

**New Funding Opportunities
December 18, 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)

\$ - USDA, NIFA, AFRI - Agriculture and Natural Resources Science for Climate Variability and Change – (003537)

Deadlines: LOI (required) - December 31, 2013; Application – April 15, 2014

In FY 2013 only projects that focus on adaptation of production systems to climate variability and change will be considered. Priority issues to be addressed by research, extension and/or education activities include: 1. *Understanding the Biophysical Basis for Adaptation*. Understand the physiological, basis of adaptation to abiotic and biotic stresses likely resulting from climate change, especially the effects of stressors created by extremes in temperature and precipitation, diseases/pests, carbon dioxide and ozone. 2. *Develop and Evaluate Tools and Management Practices to Aid Adaptation*. Develop and evaluate innovative tools and management practices that will minimize the effects of abiotic (e.g., precipitation or temperature extremes) and biotic (e.g., insects, weeds, and pathogens) stresses on crop, forest or livestock productivity; crop, forest, livestock or human health; and/or food safety (e.g., mycotoxins). This could involve defining the appropriate temporal and spatial scales of managing agroecosystem processes and building robust and statistically-based models that can be used in management. 3. *Social, Behavioral and Economics Aspects of Adaptive Management*. Social, behavioral, and economics sciences that link agricultural and forest science, policy, and end-users are requested to understand and develop strategies to deal with the following questions: Why people do or do not adopt practices to adapt to climate change? What are the perceptions about climate change and how do people adjust their behaviors, perception of risk and production management practices? What is the role of science-based information and social or cultural barriers in influencing behaviors? What kind of economic or policy incentives or other mechanisms might be designed to encourage the adoption of adaptive management strategies and /or technologies by individuals, institutions or public agencies? Project types supported by AFRI within this Challenge Area will propose single-function Projects and multi-function Integrated Research, Education, and/or Extension Projects, and Food and Agricultural Science Enhancement (FASE) Grants. This RFA identifies research, education, extension and integrated program objectives, eligibility criteria, and matching requirements for each project type. CFDA 10.310
<http://www.grants.gov/web/grants/view-opportunity.html?oppId=207033>

\$ - NOAA – Bay Watershed Education and Training (B - WET) Hawaii Program

Deadline: January 7, 2014

This federal funding opportunity meets NOAA's mission of science, service and stewardship that is directed to a vision of the future where societies and their ecosystems are healthy and resilient in the face of sudden or prolonged change. The purpose for this financial assistance will support NOAA's goal by developing a well-informed citizenry involved in decision-making that positively impacts our coastal, marine and watershed ecosystems in the State of Hawaii. This opportunity is a competitively-based grant that provides funding to assist in the development of new programs, encourage innovative partnerships among environmental education programs and support geographically targeted programs to advance environmental education efforts that complement national and state school requirements. The B-WET Hawaii

Program is an environmental education program that promotes locally relevant, experiential learning in the K-12 environment on priority topics, such understanding climate change, earth sciences and community resilience to hazards. Funded projects provide meaningful watershed educational experiences for students, related professional development for teachers, and support regional education and environmental priorities.

<http://www.oesd.noaa.gov/grants/bwet.html#Hawaii>

\$ - NOAA – FY14 Coral Reef Conservation Program Domestic Coral Reef Conservation Grants (CFDA 11.482)

Deadline: January 8, 2014

These awards are intended to support coral reef conservation projects in shallow water coral reef ecosystems, including reefs at mesophotic depths, in American Samoa, the Commonwealth of the Northern Mariana Islands, Florida, Guam, **Hawaii**, Puerto Rico, the U.S. Virgin Islands, and coral-dominated banks in U.S. portions of the Gulf of Mexico. Projects may be proposed in the Northwestern Hawaiian Islands and the U.S. Pacific Remote Island Areas (PRIA), but these locations are not considered geographic priorities under this announcement. Proposals submitted to this competition must address at least one of the following four categories:

- Fishing Impacts
- Land-Based Sources of Pollution
- Climate Change
- Local and Emerging Management Issues.

A 1:1 match of non-Federal funds is required and grant limits are between \$80,000 and \$30,000 and that the average award size will be approximately \$50,000. .

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=244513>

\$ - 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 - [Advancing Informal STEM Learning \(AISL\)](#) (NSF 13-608)

Deadline Date: January 14, 2014

The **Advancing Informal STEM Learning** (AISL) program seeks to advance new approaches to and evidence-based understanding of the design and development of STEM learning in informal environments; provide multiple pathways for broadening access to and engagement in STEM learning experiences; advance innovative research on and assessment of STEM learning in informal environments; and develop understandings of deeper learning by participants. The AISL program supports five types of projects: (1) Pathways, (2) Research in Service to Practice, (3) Innovations in Development, (4) Broad Implementation, and (5) Conferences, Symposia, and Workshops.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504793&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - **Robert Wood Johnson Foundation - New Connections: Increasing Diversity of RWJF Programming – Midcareer Consultants and Junior Investigators**

Deadline for brief pre-proposal: January 15, 2014

New Connections provides funding for research that informs the programming teams of the RWJF funding opportunities provided through New Connections are for [Junior Investigators](#) and [Midcareer Consultants](#). The grants consist of awards of up to \$100,000 over a 12 to 24 month grant period. Midcareer Consultants are scholars from historically disadvantaged and underrepresented communities who have between 10–15 years of research and/or evaluation experience to address health disparities in areas related to RWJF’s program priorities. Junior Investigators are scholars from historically disadvantaged and underrepresented communities who have had their PhDs for less than 10 years to address health disparities in areas related to RWJF’s program priorities. Priorities related to RWJF’s program areas include: Childhood Obesity, Coverage, Human Capital, Pioneer, Public Health, Quality/Equality and Vulnerable Populations.

<http://www.rwjf-newconnections.org/apply-for-grant> or http://www.rwjf.org/en/grants/calls-for-proposals/2013/new-connections--junior-investigator-programs.html?cid=XEM_A7766

\$ - NSF, NASA, NIH, & USDA - National Robotics Initiative: The Realization of Co-Robots Acting in Direct Support of Individuals and Groups

The goal of the National Robotics Initiative is to accelerate the development and use of robots in the United States that work beside, or cooperatively with, people. Innovative robotics research and applications emphasizing the realization of such co-robots acting in direct support of and in a symbiotic relationship with a human is supported by multiple agencies of the federal government including the National Science Foundation (NSF), the National Aeronautics and Space Administration (NASA), the National Institutes of Health (NIH), the U.S. Department of Agriculture (USDA) and others. The purpose of this program is the development of this next generation of robotics, to advance the capability and usability of such systems and artifacts, and to encourage existing and new communities to focus on innovative application areas.

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|---------------------------------|------------------------------------|
| Solicitation Date (Opening) | October 21, 2013 |
| Letter of Intent Due Date | See joint solicitation for details |
| Due Date (Closing) | January 21, 2014 |
| Estimated Total Program Funding | \$50,000,000.00 |
| Range of Awards | \$0.00 to \$5,000,000.00 |
| Cost Sharing Requirements | None |
| For More Information Contact | Daniel Schmoldt |
| Funding Opportunity Number | 14-500 |
| CFDA Number | 10.310 |

<http://www.nsf.gov/pubs/2014/nsf14500/nsf14500.pdf>

\$ - Patient-Centered Outcomes Research Institute (pcori)

Deadline: January 21, 2014; April 1, 2014

This PFA is particularly interested in comparative effectiveness studies that evaluate and compare new and alternative interventions with each other or with usual care to reduce or eliminate disparities in health and health care. Studies in the Addressing Disparities program should focus on overcoming barriers that may disproportionately affect the outcomes of specific groups of patients; or identify best practices for sharing results and information about patient-centered research across patient groups. Maximum total direct costs are \$1.5 million for 3 years.

<http://www.pcori.org/funding-opportunities/funding-announcements/addressing-disparities-december-2013-cycle/> & <http://www.pcori.org/funding-opportunities/funding-announcements/addressing-disparities-april-2014-cycle/>

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

Deadlines: Feb 1, May 1, August 1, November 1, 2014

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/) (<http://sites.nationalacademies.org/pga/rap/>).

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

\$ - 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>

\$ - 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>

\$ - NOAA, National Marine Fisheries Service (NMFS) - Marine Education and Training Mini Grant Program

Deadline: February 28, 2014

NOAA/NMFS is soliciting competitive proposals for the 2013 Pacific Islands Region Marine Education and Training Mini-Grant Program. Projects are being solicited to improve communication, education, and training on marine resource issues throughout the region and increase scientific education for marine-related professions among coastal community residents, including indigenous Pacific islanders, Native Hawaiians and other underrepresented groups in the region. Priority will be given to projects that will improve communication, education, and training on marine resource issues throughout the region and increase scientific education for marine-related professions among coastal community residents. Responsible parties should ensure that their proposals address one or more of the following priorities and if a project meets more than one of the listed priorities, the applicant should list first the priority that most closely reflects the objectives of the proposed project.

- Marine Science and Technology: Education and training projects that are focused on preparing community residents for employment in marine-related professions, including marine resource conservation and management, marine science, marine technology, and maritime operations.
- Fisheries and Seafood-related Training: Projects addressing fishery observation, seafood safety and seafood marketing, focused on increasing the involvement of coastal community residents in fishing, fishery management, and seafood-related operations.
- Outreach: Projects to educate and inform consumers about the quality and sustainability of wild fish or fish products farmed through responsible aquaculture, particularly in Hawaii, Alaska, the Northern Pacific, Western Pacific, and the Central Pacific.
- Technology: Projects that, with the fishing industry, not only identify methods and technologies that will improve the data collection, quality, and reporting, but also increase the sustainability of fishing practices, and ultimately transfer such methods and

technologies among fisheries sectors and to other nations in the Western, Northern, and Central Pacific.

- **Local and Traditional Knowledge:** Projects that enhance science-based management of fishery resources of the region through local and traditional knowledge, including Pacific Islander and Native Hawaiian knowledge.
- **Development of Partnerships:** Projects that develop partnerships with other Western Pacific Island agencies, academic institutions, and other entities to foster understanding, practical use of knowledge (including native Hawaiian, Alaskan Native, and other Pacific Islander-based knowledge), and technical expertise relevant to stewardship of living marine resources.

Total funding available under this notice is anticipated to be approximately \$200,000.

Approximately 10-15 awards are anticipated to be granted for FY 2014 under this competition.

Proposals in excess of \$15,000 are unlikely to be funded.

<http://www.grants.gov/web/grants/view-opportunity.html?oppId=248493>

\$ - 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