinary Activities (SMA) award grants to doctoral students to improve the quality of dissertation research. These grants provide funds for items not normally available through the student's university. Additionally, these grants allow doctoral students to undertake
significant data-gathering projects and to conduct field research in settings away from their campus that would not otherwise be possible. Proposals are judged on the basis of their scientific merit, including the theoretical importance of the research question and the appropriateness of the proposed data and methodology to be used in addressing the question. In an effort to improve the quality of dissertation research, many programs in both BCS and SES, the Research on Science and Technology Surveys and Statistics program within NCSES, and the Science of Science and Innovation Policy program in SMA accept doctoral dissertation improvement grant proposals. Requirements vary across programs, so proposers are advised to consult the relevant program's webpage for specific information and contact the program director if necessary.

**Due Dates by Division:**
1/15/2014: Political Science, Linguistics; Cultural Anthropology; Law & Social Sciences; Research on Science and Technology Surveys and Statistics
1/16/2014: Methodology, Measurement, and Statistics
1/18/2014: Economics; Decision, Risk and Management Sciences
2/1/2014: Science, Technology, and Society
2/13/2014: Geography and Spatial Sciences
2/18/2014: Sociology
7/15/2014: Biological Anthropology


**Boren Scholarships and Fellowships**
*Institute of International Education*

**Due Dates: Undergraduate Scholarships 2/5/2014; Graduate Fellowships 1/28/2014**

An initiative of the National Security Education Program administered by the Institute of International Education, the Boren Awards provide funding for U.S. undergraduate and graduate students to study in regions of the world that are critical to U.S. interests, including Africa, Asia, Central and Eastern Europe, Eurasia, Latin America, and the Middle East. Boren Scholars and Fellows represent a variety of academic backgrounds, but all are interested in studying less commonly taught languages, including but not limited to Arabic, Chinese, Korean, Portuguese, Russian, and Swahili. As part of the African Languages Initiative, Boren Award applicants have the opportunity to further their study of Akan/Twi, French, Hausa, Portuguese, Swahili, Wolof, Yoruba, or Zulu. **Boren Scholarships** provide up to $20,000 to U.S. undergraduate students to study abroad in areas of the world that are critical to U.S. interests and underrepresented in study abroad, including Africa, Asia, Central and Eastern Europe, Eurasia, Latin America, and the Middle East. The countries of Western Europe, Canada,
Australia, and New Zealand are excluded. (Deadline: February 5, 2014) **Boren Fellowships** provide up to $30,000 to U.S. graduate students to add an important international and language component to their graduate education through specialization in area study, language study, or increased language proficiency. Boren Fellowships support study and research in areas of the world that are critical to U.S. interests, including Africa, Asia, Central and Eastern Europe, Eurasia, Latin America, and the Middle East. The countries of Western Europe, Canada, Australia, and New Zealand are excluded. (Deadline: January 28, 2014) In exchange for funding, recipients commit to working in the federal government for a minimum of one year. For complete program guidelines, application instructions, and a schedule of informational webinars, see the Boren Awards Web site.

- **URL:** [http://www.borenawards.org/](http://www.borenawards.org/)