

Funding Bulletin

January 16th, 2015 (Vol. 2, 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

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How to Apply

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

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

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



Upcoming Events

RESEARCH 2014-2015 TRAINING SCHEDULE

WORKSHOP TITLE	DATE	TIME	RSC ROOM
Funding Opportunities: Come Discover the Possibilities	Nov. 13, 2014	1:30-3:30pm	262 Herrman
Developing Budgets: How to avoid a Budget Battle Before a Grant Goes Out	Dec. 11, 2014	1:30-3:30pm	266 Pike
CAYUSE 101: Electronic Submissions to Grants.gov Made Easy!	Jan. 22, 2015	1:30-3:30pm	266 Pike

For more information contact Jana Henderson at jana.henderson@wichita.edu or 978-3285. To register for one of the workshops listed visit <https://webapps.wichita.edu/wintraining/training.asp?dept=1>. You will need to log into myWSU, select "register" and scroll down to find the workshop you are interested in. Additional workshops will be announced at the first of the year.

LIMITED SUBMISSIONS

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

(1) Materials Innovation Platforms (MIP)

National Science Foundation (NSF)

Due Date: Internal 1/16/2015; Full Proposal 3/2/2015

The Division of Materials Research (DMR) seeks to significantly accelerate advances in materials research and engineering through the rapid discovery of new materials and phenomena by developing a new midscale user facility program - Materials Innovation Platforms (MIP) program.

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.

MIPs embrace the paradigm set forth by the Materials Genome Initiative (MGI) which strives to “discover, manufacture, and deploy advanced materials in half the time and at a fraction of the cost.” Platforms respond to the increasing complexity of conducting materials research that requires the close collaboration of multidisciplinary teams who have access to cutting edge tools. To accelerate research outcomes, Platforms conduct research through iterative “closed-loop” efforts among the areas of materials synthesis, characterization, theory, and the application of theory through modeling and/or simulation. The in-house research conducted by a MIP is transformational and focuses on a targeted materials grand challenge and/or a technological outcome (e.g., understanding complexity, discovery of new phenomena and materials, etc.) that addresses a national priority. MIPs push the frontiers in materials research by advancing the capabilities of current state-of-the-art experimental tools through the development of new techniques and the next generation of instrumentation that will lead to understanding and discovering new phenomena as well as the discovery of complex functional material systems. In addition, it is expected that open access to these cutting edge tools will strengthen collaborations among scientists and enable researchers to work in new ways, while fostering new modalities of multidisciplinary education and training. The user facility aspect of a Platform accounts for approximately 50% of the collaborative effort, where a MIP provides access to unique high-quality, state-of-the-art instrumentation and technological services through a staff of experts that are accessible to external researchers and all types of institutions. Due to this convergence of expertise, MIPs will serve as focal points that promote cross-fertilization of ideas between internal and external researchers. **One (1) per organization. NSF 15-522**

- URL: http://www.nsf.gov/pubs/2015/nsf15522/nsf15522.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

(2) Environmental Health Sciences Core Centers (EHS CC) (P30)

National Institutes of Health (NIH) – National Institute of Environmental Health Sciences (NIEHS)

Due Date: Internal 2/6/2015; Letter of Intent 3/22/2015; Application 4/22/2015

This Funding Opportunity Announcement (FOA) invites grant applications from qualified institutions to support Environmental Health Sciences Core Centers (EHS CC). A Core Center Grant is an institutional award to support centralized scientific resources and facilities shared by investigators with existing research projects. By providing intellectual leadership, advanced technologies/methodologies, and supporting community engagement, a core center is intended to enhance the ability of scientists working in the field of environmental health sciences to identify and capitalize on emerging issues that will translate into advances improving the understanding of the relationships among environmental exposures, human biology, and disease. **Only one application per institution is allowed. RFA-ES-13-012**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-ES-15-007.html>

INTERNAL OPPORTUNITIES

Award for Research/Creative (ARC)

Wichita State University

Due Date: 2/6/2015

Applications for Award for Research/Creative Projects (ARC) are due to the Office of Research and Technology Transfer by Feb. 6 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, 2015). 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 period) are ineligible. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

Flossie E. West Foundation Award

Wichita State University

Due Date: 3/6/2015

Applications for the Flossie E. West Foundation Award are due to the Office of Research and Technology Transfer by March 6th at 5:00p.m. The award provides support for research relating to the study and cure of cancer. Awards are intended as seed money to develop pilot data for proposals to be submitted to governmental agencies, foundations, or industries (grant period May 1, 2015 – April 30, 2016). Funds are restricted to WSU faculty project expenses; all WSU faculty members with research interests in the study of cancer are eligible. Application and instructions are available on the research website and may be submitted electronically to proposals@wichita.edu or Campus Box 7.

For more information, visit

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

GENERAL

Science of Learning: Collaborative Networks (SL-CN)

National Science Foundation (NSF)

Due Date: Letter of Intent 2/6/2015; Full Proposal 3/18/2015

This solicitation launches the National Science Foundation's (NSF's) next phase of research in the Science of Learning (SL). The new SL Program is designed to capitalize on the momentum created by the Science of Learning Centers (SLC) Program to continue developing an integrated, interdisciplinary SL community. The goals of the SL Program are to: advance fundamental knowledge about learning through integrated research; connect the research to specific scientific, technological, educational, and workforce challenges; and enable research communities to capitalize on new opportunities and discoveries. The Program is designed to support projects that – due to the activities supported and their interdisciplinarity and integrative breadth – do not fit into existing NSF programs. **NSF 15-532**

This solicitation invites proposals for the creation of new research networks to address important questions in the SL. Networks will focus on:

- Advancing basic research through integrative, interdisciplinary perspectives and methodologies, through integration of theory and experiment, and across scales of analysis; and/or
- Translating findings from basic research on learning to applications to benefit society and further inform fundamental theories of learning.

Each network is expected to engage in both of the following activities:

1. Partnership-building activities among the network participants to optimize scientific exchange for the co-design and execution of network goals; and
2. Collaborative, exploratory research to be conducted by the network participants.

- **URL:**http://www.nsf.gov/pubs/2015/nsf15532/nsf15532.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

Research Coordination Networks (RCN)

National Science Foundation (NSF)

Due Date: 3/2/2015

The goal of the RCN program is to advance a field or create new directions in research or education by supporting groups of investigators to communicate and coordinate their research, training and

educational activities across disciplinary, organizational, geographic and international boundaries. RCN provides opportunities to foster new collaborations, including international partnerships, and address interdisciplinary topics. Innovative ideas for implementing novel networking strategies, collaborative technologies, and development of community standards for data and meta-data are especially encouraged. RCN awards are not meant to support existing networks; nor are they meant to support the activities of established collaborations. RCN awards do not support primary research. RCN supports the means by which investigators can share information and ideas, coordinate ongoing or planned research activities, foster synthesis and new collaborations, develop community standards, and in other ways advance science and education through communication and sharing of ideas. **NSF 15-527**

- URL: http://www.nsf.gov/pubs/2015/nsf15527/nsf15527.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

2014 Grant Cycle

RGK Foundation

Due Date: Letters of Inquiry continually accepted and reviewed quarterly (next review date: 3/7/15)

The [RGK Foundation](#) in Austin, Texas, is inviting grant proposals in the broad areas of education, community, and health and medicine. The foundation's primary education interests include programs that focus on formal K-12 education (particularly math, science, and reading), teacher development, literacy, and higher education. Within its community area, the foundation supports a broad range of human services, community improvement activities, abuse prevention, and youth development programs. In the area of health and medicine, the foundation's current interests include programs that promote the health and well-being of children and access to health service. While grants occasionally support operating expenses, capital campaigns, endowments, and international projects, such grants are infrequent and are usually initiated by the foundation. Multiyear grants are also rare, with most grants awarded for a one-year period. Grants are made only to nonprofit organizations certified as tax exempt under Sections 501(c)(3) or 170(c) of the Internal Revenue Code and classified as "not a private foundation" under Section 509(a). Hospitals, educational institutions, and governmental institutions meeting these requirements are eligible to apply. **Letters of Inquiry are accepted all year long and are reviewed on a rolling basis (March 7, June 13, and September 19).** See the RGK Foundation Web site for complete program guidelines and application instructions.

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

ARTS & HUMANITIES

2015 Art Works

National Endowment for the Arts (NEA)

Due Date: 2/19/2015, 7/23/2015

The guiding principle of "Art Works" is at the center of everything we do at the NEA. "Art Works" refers to three things: the works of art themselves, the ways art works on audiences, and the fact that art is work for the artists and arts professionals who make up the field. Art works by enhancing the value of individuals and communities, by connecting us to each other and to something greater than ourselves, and by empowering creativity and innovation in our society and economy. The arts exist for beauty itself, but they also are an inexhaustible source of meaning and inspiration. The NEA recognizes these catalytic effects of excellent art, and the key role that arts and design organizations play in revitalizing them. To deepen and extend the arts' value, including their ability to foster new connections and to exemplify creativity and innovation, we welcome projects that:

- Are likely to prove transformative with the potential for meaningful change, whether in the development or enhancement of new or existing art forms, new approaches to the creation or presentation of art, or new ways of engaging the public with art;
- Are distinctive, offering fresh insights and new value for their fields and/or the public through unconventional solutions; and
- Have the potential to be shared and/or emulated, or are likely to lead to other advances in the field.

Beyond encouraging projects that demonstrate these characteristics, we want to achieve the following four objectives through the Art Works category:

- Creation: The creation of art that meets the highest standards of excellence,
- Engagement: Public engagement with diverse and excellent art,
- Learning: Lifelong learning in the arts, and
- Livability: The strengthening of communities through the arts.

Art Works webinar scheduled for 1/21/2015 - <http://arts.gov/event/2015/art-works-guidelines-workshop>

- **URL:** <http://arts.gov/grants-organizations/art-works/grant-program-description>

Summer Seminars and Institutes

National Endowment for the Humanities (NEH)

Due Date: 2/24/2015

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
- 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, cultural or professional organization, or 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>

Fund for National Projects to Strengthen Performing Arts

Doris Duke Charitable Trust

Due Date: Letters of Inquiry 2/27/2015

Through its Fund for National Projects, the [Doris Duke Charitable Foundation](#) awards up to \$1 million in grants annually in support of national projects in the professional nonprofit dance, jazz, presenting arts, and/or theater fields. Specifically, the fund supports projects that strengthen the national infrastructure of the nonprofit performing arts, as well as those that improve conditions for the national community of performing artists in professional nonprofit dance, jazz, and theater. Eligible projects engage a broad constituency, occur once (or periodically) rather than annually, and have the potential to significantly impact a field, including research projects assessing the national health of professional nonprofit arts groups or of individual professional artists. Projects may also involve special national convenings for entire professional nonprofit performing arts fields (beyond traditional national annual conferences) and efforts to address unique circumstances that impact an entire professional nonprofit field. Highest priority will be given to projects that improve the health of the foundation's priority performing arts fields and do not duplicate ongoing efforts or existing services. Grant amounts will range between \$60,000 and \$200,000, and may not exceed 40 percent



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of the total project cost. The fund does not support projects by single performing arts entities; ongoing annual conferences; individually produced conferences, performances, or symposia; re-granting programs; translations or commissions of new works; production start-up activities/production costs; arts education; avocational arts activities; capital projects; and endowments. For complete program guidelines and application instructions, visit the Doris Duke Charitable Foundation website.

- URL: <http://www.ddcf.org/Programs/Arts/Initiatives--Strategies/National-Sector-Building/Fund-for-National-Projects/>

The AMS Teaching Fund

American Musicology Society

Due Date: 3/1/2015

The AMS Teaching Fund supports innovative teaching practices in the music history and appreciation classroom. This grant provides the recipient an opportunity to pursue work in support of student-centered learning. It may subsidize the development of new classroom techniques, assignments, projects, technology, learning modules and/or syllabi that encourage active learning, problem solving, critical thinking, and the on-going acquisition and use of knowledge; or may take as its focus pedagogy research or the development of assessment tools that would be of interest to the AMS membership. The award may be used to develop young teachers in our profession or to allow for the rethinking of teaching practice by mid-career and senior-level professionals. Possible uses of the grant include, but are not limited to:

- Photocopies
- Books
- Videos and recordings
- Software
- Student assistants
- Photo permissions

The award is given annually. The winner receives a grant, the amount of which is dependent on the budget submitted (maximum amount available: \$1,500), and a certificate, conferred at the Annual Business Meeting and Awards Presentation of the Society by the chair of the committee. An individual may receive the award only once.

- URL: <http://www.ams-net.org/grants/teaching.php>

Curatorial Fellowships

Andy Warhol Foundation

Due Date: 3/1/2015, 9/1/2015

Supports curatorial programs at museums, artists' organizations and other cultural organizations that originate innovative and scholarly presentations of contemporary visual art. Projects may include exhibitions, catalogs, education, audience development, and other related activities. Also supports creation of work through artist in residence programs, the work of choreographers and performing artists when the visual arts are an element of a production, and equitable access to resources.

- URL: <http://www.warholfoundation.org/grant/overview.html>

Furthermore Grants in Publishing

J.M. Kaplan Fund

Due Date: 3/1/2015, 9/1/2015

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

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

Public Scholar Program

National Endowment for the Humanities (NEH)

Due Date: 3/3/2015

The Public Scholar program supports well-researched books in the humanities intended to reach a broad readership. Although humanities scholarship can be specialized, the humanities also strive to engage broad audiences in exploring subjects of general interest. They seek to deepen our understanding of the human condition as well as current conditions and contemporary problems. The Public Scholar program aims to encourage scholarship that will be of broad interest and have lasting impact. Such scholarship might present a narrative history, tell the stories of important individuals, analyze significant texts, provide a synthesis of ideas, revive interest in a neglected subject, or examine the latest thinking on a topic. Books supported by this program must be grounded in

humanities research and scholarship. They must address significant humanities themes likely to be of broad interest and must be written in a readily accessible style. Making use of primary and/or secondary sources, they should open up important and appealing subjects for wider audiences. The challenge is to make sense of a significant topic in a way that will appeal to general readers. By establishing the Public Scholar program, NEH enters a long-term commitment to encourage scholarship in the humanities for general audiences. In the early rounds of the competition, NEH especially welcomes applicants who are in the writing stages of their projects or who already have a commitment from a publisher. However, the Public Scholar program also supports projects in the early stages of development. The program is open to both individuals affiliated with scholarly institutions and independent scholars.

- URL: <http://www.neh.gov/grants/research/public-scholar-program>

EDUCATION

Learning & Leadership Grants

The NEA Foundation

Due Dates: 2/1/2015, 6/1/2015, 10/15/2015

The NEA Foundation provides grants to support public school teachers, public education support professionals, and/or faculty and staff in public institutions of higher education for one of the following two purposes: Grants to individuals fund participation in high-quality professional development experiences, such as summer institutes or action research; or grants to groups fund collegial study, including study groups, action research, lesson study, or mentoring experiences for faculty or staff new to an assignment.

- URL: <http://www.neafoundation.org/pages/learning-leadership-grants/>

EHR Core Research (ECR) Fundamental Research in Science, Technology, Engineering and Mathematics (STEM) Education

National Science Foundation (NSF)

Due Date: 2/3/2015, 9/10/2015

The EHR Core Research (ECR) program of fundamental research in STEM education provides funding in critical research areas that are essential, broad and enduring. EHR seeks proposals that will help synthesize, build and/or expand research foundations in the following focal areas: STEM learning,

STEM learning environments, STEM workforce development, and broadening participation in STEM. The ECR program is distinguished by its emphasis on the accumulation of robust evidence to inform efforts to (a) understand, (b) build theory to explain, and (c) suggest interventions (and innovations) to address persistent challenges in STEM interest, education, learning, and participation. The program supports advances in fundamental research on STEM learning and education by fostering efforts to develop foundational knowledge in STEM learning and learning contexts, both formal and informal, from childhood through adulthood, for all groups, and from the earliest developmental stages of life through participation in the workforce, resulting in increased public understanding of science and engineering. The ECR program will fund fundamental research on: human learning in STEM; learning in STEM learning environments, STEM workforce development, and research on broadening participation in STEM. **NSF 15-509**

- URL: <http://www.nsf.gov/pubs/2015/nsf15509/nsf15509.htm>

Education Research Projects

Spencer Foundation

Due Date: 2/5/2015

Established in 1962, the [Spencer Foundation](http://www.spencer.org) is dedicated to the belief that research is necessary to the improvement of education. To that end, the foundation supports high-quality investigations of education through its research programs and is dedicated to strengthening and renewing the educational research community through its fellowship and training programs and related activities. Through its New Civics Small Grants Program, the foundation is accepting research proposals that ask critical questions about how education can more effectively contribute to the civic development of young people. Of special interest are improved understandings of the avenues for and impediments to civic learning and civic action among young people who do not attend college, who reside in marginalized communities, who are recent immigrants or immigrants of different legal statuses, or who are less economically privileged. The program awards grants of up to \$50,000, typically extending over periods of one to four years. Eligible projects must have a principal investigator and co-PIs who have an earned doctorate in an academic discipline or professional field, or appropriate experience in an education research-related profession. In addition, the PI must be affiliated with a college, university, school district, nonprofit research facility, or nonprofit cultural institution that is willing to serve as the fiscal agent if the grant is awarded.

- URL: <http://www.spencer.org/content.cfm/how-to-apply-to-the-new-civics-under-50k>



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High School Equivalency Program

U.S. Department of Education (ED)

Due Date: 2/12/2015

The purposes of HEP are to help migrant and seasonal farmworkers and members of their immediate family: (1) Obtain a general education diploma that meets the guidelines for high school equivalency (HSE) established by the State in which the HEP project is conducted; and (2) gain employment or be placed in an institution of higher education (IHE) or other postsecondary education or training.

- URL: <http://www.gpo.gov/fdsys/pkg/FR-2014-12-29/pdf/2014-30380.pdf>

College Assistance Migrant Program

U.S. Department of Education (ED)

Due Date: 2/12/2015

The purpose of CAMP is to provide academic and financial support to help migrant and seasonal farmworkers and members of their immediate family complete their first year of college and continue in postsecondary education.

- URL: <http://www.gpo.gov/fdsys/pkg/FR-2014-12-29/pdf/2014-30210.pdf>

Board of Educational Affairs (BEA) Grants for Precollege & Undergraduate Conferences

American Psychological Association (APA)

Due Date: 2/17/2015

APA's Board of Educational Affairs will award \$10,000 in grants to support conferences on enhancing the quality of undergraduate education in psychology and advancing the teaching of psychology at the secondary, two-year or four-year level. To qualify for funding, conferences must be directed by an APA member, associate or affiliate, and meet the stated criteria. Grant recipients may use the funds to offset travel expenses of selected conference participants, registration fees of conference participants and speaker fees. Applicants may qualify for up to \$1,000 during a given year and applications for new as well as annual meetings are encouraged.

- URL: <http://www.apa.org/about/awards/professional-development.aspx>

ENGINEERING, MATHEMATICS & PHYSICAL SCIENCES

Accelerator Science

National Science Foundation (NSF)

Due Date: 2/4/2015

The Accelerator Science program will support and foster research at universities that exploits the educational and discovery potential of basic accelerator physics research, and allows the development of transformational discoveries in this crosscutting academic discipline. In particular, this program seeks to support research with the potential to disrupt existing paradigms and advance accelerator science at a fundamental level, such as enabling discoveries that lead to novel, compact, powerful, and/or cost-effective accelerators. Key questions that this program will address include: what are the fundamental limitations affecting the acceleration, control, intensity, and quality of particle beams? What novel approaches can be employed to substantially increase accelerating gradients? How can developments in other fields lead to new approaches in accelerator science and beam physics? The goal of this program is to seed and support fundamental accelerator science at universities as an academic discipline, providing the foundation in knowledge and workforce upon which major advances in accelerator-driven technologies will be based. An important component of the program will be the support and training of the next generation of accelerator scientists, including students, postdoctoral researchers, and junior faculty, who will lead innovations in the field and will form the backbone of the nation's highly trained accelerator workforce. Proposals for experimental, theoretical, and/or simulation-based research are welcome. Priority will be given to those proposals that enable the discovery science supported by the MPS Division of Physics. **PD 14-7243**

- [URL:http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504937&WT.mc_id=USNSF_39&WT.mc_ev=click](http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504937&WT.mc_id=USNSF_39&WT.mc_ev=click)

Global Chemical Security Engagement Activities

U.S. Department of State

Due Date: 2/13/2015

The Office of Cooperative Threat Reduction (CTR), part of the Department's Bureau of International Security and Nonproliferation (ISN), sponsors foreign assistance activities funded by the Nonproliferation, Anti-terrorism, Demining and Related Programs (NADR) account, and focuses on mitigating proliferation risk in frontline states and regions where the terrorist threat is on the rise, such as South Asia, the Middle East, and North Africa. ISN/CTR administers the Chemical Security Program (CSP), which seeks to reduce global chemical threats by implementing projects that enhance the ability of partner nations to disrupt chemical attack plots and strengthen the security of weapons-applicable chemical materials, expertise, and related infrastructure. CSP focuses programmatic efforts

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in countries facing active or imminent chemical threats, while maintaining or establishing a presence in countries of strategic importance to the program. CSP funding prioritization is based on the presence of abundant and vulnerable weaponizable chemical materials and infrastructure that can be acquired by terrorist networks intent on conducting weapons of mass destruction (WMD) attacks. **S- ISNCT-15-002**

- URL: <https://www.grantsolutions.gov/qs/preaward/previewPublicAnnouncement.do?id=50297>

Small Business Innovation Research (SBIR) Program

U.S. Department of Defense (DoD)

Due Date: 2/18/2015

The Army, Navy, Air Force, DARPA, DHP and USSOCOM, hereafter referred to as DoD Components, invite small business firms to submit proposals under this solicitation for the Small Business Innovation Research (SBIR) Program. Firms with the capability to conduct research and development (R&D) in any of the defense-related topic areas described in Section 12.0 and to commercialize the results of that R&D are encouraged to participate. The objectives of the DoD SBIR Program include stimulating technological innovation in DoD's Science and Technology Emphasis Areas, strengthening the role of small business in meeting DoD research and development needs, fostering and encouraging participation by minority and disadvantaged persons in technological innovation, and increasing the commercial application of DoD-supported research or research and development results. **Program Solicitation FY 15.1**

- URL: <http://www.acq.osd.mil/osbp/sbir/solicitations/sbir20151/index.shtml>

Small Business Technology Transfer (STTR) Program

U.S. Department of Defense (DoD)

Due Date: 2/18/2015

The Army, Navy and Air Force, hereafter referred to as DoD Components, invite small business firms and research institutions to jointly submit proposals under this solicitation for the Small Business Technology Transfer (STTR) Program. Firms with the capability to conduct research and development (R&D) in any of the defense-related topic areas described in Section 12.0 and to commercialize the results of that R&D are encouraged to participate. The STTR Program, although modeled substantially on the Small Business Innovation Research (SBIR) Program, is a separate program and is separately financed. Subject to availability of funds, DoD Components will support high quality cooperative research and development proposals of innovative concepts to solve the listed defense-related scientific or engineering problems, especially those concepts that also have high potential for

commercialization in the private sector. Partnerships between small businesses and Historically Black Colleges and Universities (HBCUs) or Minority Institutions (MIs) are encouraged, although no special preference will be given to STTR proposals from such offerors. The objectives of the DoD STTR Program include stimulating technological innovation in DoD's Science and Technology Emphasis Areas, strengthening the role of small business in meeting DoD research and development needs, fostering and encouraging participation by minority and disadvantaged persons in technological innovation, and increasing the commercial application of DoD-supported research or research and development results. **PROGRAM SOLICITATION FY 15.A**

- URL: <http://www.acq.osd.mil/osbp/sbir/solicitations/sttr2015A/index.shtml>

NSF/Intel Partnership on Visual and Experiential Computing (VEC)

National Science Foundation (NSF) / Intel Labs University Collaboration Office

Due Date: 2/20/2015

The advancement of sensing technology such as RGBD (Red Green Blue Depth), multi-camera and light field imaging systems, networks of sensors, advanced visual analytics and cloud computing will challenge the longstanding paradigms of capturing, creating, analyzing and utilizing visual information. Advances in Visual and Experiential Computing (VEC) will enable capability, adaptability, scalability, and usability that will far exceed the simple information systems of today. VEC technology will transform the way people interact with visual information through, for example, the realization of new mobile and wearable devices and the emergence of autonomous machines and semantically aware spaces. VEC research will drive innovation and competition in many industrial sectors as well as enhance the quality of life for ordinary people. Fast growing visual data has become a bottleneck in human decision processes in several emergent situations. New VEC technology is crucial to extracting information from complex visual and related data sets, combining this information with intuitive modes of human perception, and generating actionable information. The goal of this joint solicitation between NSF and Intel is to foster novel, transformative, multidisciplinary approaches that promote research in VEC technologies, taking into consideration the various challenges present in this field. This solicitation aims to foster a research community committed to advancing research and education at the confluence of VEC technologies, and to transitioning its findings into practice. NSF and Intel will support three types of projects, each three years in duration: Small projects with funding from \$500,000 to \$1,000,000 per project; Medium projects with funding from \$1,000,001 to \$2,000,000 per project; and Large projects with funding from \$2,000,001 to \$3,000,000. It is intended that NSF and Intel will cofund each project in equal amounts. **NSF 15-518**

- URL: <http://www.nsf.gov/pubs/2015/nsf15518/nsf15518.htm>

Advanced Research Projects Agency – Energy (ARPA-E)

U.S. Department of Energy (DoE)

Due Date: Notice of Intent 2/20/2015; Concept Papers 2/27/2015; Full Applications TBD

ARPA-E seeks to support transformational research in all areas of energy R&D, covering transportation and stationary applications. Areas of research responsive to this FOA include (but are not limited to) electricity generation by both renewable and non-renewable means; electricity transmission, storage, and distribution; energy efficiency for buildings, manufacturing and commerce, and personal use; and all aspects of transportation, including the production and distribution of both renewable and non-renewable fuels, electrification, and energy efficiency in transportation. Because of the enormous breadth of energy technologies solicited under an OPEN FOA, it is impossible to provide the well-defined technical targets contained in an ARPA-E FOA for a focused technology program. Rather, ARPA-E asks applicants to address the potential impact of the proposed technology on the agency's Mission Areas: reducing imported energy, reducing energy-related emissions, and improving energy efficiency. The critical question for applicants to consider in assessing potential impact is: "If it works, will it matter?" In a FOA for a focused technology program, this question has already been answered by ARPA-E. If an applicant can demonstrate that the proposed technology can achieve the technical targets specified in the FOA for a focused program, the agency believes that the technology can have significant impact on the agency's missions. In an OPEN FOA, the burden of demonstrating potential impact lies solely upon the applicant, who must make the strongest possible case for why the proposed technology will matter – that it has the potential to change our energy future. **DE-FOA-0001261**

- **URL:** <https://arpa-e-foa.energy.gov/#Foaldce3cc85c-75cb-4d73-baa5-3cee39bb6bc7>

Research Cluster Grant

Silicon Mechanics

Due Date: 3/1/2015

For the fourth year in a row, Silicon Mechanics is pleased to announce our sponsorship of a unique grant opportunity: two complete High-Performance Computing Clusters using Intel processors and NVIDIA GPU accelerators. This grant program is open to all US and Canadian qualified post-secondary institutions, university-affiliated research institutions, non-profit research institutions, and researchers at federal labs with university affiliations. We are very interested in applications that show the most appropriate use of the technologies to be awarded. If you have any questions, please do not hesitate to contact us at research-grant@siliconmechanics.com.

- **URL:** <http://www.siliconmechanics.com/i43822/research+cluster+grant+information.php>



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The Claire Boothe Luce Program (Women in Science, Math and Engineering)

Henry Luce Foundation

Due Date: 3/2/2015

Since its first grants in 1989 the Clare Boothe Luce Program (CBL) has become the single most significant source of private support for women in science, mathematics and engineering. Clare Boothe Luce, the widow of Henry R. Luce, was a playwright, journalist, U.S. Ambassador to Italy, and the first woman elected to Congress from Connecticut. In her bequest establishing this program, she sought “to encourage women to enter, study, graduate, and teach” in science, mathematics and engineering. Thus far, the program has supported more than 1900 women. The program supports women in science, math and engineering at three levels: 1) undergraduate scholarships and research awards; 2) graduate and postdoctoral fellowships; and 3) term support for tenure-track appointments at the assistant or associate professorship level. All awards must be used in the U.S. (not for travel or study abroad). **PROGRAM DETAILS:**

- **Grants are made to four-year degree-granting institutions, not directly to individuals**
- Preference is given for support of women in the physical science and engineering fields in which women are the most underrepresented, e.g., physics, computer science, mathematics, electrical engineering, mechanical engineering, etc.
- Catholic Institutions with strong science programs are especially encouraged to apply (according to the terms of the bequest, at least 50% of the awards go to Roman Catholic colleges or universities)
- Student recipients must be U.S. citizens; faculty recipients must be U.S. citizens or permanent residents
- Medical and social science fields are excluded

- **URL:** <http://www.hluce.org/cblprogram.aspx>

Small Business Innovation Research (SBIR) Program

U.S. Department of Transportation (DOT)

Due Date: 3/9/2015

The United States Department of Transportation (U.S. DOT) welcomes small businesses to participate in the U.S. DOT’s Small Business Innovation Research (SBIR) program. The purpose of this solicitation is to invite small businesses (with their valuable resources and creative capabilities) to submit innovative research proposals that address high priority requirements of the U.S. DOT as described in Section IX herein. Under the SBIR Program, the U.S. DOT will not accept unsolicited proposals. Phase I

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research topics for U.S. DOT Operating Administrations are contained in the solicitation (see link below). These topics indicate the specific areas for which proposals are to be considered for acceptance by U.S. DOT. The topics are not listed in any order of priority. Each proposal submitted must respond to one (and only one) topic and/or focus area as described in this section. A proposal may, however, indicate and describe its relevance to other topics. **Program Solicitation 15.1**

- URL: <http://www.volpe.dot.gov/work-with-us/small-business-innovation-research>

HEALTH, LIFE & EARTH SCIENCES

Student Health 101 Award

American College Health Foundation

Due Date: 1/31/2015

Since 1920, the [American College Health Association](http://www.acha.org) and the [American College Health Foundation](http://www.acha.org/ACHF) have linked college health professionals across the nation and the globe into a powerful, collaborative networking base. College is a perfect environment in which to engage young adults in the establishment of life-long healthy habits while avoiding behaviors with adverse consequences. Health promotion delivered in creative ways with measurable outcomes is an invaluable tool to that end. In support of those goals, ACHF, in partnership with [Student Health 101](http://www.acha.org/ACHF/student_health_101_award.cfm), will award a grant of \$2,500 in support of an initiative involving health promotion communications, research, advocacy, and other activities related to preventive health strategies affecting college students. The program is designed to fund the development of a creative initiative that involves student peers in an effort to promote healthy behaviors. Only campus health professionals who are American College Health Association members are eligible to apply.

- URL: http://www.acha.org/ACHF/student_health_101_award.cfm

Alcohol Education Project Grants (R25)

National Institutes of Health (NIH) – National Institute on Alcohol Abuse and Alcoholism (NIAAA)

Due Date: 2/6/2015, then standard due dates apply

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of the National Institute on Alcohol Abuse and Alcoholism



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(NIAAA) R25 program is to foster a better understanding of biomedical, behavioral and clinical research and its implications. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Curriculum or Methods Development and Outreach activities for Health Professionals. **PAR-15-054**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-054.html>

NCI Mentored Research Scientist Development Award to promote Diversity (K01)

National Institutes of Health (NIH) – National Cancer Institute (NCI)

Due Date: 2/12/2015, 6/12/2015, 10/12/2015 (standard due dates apply)

The purpose of the NCI Mentored Research Scientist Development Award (K01) is to enhance the diversity of the NCI-funded cancer research workforce by supporting eligible individuals from groups that have been shown to be underrepresented in the biomedical, behavioral, social and clinical sciences. This FOA provides salary and research support for a sustained period of "protected time" for intensive research career development under the guidance of an experienced mentor, or sponsor. The Diversity Training Branch (DTB) of the Center to Reduce Cancer Health Disparities (CRCHD), at the National Cancer Institute (NCI), invites career development award applications (K01) from individuals from backgrounds that have been shown to be underrepresented in health-related science. **PAR-15-064**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-064.html>

Epidemiology of Drug Abuse

National Institutes of Health (NIH) - National Institute on Drug Abuse (NIDA)

Due Dates: standard due dates apply – vary depending on mechanism

This Funding Opportunity Announcement (FOA) is intended to support research projects to enhance our understanding of the nature, extent, distribution, etiology, comorbidities, and consequences of drug use, abuse, and addiction across individuals, families, communities, and diverse population groups. This FOA strongly encourages applications that reflect the breadth of epidemiology research by addressing multiple levels of risk, resilience, and causation across scientific disciplines; by applying novel methods to advance knowledge of the interplay among genetic, environmental, and developmental factors and between social environments and associated health and disease outcomes; and by building on the research investments of NIH and

sister HHS agencies to harness existing data on the epidemiology and etiology of drug abuse to improve public health prevention and treatment programs.

R21: PA-15-001 – 2/16/2015, 6/16/2015, 10/16/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-15-001.html>

R03: PA-15-002 – 2/16/2015, 6/16/2015, 10/16/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-15-002.html>

R01: PA-15-003 – 2/5/2015, 6/5/2015, 10/5/2015

- URL: <http://grants.nih.gov/grants/guide/pa-files/PA-15-003.html>

NIH Big Data to Knowledge (BD2K) Initiative Research Education: Massive Open Online Course (MOOC) on Data Management for Biomedical Big Data (R25)

National Institutes of Health (NIH)

Due Date: Letters of Intent 2/17/2015, Applications 3/17/2015

The NIH Research Education Program (R25) supports research educational activities that complement other formal training programs in the mission areas of the NIH Institutes and Centers. The over-arching goals of the NIH R25 program are to: (1) complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs; (2) enhance the diversity of the biomedical, behavioral and clinical research workforce; (3) help recruit individuals with specific specialty or disciplinary backgrounds to research careers in biomedical, behavioral and clinical sciences; and (4) foster a better understanding of biomedical, behavioral and clinical research and its implications. The over-arching goal of this Big Data to Knowledge (BD2K) R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. **RFA-LM-15-001**

To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on:

- Curriculum or Methods Development: In particular, the creation of a massive open online course (MOOC) that can be used by librarians, faculty, students and others to learn concepts, approaches and best practices in the area of data management, and also used in conjunction with local training activities about the management of biomedical Big Data.
- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-LM-15-001.html>

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Geotechnical Engineering and Materials (GEM)

National Science Foundation (NSF)

Due Date: 2/17/2015, 9/15/2015

The Geotechnical Engineering and Materials (GEM) Program combines and replaces the Geotechnical Engineering Program and the Geomechanics and Geomaterials Program. This new Program supports fundamental research in soil and rock mechanics and dynamics in support of physical civil infrastructure systems. Also supported is research on improvement of the engineering properties of geologic materials by mechanical, biological, thermal, chemical, and electrical processes. The Program supports civil engineering applications in the traditional areas of foundation engineering, earth structures, underground construction, tunneling, geoenvironmental engineering, and site characterization, as well as the emerging area of bio-geo engineering, with emphasis on sustainable geosystems. Research related to the geotechnical engineering aspects of geothermal energy and geothermal heat pump systems is also supported. **PD 15-1636**

- URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13351

BRAIN Initiative: Planning for Next Generation Human Brain Imaging (R24)

National Institutes of Health (NIH)

Due Date: Letters of Intent 2/18/2015; Applications 3/18/2015

This funding opportunity announcement (FOA), in support of the NIH Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative, aims to support planning activities and the initial stages of development of entirely new or next generation brain imaging technologies and methods that will lead to transformative advances in our understanding of the human brain. **RFA-MH-15-200**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-200.html>

BRAIN Initiative: Short Courses in Computational Neuroscience (R25)

National Institutes of Health (NIH)

Due Date: Letters of Intent 2/18/2015; Applications 3/18/2015

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will



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support creative educational activities with a primary focus on Courses for Skills Development. This FOA will support short courses to facilitate the development of a sophisticated cadre of investigators with the requisite knowledge and skills in computational neuroscience perspectives and techniques for analyzing and interpreting complex, high-dimensional neuroscience data to advance the BRAIN Initiative. For the purposes of this FOA, computational neuroscience encompasses theoretical neuroscience, computational and mathematical modeling of neural systems, and/or statistical perspectives and techniques. Each short course is expected to include both didactics and in-person/hands-on experiences. This FOA is intended for participants who are graduate students, medical students, postdoctoral scholars, medical residents, and/or early-career faculty. **RFA-MH-15-215**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-215.html>

BRAIN Initiative: Short Courses in Research Tools and Methods (R25)

National Institutes of Health (NIH)

Due Date: Letters of Intent 2/18/2015; Applications 3/18/2015

The NIH Research Education Program (R25) supports research education activities in the mission areas of the NIH. The over-arching goal of this Brain Research through Advancing Innovative Neurotechnologies (BRAIN) Initiative R25 program is to support educational activities that complement and/or enhance the training of a workforce to meet the nation's biomedical, behavioral and clinical research needs. To accomplish the stated over-arching goal, this FOA will support creative educational activities with a primary focus on Courses for Skills Development that will build participants' foundational knowledge and skills in the rigorous use of state-of-the-art scientific tools and methods that contribute to, and are developed in response to, the major goals of the BRAIN Initiative. Each short course is expected to include both didactics and in-person / hands-on experiences. This FOA is intended for participants who are graduate students, medical students, postdoctoral scholars, medical residents, and/or early-career faculty. **RFA-MH-15-220**

- URL: <http://grants.nih.gov/grants/guide/rfa-files/RFA-MH-15-220.html>

BRAIN Initiative: Integrated Approaches to Understanding Circuit Function in the Nervous System (U01)

National Institutes of Health (NIH)

Due Date: Letters of Intent 2/18/2015; Applications 3/18/2015

The purpose of this FOA is to promote the integration of experimental, analytic, and theoretical capabilities for large-scale analysis of neural systems and circuits. This FOA seeks applications for exploratory research studies that use new and emerging methods for large scale recording and

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manipulation of neural circuits across multiple brain regions. Applications should propose to elucidate the contributions of dynamic circuit activity to a specific behavioral or neural system. Studies should incorporate rich information on cell-types, on circuit functionality and connectivity, and should be performed in conjunction with sophisticated analysis of complex, ethologically relevant behaviors. Applications should propose teams of investigators that seek to cross boundaries of interdisciplinary collaboration by bridging fields and linking theory and data analysis to experimental design. Exploratory studies supported by this FOA are intended to develop experimental capabilities and quantitative, theoretical frameworks in preparation for a future competition for large scale awards. **RFA-NS-15-005**

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

Education Projects

National League of Nursing

Due Date: 2/19/2015

The [National League for Nursing](http://www.nln.org) is inviting applications for its 2015 NLN Nursing Education Research grants program. The annual program is designed to support high-quality studies that contribute to the development of the science of nursing education and promote the diversity of research topics, as well as investigators who demonstrate rigor and innovative approaches that advance the field of nursing education research. Grants of up to \$2,500 will be awarded to projects that build links between practice and education, develop more rigorous and robust research designs and evaluation protocols, and create leadership opportunities for faculty and nursing education research scholars. To be eligible, the principal investigator must be a current member of NLN, either through his or her institution or through the payment of individual dues.

- URL: <http://www.nln.org/researchgrants/nlngrants.htm>

Building on High Impact Basic Neurobiology Through Assay Development: Advancing Tools for Therapeutic Discovery (R01)

Department of Health and Human Services (HHS) - National Institutes of Health (NIH)

Due Dates: 2/23/2015

This funding opportunity announcement (FOA) encourages research grant applications from institutions/organizations to develop novel, robust assays to reveal changes in neuronal and/or glial function. The goal is to adapt state-of-the-art measures of basic cellular processes or molecular events that are key mediators of nervous system function with the intent to probe mechanisms or perturbations in an unbiased and efficient manner. These novel assays would

provide opportunities to measure neurobiological endpoints and build a pipeline to be used in the context of target identification and drug discovery. **PAR-15-066**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-066.html>

Cognitive Neuroscience

National Science Foundation (NSF)

Due Date: 2/25/2015

The Cognitive Neuroscience Program seeks highly innovative and interdisciplinary 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, including how such processes develop and change in the brain and through time. **NSF 14-514**

- URL: <http://www.nsf.gov/pubs/2014/nsf14514/nsf14514.htm>

Huyck Research Grants

Huyck Preserve & Biological Research Station

Due Date: 3/2/2015

The Huyck Preserve is a non-profit, independent field station with no formal university affiliation, supported by members and endowments. Huyck Research Grant awards are distributed each year to regional, national, and international applicants. The Huyck Preserve and Biological Research Station awards four to five Huyck Research Grants each year to selected scientists and graduate students. Over the last several decades, more than \$250,000 in grants have been awarded to support research conducted at the Huyck Preserve. Huyck Research Grants help fund research projects in a variety of disciplines that focus on natural systems of the Huyck Preserve. We support work in basic and applied ecology, conservation biology, taxonomy, animal behavior, evolution, earth sciences, land use history, and other areas of natural science. The typical grant award is around \$2,000, but can be as much as \$3,500 for more established researchers and/or projects that involve extended residencies. Professors, graduate, and postdoctoral student investigators are all eligible. The funds may be used for the purchase of equipment, travel, food, publication costs, and stipends for assistant/student researchers. **Preference is given to proposals that involve residencies of one week or longer.** As part of the Huyck Preserve's continued efforts to share scientific research with the broader community and the members that have supported research endeavors at the Preserve, Huyck Research Grant recipients are required to participate in scientific outreach while they are in residence

through presentations at our Annual Science Symposium, Thursday Night Lecture Series, our bi-annual newsletter, through guided public hikes, and/or as a guest lecturer for our educational programs.

- URL: <https://www.huyckpreserve.org/huyck-research-grants.html>

Academic-Industrial Partnerships for Translation of Technologies for Cancer Diagnosis and Treatment (R01)

National Institutes of Health (NIH) – National Cancer Institute (NCI)

Due Date: 3/6/2015 (thereafter, standard due dates apply)

This Funding Opportunity Announcement (FOA) encourages applications from research partnerships formed by academic and industrial investigators, to accelerate the translation of technologies, methods, assays or devices, and/or systems for preclinical or clinical molecular diagnosis or in vitro imaging that are designed to solve a targeted cancer problem. The proposed systems may include molecular diagnosis, molecular imaging or related research resources. Funding may be requested to enhance, adapt, optimize, validate, and otherwise translate the following examples, among others: (a) current commercially supported systems, (b) next-generation systems, (c) quality assurance and quality control, (d) validation and correlation studies, (e) quantitative imaging, and (f) related research resources. Because applications should be translational in scope, this FOA defines innovation as a coherent translational plan to deliver emerging or new capabilities for preclinical or clinical use that are not yet broadly employed in preclinical or clinical settings. In addition, innovation may be considered as delivery of a new capability to end users. The partnership on each application should establish an inter-disciplinary, multi-institutional research team to work in strategic alliance to implement a coherent strategy to develop and translate their system to solve their chosen cancer problem. This FOA will support clinical trials that test functionality, optimize, and validate the performance of the proposed translational work. This FOA does not intend to support either actual commercial production or basic research projects that do not emphasize translation. **PAR-15-075**

- URL: <http://grants.nih.gov/grants/guide/pa-files/PAR-15-075.html>

MULTIPLE DISCIPLINES

Community Partnerships to Advance Research (CPAR) (R01)

National Institutes of Health (NIH)

Due Dates: Standard due dates apply (see below for specific mechanism)

This funding opportunity announcement (FOA) encourages researchers to partner with communities using Community Engaged Research (CEnR) methodologies that will enhance relationships leading to better interventions and positive health outcomes. Partnership is defined as an association of two or more persons or entities that conduct a study as equal co-investigators. Community Engagement (CE) lies on a continuum that reflects the level of involvement of community members, or representatives of community populations, in research. This continuum of involvement in research efforts ranges from community consent to research, to full participation and shared leadership of community members in research design and eventual dissemination and implementation. Advances in translating research findings into practice have been made; however, such advances have not been realized by all members of society according to age, race, ethnicity, and socioeconomic group. Narrowing the gap in translational research within the NINR strategic areas of emphasis is a priority for the Institute. Using CE approaches and addressing areas such as self and symptom management, health promotion and prevention is one way to narrow the gap. CE can take many forms, and partners can include community based groups, agencies such as the Center for Medicare and Medicaid Services (CMS) innovation centers, Centers for Disease Control and Prevention (CDC) prevention Research Centers, Health Resources and Services Administration (HRSA) Community Health Centers (CHC) and Federally Qualified Health Centers (FQHC), other academic health institutions, or individuals. Collaborators may be engaged in health promotion/prevention, clinical or intervention research.

R01: PAR-14-142 – Due Dates: 2/5/2015, 6/5/2015, 10/5/2015

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-142.html>

R21: PAR-14-141 – Due Dates: 2/16/2015, 6/16/2015, 10/16/2015

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-141.html>

R15: PAR-14-140 – Due Dates: 2/25/2015, 6/25/2015, 10/25/2015

URL: <http://grants.nih.gov/grants/guide/pa-files/PA-14-140.html>



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Engineering for Natural Hazards (ENH)

National Science Foundation (NSF)

Due Date: 2/17/2015, 9/15/2015

The goals of the Engineering for Natural Hazards (ENH) program are to prevent natural hazards from becoming disasters, and to broaden consideration of natural hazards independently to the consideration of the multi-hazard environment within which the constructed civil infrastructure exists. The ENH program, PD 15-7396, replaces the annual George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES) research (NEESR) program solicitations to enable proposal submissions during the two CMMI unsolicited proposal submission windows each year, with the due dates shown above, and to support fundamental research for a broader range of natural hazards, including earthquakes, windstorms (tornadoes and hurricanes), tsunamis and landslides. The ENH program also supports natural hazards engineering research that had been supported under the Hazard Mitigation and Structural Engineering Program (HMSE) (PD 13-1637) and the Geotechnical Engineering (GTE) Program (PD 12-1636). The constructed civil infrastructure supported by the ENH program includes building systems such as the soil-foundation-structure-envelope-nonstructural system, as well as the façade and roofing, and other structures, geostructures, and underground facilities such as tunnels. While research may focus on a single natural hazard, research that considers civil infrastructure design and performance in the context of multiple hazards, that is, a multi-hazard approach, is encouraged. Research may integrate geotechnical, structural, and architectural engineering advances with discoveries in other science and engineering fields such as earth and atmospheric sciences, materials science, mechanics of materials, dynamical systems and control, systems engineering, decision theory, risk analysis, high performance computational modeling and simulation, and social, behavioral, and economic sciences. Multi-disciplinary and international collaborations are encouraged. Research topics of interest to the ENH program include, but are not limited to: advances in system-level design concepts for new and existing sustainable civil infrastructure to achieve desired lifetime system-level performance under single or multi-hazard loadings; advances in geotechnical engineering for design and construction of natural hazard-resistant foundations and geostructures, liquefaction mitigation, soil-foundation-structure interaction, levee and earth dam stability, and landslide, mudflow and debris flow analysis and mitigation, with a focus on field or system performance; applications of decision theory for design concepts for civil infrastructure to achieve desired lifetime system-level performance for both multi-hazard resilience and sustainability; and advances in computational modeling and simulation that integrate theory, computation, experimentation, and data, as appropriate, to advance natural hazard mitigation for civil infrastructure. The ENH program encourages knowledge dissemination and technology transfer activities that can lead to broader societal benefit and implementation for natural hazard mitigation for civil infrastructure. **PD 15-7396**

- **URL:**http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=505177&WT.mc_id=USNSF_25&WT.mc_ev=click

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Infrastructure Management and Extreme Events (IMEE)

National Science Foundation (NSF)

Due Date: 2/17/2015, 9/15/2015

The IMEE program supports fundamental, multidisciplinary research on the impact of hazards and extreme events upon civil infrastructure and society. The program is focused upon research on the mitigation of, preparedness for, response to, and recovery from multi-hazard disasters. Community and societal resilience and sustainability are important topics within the research portfolio of IMEE. The program is deeply multidisciplinary and attempts to integrate multiple issues from civil, mechanical, transportation, and system engineering, sociology, psychology, economics, geography, political science, urban planning, epidemiology, natural and physical science, and computer science. With regard to the four core emphasis areas of mitigation, preparedness, response and recovery, a variety of topics are supported. The following list provides examples of the kinds of topics and issues that may be supported, though the list is not exhaustive and other, innovative topics may be proposed. Mitigation research may focus upon issues such as the analysis of structural and non-structural mitigation effectiveness, local capacity building for risk reduction, and social and physical vulnerability analyses. Preparedness research may involve studies on warning and risk communication, evacuation, multi-hazard emergency planning, and the effectiveness of pre-disaster planning. Response research may examine such issues as infrastructure interdependencies and cascading disasters, innovation and improvisation in emergency management, and the use of new communication technology and social media in emergency management. Recovery research may examine linking disaster recovery to the mitigation of future disasters, resilience metrics and models, resilience of interdependent infrastructure processes and systems, and social factors related to economic recovery and resilience. **PD 15-1638**

- **URL:** http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13353

SOCIAL & BEHAVIORAL SCIENCES

Perception, Action and Cognition

National Science Foundation (NSF)

Due Date: Research Proposals 2/2/2015, 8/3/2015; Workshop and Conference Proposals 4/15/2015, 6/15/2015

Supports research on perception, action and cognition. Emphasis is on research strongly grounded in theory. Central research topics for consideration by the Perception, Action, and Cognition panel

include vision, audition, haptics, attention, memory, reasoning, written and spoken discourse, and motor control. The program encompasses a wide range of theoretical perspectives, such as symbolic computation, connectionism, ecological, nonlinear dynamics, and complex systems, and a variety of methodologies including both experimental studies and modeling. The PAC program is open to co-review of proposals submitted to other programs (e.g., Linguistics, Developmental and Learning Sciences, Cognitive Neuroscience, etc). Proposals may involve clinical populations, animals, or computational modeling only if the work has direct impact on basic issues of human perception, action, or cognition. **PD 09-7252**

- **URL:**http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5686&WT.mc_id=USNSF_39&WT.mc_ev=click

Research on the Science and Technology Enterprise: Statistics and Surveys – R&D, U.S. S&T Competitiveness, STEM Education, S&T Workforce

National Science Foundation (NSF)

Due Date: 2/18/2015

The National Center for Science and Engineering Statistics (NCSES) of the National Science Foundation (NSF) is one of the thirteen principal federal statistical agencies within the United States. It is responsible for the collection, acquisition, analysis, reporting and dissemination of objective, statistical data related to the science and engineering enterprise in the United States and other nations that is relevant and useful to practitioners, researchers, policymakers and the public. NCSES uses this information to prepare a number of statistical data reports as well as analytical reports including the National Science Board's biennial report, *Science and Engineering (S&E) Indicators*, and *Women, Minorities and Persons with Disabilities in Science and Engineering*. The Center would like to enhance its efforts to support analytic and methodological research in support of its surveys, and to engage in the education and training of researchers in the use of large-scale nationally representative datasets. NCSES welcomes efforts by the research community to use NCSES data for research on the science and technology enterprise, to develop improved survey methodologies for NCSES surveys, to create and improve indicators of S&T activities and resources, and strengthen methodologies to analyze and disseminate S&T statistical data. To that end, NCSES invites proposals for individual or multi-investigator research projects, doctoral dissertation improvement awards, workshops, experimental research, survey research and data collection and dissemination projects under its program for Research on the Science and Technology Enterprise: Statistics and Surveys. **NSF 15-521**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15521/nsf15521.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

OVW FY2015 Grants to Enhance Specific Services for Victims of Sexual Assault, Domestic Violence, Dating Violence and Stalking Program Solicitation

U.S. Department of Justice (DoJ) – Office on Violence against Women (OVW)

Due Date: 2/19/2015

This program creates an opportunity for culturally specific community-based organizations to address the critical needs of sexual assault, domestic violence, dating violence, and stalking victims in a manner that affirms a victim's culture and effectively addresses language and communication barriers. Advocates report that survivors are more inclined to seek services from organizations that are familiar with their culture, language and background and that there is no "one size fits all" approach to adequately address these critical needs. Culturally specific community-based organizations are better equipped to form essential relationships and engage their communities in the creation and implementation of services relevant to the diverse and unique needs of the victims. **Colleges and universities are eligible to apply when they collaborate with nonprofit organizations that focus primarily on culturally specific communities and have experience in the area of sexual assault or who partner with an organization having such expertise. OVW-2015-4033**

- **URL:**http://www.justice.gov/sites/default/files/ovw/pages/attachments/2015/01/06/fy2015_cls_sp_solicitation.pdf

Resource Implementations for Data Intensive Research in the Social Behavioral and Economic Sciences (RIDIR)

National Science Foundation (NSF)

Due Date: 2/23/2015

As part of NSF's Cyberinfrastructure Framework for 21st Century Science and Engineering (CIF21) activity, the Directorate for Social, Behavioral and Economic Sciences (SBE) seeks to develop user-friendly large-scale next-generation data resources and relevant analytic techniques to advance fundamental research in SBE areas of study. Successful proposals will, within the financial resources provided by the award, construct such databases and/or relevant analytic techniques and produce a finished product that will enable new types of data-intensive research. The databases or techniques should have significant impacts, either across multiple fields or within broad disciplinary areas, by enabling new types of data-intensive research in the SBE sciences. **NSF 15-523**

- **URL:**http://www.nsf.gov/pubs/2015/nsf15523/nsf15523.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

STUDENTS

Theoretical Computer Science Award for Graduate Students

Simons Foundation

Due Date: 2/12/2015

The [Simons Foundation](http://www.simonsfoundation.org) is accepting applications for the Simons Award for Graduate Students in Theoretical Computer Science program from graduate students with an outstanding track record of research accomplishments. The annual program is designed to identify and support these students and enable them to pursue collaborations with their peers and more senior researchers. Awards provide up to \$24,000 a year for two years. Awardees must be a graduate student for the duration of the award. Each award will provide up to \$8,500 a year for the awardee to use at his/her discretion (e.g., travel to summer research locations or to conferences, equipment, books, personal computer); up to \$9,000 a year for summer salary support; \$2,500 a year to help enhance the research atmosphere of the awardee's department; and \$4,000 to the institution for administrative expenses. To be eligible, all applicants must be graduate students who have completed two, three, or four years at a United States or Canadian institution of higher education. Applicants also must have a track record of outstanding results in theoretical computer science. There are no citizenship requirements. For-profit organizations may not apply. There is a limit of two applications per university. Complete program guidelines and application instructions are available at the Simons Foundation website.

- URL: <https://www.simonsfoundation.org/funding/funding-opportunities/mathematics-physical-sciences/simons-award-for-graduate-students-in-theoretical-computer-science/>

STRI Research Experience for Undergraduates Program

Smithsonian Tropical Research Institute (STRI)

Due Date: 2/15/2015

Join 9 other students for an intensive summer program in Integrative Tropical Biology. Our 10-week program is driven by the common need to understand how biological systems are integrated to answer questions about the origins, maintenance, and preservation of biodiversity. Over the 10 weeks, you will conduct mentor-driven research at STRI on elements of existing projects that fit your needs. Additionally, you will participate in workshops, professional development activities, and networking events that will challenge you to critically think about science and present several opportunities for future academic careers. This REU program is supported by NSF's Office of International and Integrative Activities and the Directorate of Biological Sciences and STRI.

- URL: <http://stri.si.edu/reu/english/>

Summer Intern Program in Geosciences

Carnegie Institution of Washington

Due Date: 2/28/2015

The Geophysical Laboratory (GL), a department of the Carnegie Institution of Washington, a nonprofit scientific research institution located in Washington DC, has been a leader in earth science research and education since its founding. The goal of our Summer Scholars program is to provide eligible undergraduate students with a participatory introduction to scientific research. Students may carry out fundamental investigations in experimental petrology, mineralogy, mineral physics, crystallography, chemistry, or condensed matter physics, the unifying theme being studies at extreme conditions of pressure and/or temperature. During the ten-week summer program, undergraduate students will conduct an individual research project with guidance from a GL staff member. The summer program starts June 1, 2015 and ends August 7, 2015. This program is funded by the U.S. Department of Energy through the Carnegie-DOE Alliance Center, which is headquartered at the Geophysical Laboratory.

- URL: <https://www.gl.ciw.edu/static/groups/summerscholars/apply.html>