

**New Funding Opportunities
October 3, 2013**

Aloha,

Here are some current funding opportunities that might be of interest to you. Please pass this information on to anyone else who could use it. If the deadline is too short for this year, it is still a good indication of the likely due date for next year. **Let me know if I can be of any assistance with developing and submitting a grant application.**

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For information on submitting grants electronically on grants.gov the following publication may be useful:

USDA, NIFA Grants.gov Application Guide – A guide for the preparation and submission of NIFA applications via grants.gov:

<http://apply07.grants.gov/apply/opportunities/instructions/oppUSDA-NIFA-CGP-002644-cfda10.217-instructions.pdf%20target>

NIFA Help Desk - Phone: 202-401-5048 (M-F 7:00 am -5:00 pm ET)

UH Office of Research Services (ORS) Grants.gov Cover Page Information:

http://www.ors.hawaii.edu/library/documents/SF424_Instructions.pdf

UH ORS Institutional Profile Information:

<http://www.ors.hawaii.edu/institutional-profile.asp>

UH ORS Help Desk – Phone: 956-5198 (M-F 7:45-4:30 pm HST)

\$ - NSF, NIH - [Smart and Connected Health \(SCH\)](#) (NSF 13-543)

Deadline Date: October 10, 2013

The goal of the Smart and Connected Health (SCH) Program is to accelerate the development and use of innovative approaches that would support the much needed transformation of healthcare from reactive and hospital-centered to preventive, proactive, evidence-based, person-centered and focused on well-being rather than disease. Approaches that partner technology-based solutions with biobehavioral health research are supported by multiple agencies of the federal government including the National Science Foundation (NSF) and the National Institutes of Health (NIH). The purpose of this program is to develop next generation health care solutions and encourage existing and new research communities to focus on breakthrough ideas in a variety of areas of value to health, such as sensor technology, networking, information and machine learning technology, decision support systems, modeling of behavioral and cognitive processes, as well as system and process modeling. Effective solutions must satisfy a multitude of constraints arising from clinical/medical needs, social interactions, cognitive limitations, barriers to behavioral change, heterogeneity of data, semantic mismatch and limitations of current cyberphysical systems. Such solutions demand multidisciplinary teams ready to address technical, behavioral and clinical issues ranging from fundamental science to clinical practice.

Two classes of proposals will be considered in response to this solicitation

- Exploratory Projects (EXP): One or more investigators spanning 1 to 3 years.
- Integrative Projects (INT): Multi-disciplinary teams spanning 1 to 4 years.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504739&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - NIH - Academic Research Enhancement Award (Parent R15)

Deadline: October 25, 2013, February 25, and June 25, 2014

The purpose of the Academic Research Enhancement Award (AREA) program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees for a significant number of the nation's research scientists, but that have not been major recipients of NIH support. AREA grants create opportunities for scientists and institutions, otherwise unlikely to participate extensively in NIH research programs, to contribute to the nation's biomedical and behavioral research effort. AREA grants are intended to support small-scale research projects proposed by faculty members of eligible, domestic institutions, to expose students to meritorious research projects, and to strengthen the research environment of the applicant institution. Components of Participating Organizations

<http://grants.nih.gov/grants/guide/pa-files/PA-13-313.html>

\$ - USDA, WSARE - Professional Development Program Grants (PDP)

Deadline: October 30, 2013

These grants focus on training agricultural professionals to help them spread knowledge about sustainable agriculture concepts and practices. PDP Grants are limited to \$75,000. Grants can run for up to three years, with the final year to be focused on project evaluation. PDP projects should:

- Increase ag professionals' sustainable agriculture knowledge, skills and action.
- Have outreach plans that demonstrate how the project will effectively deliver this knowledge.

Approaches can include: workshops, conferences, • development of materials, demonstrations, web-based courses, and tours. Multi-faceted proposals are encouraged. Projects using multiple techniques or methods are preferred, as are efforts whose results can be applied to wide and diverse audiences.

https://wsaregrants.usu.edu/grants/docs/CFP_PDP.pdf

\$ - Gates Foundation – Grand Challenges - Achieving Healthy Growth through Agriculture and Nutrition

Deadline: October 31, 2013

A Grand Challenges Grant Opportunity: Achieving Healthy Growth through Agriculture and Nutrition. The Department of Biotechnology (DBT) under the Ministry of Science and Technology of the Government of India and the Bill & Melinda Gates Foundation in collaboration with India's Biotechnology Industry Research Assistance Council (BIRAC) have launched Grand Challenge India, a partnership framework for joint programs. This partnership aims to support initiatives that could dramatically change the health and development landscape in India and leverage Indian innovations to support other countries facing similar challenges. The partnership identifies the following priorities for cooperation; 1) reduction of maternal and child mortality and morbidity; 2) scientific and technical solutions for infectious diseases; 3) strengthening India's scientific translation capacity; 4) scientific and technical advances related to agriculture and; 5) scientific advancement in food and nutrition. The first joint program, Achieving Healthy Growth through Agriculture and Nutrition, seeks to target the relationship between agriculture, nutrition, and health to reduce the high incidence of low birth weight and early stunting and wasting among Indian infants. A particular goal is to empower women to prevent these conditions through a virtuous cycle where increasing agricultural productivity improves rural families' nutrition and healthier smallholder farmers have increased productivity, contributing to economic growth.

http://www.grandchallenges.org/GrantOpportunities/Pages/GCIndia_healthygrowth.aspx

\$ - USDA, Rural Development - Rural Community Development Initiative (RCDI)

Deadline: November 12, 2013

USDA is making \$5.6 million available through the Rural Community Development Initiative (RCDI), a program that generates economic activity in rural areas. Qualified intermediary organizations receiving the grants will provide financial and technical assistance to recipients

to develop their capacity to undertake housing, community facilities, or community and economic development projects. **Recipients will be non-profit organizations, low income rural communities, or federally recognized tribes.** Intermediary organizations must provide matching funds at least equal to the RCDI grant. In-kind contributions such as salaries, donated time and effort, real and nonexpendable personal property and goods and services cannot be used as matching funds. Funds are not directly provided to business recipients by USDA under the program. The respective minimum and maximum grant amount per intermediary is \$50,000 and \$300,000. Applications must be submitted to the USDA Rural Development state office where the applicant's headquarters are located. A list of these offices is available on the USDA Rural Development website. For more information, see the August 14, 2013 *Federal Register* at www.gpo.gov/fdsys/pkg/FR-2013-08-14/pdf/2013-19773.pdf

\$ - Gates Foundation – Grand Challenges Explorations

Deadline: November 12, 2013

The **Bill & Melinda Gates Foundation** is accepting applications for Round 12 of its **Grand Challenges Explorations** initiative, an accelerated grant program that encourages bold approaches aimed at improving the lives of the world's poorest people. Anyone (students, scientists, entrepreneurs) with a transformative idea is invited to apply. Initial grants of \$100,000 are awarded twice a year. Successful projects are eligible to receive a follow-on grant of up to \$1 million. Topics for Grand Challenges Explorations Round 12 are 1) inciting healthy behaviors; 2) new enabling tools and models supporting development of interventions for enteric dysfunction; 3) innovations in feedback and accountability systems for agricultural development; 4) One Health — bringing together human and animal health for new solutions; and 5) developing the next-generation condom.

<http://www.grandchallenges.org/Explorations/Pages/ApplicationInstructions.aspx>

\$ - NIH, CDC - Small Business Innovation Research (SBIR) Program Contract Solicitation (PHS 2014-1) (NOT-OD-13-108)

Deadline Date: November 13, 2013

Innovative technologies and methodologies fuel progress in biomedical and behavioral research and represent an increasingly important area of the economy. The SBIR program provides support for research and development (R&D) of new or improved technologies and methodologies that have the potential to succeed as commercial products. This funding opportunity is for small businesses to develop user-friendly tools facilitating the construction of environmental metrics related to the determinants: health behaviors and health care. Such metrics are gaining wider use in the research literature, notably in the development of indices of the food and physical activity environments and in quantifying access to cancer-related health resources. The offeror organization must be a small business concern as defined by the Small Business Administration and described in the Contract Solicitation. The primary employment of the principal investigator **MUST** be with the small business concern at the time of award and during the conduct of the proposed project. In accord with the intent of the SBIR

program to increase private sector commercialization of innovations derived from Federal R&D, scientists at research institutions can play an important role in an SBIR project by serving as consultants and/or subcontractors to the small business concern. Generally, up to 1/3 of the Phase I budget may be spent on consultant and/or subcontractual costs, and, generally, up to 1/2 of the Phase II budget may be spent on such costs. In this manner, a small business concern with limited expertise and/or research facilities may benefit from teaming with a scientist(s) at a research institution; for the scientist(s) at a research institution, this team effort provides support for R&D not otherwise obtained.

<http://grants.nih.gov/grants/guide/notice-files/NOT-OD-13-108.html>

\$ - Robert Wood Johnson Foundation (RWJF) - Health Policy Fellows

Deadline: November 13, 2013

The *Robert Wood Johnson Foundation Health Policy Fellows* program provides the nation's most comprehensive fellowship experience at the nexus of health science, policy and politics in Washington, D.C. It is an outstanding opportunity for exceptional midcareer health professionals and behavioral and social scientists with an interest in health and health care policy promoting the health of the nation. Fellows participate in the policy process at the federal level and use that leadership experience to improve health, health care and health policy. Up to six awards of up to \$165,000 each will be made in 2014. Fellowship funds of up to \$104,000 may be used for the residential stay (not to exceed the fellow's salary prior to entering the program) from September 1, 2014 through August 31, 2015. The continuation of fringe benefits at levels corresponding to the level of stipend support being requested may be covered with the award, and sponsoring institutions may supplement fellowship funds.

http://www.rwjf.org/cfp/hpf5?cid=XEM_A7545

\$ - USDA, NIFA - Ecology and Evolution of Infectious Diseases

The program's focus is on both the discovery, as well as on building and testing models that elucidate these principles and processes. Research proposals should focus on understanding the determinants of transmission of diseases to humans, non-human animals, or plants; the spread of pathogens by environmental factors, vectors or abiotic agents; the population dynamics and genetics of reservoir species or alternate hosts; or the cultural, social, behavioral, and economic dimensions of disease transmission.

Solicitation Date (Opening)	July 12, 2013
Letter of Intent Due Date	None
Due Date (Closing)	November 20, 2013
Estimated Total Program Funding	\$11,000,000.00
Range of Awards	\$1,000,000.00 to \$2,500,000.00
Cost Sharing Requirements	None
For More Information Contact	Peter Johnson
CFDA Number	10.310

http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=5269&ods_key=nsf13577

\$ - USDA, WSARE - [Farmer/Rancher Grants](#)

Deadline: December 4, 2013

These one- to three-year grants are conducted by agricultural producers with support and guidance from a technical advisor. Individual farmers or ranchers may apply for up to \$15,000, and a group of three or more producers may apply for up to \$25,000. Producers typically use their grants to conduct on-site experiments that can improve their operations and the environment and can be shared with other producers. Grant recipients may also focus on marketing and organic production. Research and Education projects primary focus should be to:

- Conduct on the ground research and education within the scope of the project. Not research or education; both must be conspicuous components of the proposal.
- Design on-farm/ranch experiments that will lead to a more sustainable agriculture
- Be creative and distinctive in addressing the changes that could come from the adoption of the results of this project by other producers.
- Detail creative educational outreach plans that deliver this new knowledge to other producers and professionals in the western region.

https://wsaregrants.usu.edu/grants/docs/CFP_PG.pdf

\$ - USDA, WSARE [Professional + Producer Grants](#)

Deadline: December 4, 2013

These one- to three-year grants are similar in concept to the Farmer/Rancher Grants with a few key differences. Instead of a producer serving as the project coordinator, an agricultural professional – Cooperative Extension educator or Natural Resources Conservation Service professional, for example – coordinates the project. A farmer or rancher serves as the project advisor. Applicants can seek up to \$50,000 and must have at least five producers involved. Research and Education projects primary focus should be to:

- Conduct on the ground research and education within the scope of the project. Not research or education; both must be conspicuous components of the proposal.
- Design on-farm/ranch experiments that will lead to a more sustainable agriculture
- Be creative and distinctive in addressing the changes that could come from the adoption of the results of this project by other producers.
- Detail creative educational outreach plans that deliver this new knowledge to other producers and professionals in the western region

https://wsaregrants.usu.edu/grants/docs/CFP_PPG.pdf

\$ - NSF - Research on Education and Learning (REAL) ([13-604](#))**Deadlines: Letter of Intent (optional): October 25, 2013****Full Proposal Due: January 10, 2014**

The Research on Education and Learning (REAL) program represents the substantive foci of three previous EHR programs: Research and Evaluation on Education in Science and Engineering (REESE), Research in Disabilities Education (RDE), and Research on Gender in Science and Engineering (GSE). What is distinctive about the new REAL program is the emphasis placed 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 research on STEM (science, technology, engineering, and mathematics) learning and education by fostering efforts to explore all aspects of education research from foundational knowledge to improvements 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 REAL program will fund research on, human learning in STEM; learning in STEM learning environments, and broadening participation research.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13667&org=NSF&sel_org=NSF&from=fund

\$ - NSF - [SBE Doctoral Dissertation Research Improvement Grants \(SBE DDRIG\)](#)**Full Proposal Deadline Date: April 5, 2013 through Feb 18, 2014** (depending on division)

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.

<http://www.nsf.gov/pubs/2011/nsf11547/nsf11547.htm>

\$ - National Research Council (NRC) of the National Academies - Research Associateship Programs (RAP)

Deadlines: Feb 1, May 1, August 1, November 1, 2013

The mission of the NRC Research Associateship Programs (RAP) is to promote excellence in scientific and technological research conducted by the U. S. government through the administration of programs offering [graduate](#), postdoctoral, and senior level research opportunities at [participating federal laboratories and affiliated institutions](#). In these programs, prospective applicants select a research project or projects from among the large group of opportunities listed on this website. Prior to completing an application, prospective applicants should contact the proposed Research Adviser to assure that funding will be available if their application is recommended by NRC panels. Once mutual interest is established between a prospective applicant and a Research Adviser, an application is submitted through the NRC WebRap system. Reviews are conducted four times each year and review results are available approximately 6-8 weeks following the application deadline. These awards include generous stipends ranging from \$42,000 - \$75,000 per year for recent Ph.D. recipients, and higher for additional experience. [Graduate](#) entry level stipends begin at \$30,000. Detailed program information, including online applications, instructions on [how to apply](#) and a [list of participating laboratories](#), is available on the NRC Research Associateship Programs [website](#) (<http://sites.nationalacademies.org/pga/rap/>).

Questions should be directed to the NRC at 202-334-2760 (phone) or rap@nas.edu.

\$ - USDA, Western Integrated Pest Management (WIPM) Center Request for Applications - Ongoing Special Issues Program or Curriculum Development or Provision (Opp ID: 100944)

Deadline: Continuous - funds are available until exhausted.

The Western Integrated Pest Management (Western IPM) Center announces the availability of funds and requests proposals to address special issues in the West. Special issues may be requested to bring together a group of people to address emerging issues such as a new pest, water issues, development of proposals for larger grants based on documented stakeholder needs, development of pest alerts. The Western IPM Center will give priority to requests that are multi-state in scope. Projects must be single-issue oriented. The Western IPM Center will give priority to requests that are multi-state in scope. Projects must be completed within one year of funding and be single-issue oriented. The maximum amount of a request can be \$5,000.

<http://www.wrpmc.ucdavis.edu/Research/specialissuesongoing.html>

\$ - NSF - [Tribal Colleges and Universities Program \(TCUP\)](#) (NSF 12-568)

Deadline: Full Proposal Accepted Anytime for Planning Grant Proposals, Broadening Participation Research in STEM Education Proposals, and Catalyzing Opportunities for Research and Education Proposals

The Tribal Colleges and Universities Program (TCUP) provides awards to Tribal Colleges and Universities, Alaska Native-serving institutions, and **Native Hawaiian-serving institutions** to promote high quality science, technology, engineering and mathematics (STEM) education, research, and outreach. TCUP-eligible institutions are predominantly two-year and community colleges. Support is available to TCUP-eligible institutions (see the Additional Eligibility subsection of Section IV of this solicitation) for Planning Grants, Instructional Capacity Excellence in TCUP Institutions (ICE-TI), Broadening Participation Research in STEM Education (BPR) Projects, Targeted STEM Infusion Projects (TSIP), and Catalyzing Opportunities for Research and Education (CORE). Through these mechanisms, along with collaborations with other National Science Foundation (NSF) units and its work with other organizations, TCUP aims to increase Native individuals' participation in STEM careers and the quality of STEM programs at TCUP-eligible institutions. TCUP strongly encourages the inclusion of activities that will benefit veterans. More information at:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5483&WT.mc_id=USNSF_39&WT.mc_ev=click