

**New Funding Opportunities
December 13, 2012**

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.**

Sharee Pepper, PhD
Office of the Associate Dean & Associate Director for Research
College of Tropical Agriculture & Human Resources
University of Hawaii at Manoa
Honolulu, HI 96822
Phone: (808) 956-4556
Fax: (808) 956-6967
E-mail: spepper@hawaii.edu

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)

\$ - NIH - Basic social and behavioral research on culture, health, and wellbeing (R24)

Deadline: December 17, 2012

This RFA encourages grant applications for infrastructure support to develop, strengthen, and evaluate transdisciplinary approaches and methods for basic behavioral and/or social research on the relationships among cultural practices/beliefs, health, and wellbeing. This includes an appreciation for more comprehensive understandings of the relationships regarding cultural attitudes, beliefs, practices, and processes, on outcomes relevant to human health and wellbeing. Model animal research teams are welcome to apply. OppNet intends to commit \$1,425,000 in FY2013 for approximately 5-7 awards. Future year amounts will depend on annual appropriations.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-LM-12-002.html>

\$ - DOE & USDA - Plant Feedstock Genomics for Bioenergy: A Joint Research Solicitation - USDA, DOE

The NIFA's Competitive Programs and the Department of Energy's Office of Science, Office of Biological and Environmental Research (OBER) announce the interagency Program to support genomics-based research that will lead to the improved use of biomass and plant feed stocks for the production of fuels such as ethanol or renewable chemical feedstocks. Please note that applicants will submit applications through DOE and a preapplication is requested rather than a letter of intent. Potential applicants must submit a brief pre-application that consists of a cover page **plus** two to three pages of narrative describing the research objectives, the technical approach(s), and the proposed team members and their roles. No budget information or biographical data needs to be included.

Solicitation Date (Opening)	November 20, 2012
Preapplication Deadline (required)	December 18, 2012
Due Date (Closing)	February 25, 2013
Estimated Total Program Funding	\$5,000,000.00
Range of Awards	\$200,000.00 to \$500,000.00
Percent of Applications Funded Last Fiscal Year	25%
Cost Sharing Requirements	None
For More Information Contact	Ed Kaleikau
Funding Opportunity Number	DE-FOA-0000770
CFDA Number	10.310 - Agriculture and Food Research Initiative

http://science.doe.gov/grants/pdf/SC_FOA_0000770.pdf

\$ - USAID - Global Hunger and Food Security Research Strategy: Climate Resilience, Nutrition, and Policy

Document Type:	Grants Notice
Funding Opportunity Number:	RFA-OAA-12-000036
Opportunity Category:	Other
Posted Date:	Sep 27, 2012
Current Closing Date:	Dec 21, 2012
Archive Date:	Jan 20, 2013
Funding Instrument Type:	Cooperative Agreement
Category of Funding Activity:	Agriculture
Expected Number of Awards:	10
Estimated Total Program Funding:	\$75,000,000
Award Ceiling:	\$75,000,000
Award Floor:	\$50,000,000
CFDA Number(s):	98.001 -- USAID Foreign Assistance for Programs Overseas

Cost Sharing or Matching Requirement: No

Agricultural research investments figure prominently in the Feed the Future initiative, and these investments link agricultural productivity, climate change, nutrition, enabling policies, economic growth, poverty reduction and sustainable natural resources management. The Feed the Future Research Strategy emphasizes a new paradigm of sustainable intensification to catalyze agriculture-led economic growth. It focuses on environmentally sustainable productivity gains through ‘research for development’ activities that are purpose-driven and impact-oriented, and that operate in close coordination with deployment of research outputs through extension, education, evaluation and feedback at the individual country level. This includes the integration of natural science and social science research, such as policy analysis, to increase impacts for developing world farmers. This RFA focuses on climate resilience, nutrition, and policy objectives under the Research Strategy, and welcomes applications in the following specific Program Areas: Program Area No. Program Area 1 High-Yielding, Climate-Resilient Legumes (two distinct opportunities: soy and other legumes) 2 High-Yielding, Climate-Resilient Cereals 3 Increased Livestock Productivity through Climate Resilience and Disease Resistance (two distinct opportunities: vaccine development and breeding/genomics approaches) 4 Small-Scale Irrigation Technologies and Agricultural Water Management Practices 5 Reduced Post-Harvest Losses and Food Waste 6 Food Security Policy.

<http://www.grants.gov/search/search.do;jsessionid=hxp7QkZbQkQjHQ2zXnh15Qs02pPJ15IGTGv0cN5kZvf0XSJhRrk!-48270356?oppId=202755&mode=VIEW>

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

This AFRI Challenge Area focuses on the priority to mitigate and adapt to climate variability and change. It supports activities that reduce greenhouse gas emissions, increase carbon sequestration in agricultural and forest production systems, and prepare the nation's agriculture and forests to adapt to variable climates. The long-term outcome for this program is to reduce the use of energy, nitrogen fertilizer, and water by ten percent and increase carbon sequestration by fifteen percent through resilient agriculture and forest production systems. In order to achieve this outcome, this program will support multi-function Integrated Research, Education, and/or Extension Projects and Food and Agricultural Science Enhancement (FASE) Grants applications that address one of the Program Area Priorities (see Climate Variability and Change RFA for details).

Solicitation Date (Opening)	November 15, 2012
Letter of Intent Due Date	December 31, 2012
Due Date (Closing) <i>See RFA. Earliest Deadline Date:</i>	April 15, 2013
Estimated Total Program Funding	\$5,000,000.00
Range of Awards	Unavailable
Cost Sharing Requirements	For equipment grants and if commodity specific. See RFA for details.
For More Information Contact	Michael A. Bowers
Funding Opportunity Number	USDA-NIFA-AFRI-003968
CFDA Number	10.310 - Agriculture and Food Research Initiative

<http://www.csrees.usda.gov/funding/rfas/afri.html>

\$ - DoD, Strategic Environmental Research and Development Program (SERDP) - Resource Conservation and Climate Change program grants

Deadline: January 8, 2013 (Pre-proposal required)

The Department of Defense's (DoD) Strategic Environmental Research and Development Program (SERDP) is seeking to fund environmental research and development in the Resource Conservation and Climate Change program area. SERDP invests across the broad spectrum of basic and applied research, as well as advanced development. The development and application of innovative environmental technologies will reduce the costs, environmental risks, and time required to resolve environmental problems while, at the same time, enhancing and sustaining military readiness. The Resource Conservation and Climate Change program area supports the development of the science, technologies, and methods needed to manage DoD's installation infrastructure in a sustainable way. SERDP is requesting proposals that respond to the following two focused Statements of Need (SON) in Resource Conservation and Climate Change:

- Recovery of Ecological Processes Impacted by Non-Native Invasive Species in the

Pacific Islands

- Climate Change Impacts to Built Infrastructure in Alaska

URL: www.serdp-estcp.org/Funding-Opportunities/SERDP-Solicitations.

\$ - USDA, NIFA - Agriculture and Food Research Initiative (AFRI): NIFA Fellowships Grant Program

Document Type:	Grants Notice
Funding Opportunity Number:	USDA-NIFA-AFRI-004031
Opportunity Category:	Discretionary
Posted Date:	Dec 06, 2012
Letter of Intent (required)	Jan 03, 2013
Current Closing Date:	Mar 07, 2013
Archive Date:	Apr 06, 2013
Estimated Total Program Funding:	\$6,000,000
Award Ceiling:	
Award Floor:	
CFDA Number(s):	10.310 -- Agriculture and Food Research Initiative (AFRI)
Cost Sharing or Matching Requirement:	No

The FY 2013 AFRI NIFA Fellowship RFA focuses on developing the next generation of research, education, and extension professionals in the food and agricultural sciences who will lead agriculture into the future by solving current and future challenges facing our society. The AFRI NIFA Fellowships Grant Program targets talented, highly-motivated doctoral candidates and postdoctoral trainees that demonstrate remarkable promise and the potential to become gifted education, extension, and research professionals in the United States. The NIFA Fellows are individuals who have the potential for remarkable accomplishments in agricultural science. The Program seeks to develop the technical and academic competence of doctoral candidates and the research independence and teaching competencies of postdoctoral students in the food, forestry and agricultural sciences, which are within NIFA's challenge areas, through well-developed and highly interactive mentoring and training activities. Project types supported by AFRI within this RFA include single-function Research, Education, and Extension Projects and multi-function Integrated Research, Education, and/or Extension Projects.

<http://nifa.usda.gov/funding/rfas/afri.html>

\$ - EPA -Centers for Water Research on National Priorities Related to a Systems View of Nutrient Management

Deadline: January 15, 2013

The U.S. Environmental Protection Agency (EPA) as part of its Science to Achieve Results (STAR) program is seeking applications to establish Centers to conduct water research and demonstration projects that are innovative and sustainable using a systems approach for nutrient management in the Nation's waters. This Request for Applications (RFA) is soliciting proposals that take a systems view of nutrient management. A systems view of nutrient management considers every potential link in the breadth of possibilities that may influence water quality. These involve societal and technological considerations and may include, but are not limited to: local resources, prevailing land uses, watershed health, manure management, energy costs, municipal wastewater treatment, in-building water reuse, or nutrient resource recovery. A systems view would also consider valuation of monetized and non-monetized possible co-benefits and consequences (e.g., decreased sediment runoff, improved recreational value) which may be part of a nutrient management program.

Applicable Category(s): Grant/Fellowship Announcements

URL: http://epa.gov/ncer/rfa/2012/2012_star_water_research.html

\$ - USDA, NIFA - Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants Program (SPECAs)

The Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants (SPECAs) program seeks to: (a) promote and strengthen secondary education and two-year postsecondary education in agriscience and agribusiness in order to help ensure the existence in the United States of a qualified workforce to serve the food and agricultural sciences system; and (b) promote complementary and synergistic linkages among secondary, two-year postsecondary, and higher education programs in the food and agricultural sciences in order to advance excellence in education and encourage more young Americans to pursue and complete a baccalaureate or higher degree in the food and agricultural sciences. A grant recipient is required to match **25%** of the USDA funds awarded. Note: Modified RFA to increase indirect costs recovery in the FY 2012 budget.

Solicitation Date (Opening)	October 3, 2012
Letter of Intent Due Date	None
Due Date (Closing)	January 18, 2013
Estimated Total Program Funding	\$900,000.00
Range of Awards	\$0.00 to \$300,000.00
Percent of Applications Funded Last Fiscal Year	21%
Cost Sharing Requirements	Required to match 25% of the USDA funds awarded from non-federal sources
For More Information Contact	Gregory Smith
Funding Opportunity Number	USDA-NIFA-SAECF-003955

CFDA Number	10.226 Secondary And Two-Year Postsecondary Agriculture Education Challenge Grants
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http://www.nifa.usda.gov/funding/rfas/sec_challenge.html

\$ - NSF - Division of Environmental Biology (DEB)

Preliminary Proposal Deadline Date: January 23, 2013

Full Proposal Deadline Date: August 2, 2013

The Division of Environmental Biology (DEB) supports fundamental research on populations, species, communities, and ecosystems. Scientific emphases range across many evolutionary and ecological patterns and processes at all spatial and temporal scales. Areas of research include biodiversity, phylogenetic systematics, molecular evolution, life history evolution, natural selection, ecology, biogeography, ecosystem structure, function and services, conservation biology, global change, and biogeochemical cycles. Research on organismal origins, functions, relationships, interactions, and evolutionary history may incorporate field, laboratory, or collection-based approaches; observational or manipulative experiments; synthesis activities; as well as theoretical approaches involving analytical, statistical, or computational modeling. \$72 million will be available to fund approximately 200 new awards.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503634

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

Deadlines: May 1, August 1, November 1, 2012 & **Feb 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.

\$ - UH Diversity and Equity Initiative

Deadline: October 5, 2012 & February 3, 2013

Promoting campus diversity and a climate of inclusiveness, diversity initiatives have been applied toward teaching, research, performance, trainings, workshops, visiting speakers, and through outreach and recruitment activities. Working with a review committee from the UH system, applications for the initiative is administrated by the Office of Student Equity Excellence and Diversity (SEED). For proposals requesting up to \$5000: attach a narrative 5 pages or less. Include goals and objectives, method and evaluation of project and what area of diversity it addresses. Proposals that request \$1000 or less: attach a 1 page narrative describing the project and the area of diversity it addresses. Revised guidelines and an updated application are available [online](#). For more information, contact **Pua Auyong**.

<http://www.hawaii.edu/diversity/dei/index.html>

\$ - U.S. Dept of State Title VIII Program, IREX - The Individual Advanced Research Opportunities Program (IARO) & The Short-Term Travel Grants Program (STG)

Deadlines: IARO – November 14, 2012; STG - February 6, 2013

IREX is pleased to announce that applications are now being accepted for the 2013-2014 Individual Advanced Research Opportunities Program (IAROL) and Short Term Travel Grants Program (STG). These innovative and flexible programs offer U.S. scholars and professionals the opportunity to conduct policy-relevant research in Eastern Europe and Eurasia. Researchers are able to increase their understanding of current regional issues, develop and sustain international networks, and directly contribute to the formation of U.S. public policy by conducting research on topics vital to the academic and policymaking communities. Fellowships provide international airfare, a living/housing stipend, visa support, emergency evacuation insurance, logistical support and, in many countries, field office support. Countries Eligible for Research: Albania, Armenia, Azerbaijan, Belarus, Bosnia and Herzegovina, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kosovo, Kyrgyzstan, Latvia, Lithuania, Macedonia, Moldova, Montenegro, Poland, Romania, Russia, Serbia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan. IARO provides students, scholars and professionals with support to conduct policy-relevant field research in the countries of Eastern Europe and Eurasia. Master's students, pre-doctoral students, postdoctoral scholars, and professionals with advanced degrees are eligible. Applicants must be U.S. citizens. For additional information and online application: [Individual Advanced Research Opportunities Program \(IARO\)](#), or contact at: iaro@irex.org, or [202-628-8188](tel:202-628-8188). STG is a short-term, flexible program for postdoctoral scholars and professionals to conduct targeted, policy-relevant research in Eastern Europe and Eurasia. Postdoctoral scholars and professionals with advanced degrees are eligible. Applicants must be US citizens. For additional information: [Short-Term Travel Grants Program \(STG\)](#), or contact at stg@irex.org, or [202-628-8188](tel:202-628-8188).

\$ - USDA - Higher Education Challenge Grants Program

Document Type:	Grants Notice
Funding Opportunity Number:	USDA-NIFA-CGP-003954
Opportunity Category:	Discretionary
Posted Date:	Sep 27, 2012
Current Closing Date:	Feb 08, 2013
Archive Date:	Mar 10, 2013
Funding Instrument Type:	Grant
Estimated Total Program Funding:	\$4,770,000
Award Ceiling:	\$750,000
Award Floor:	\$30,000
CFDA Number(s):	10.217 -- Higher Education Challenge Grants
Cost Sharing or Matching Requirement:	Yes

Projects supported by the Higher Education Challenge Grants Program will: (1) address a State, regional, national, or international educational need; (2) involve a creative or non-traditional approach toward addressing that need that can serve as a model to others; (3) encourage and facilitate better working relationships in the university science and education community, as well as between universities and the private sector, to enhance program quality and supplement available resources; and (4) result in benefits that will likely transcend the project duration and USDA support.

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=202733>

\$ - USDA, NIFA, AFRI- Foundational Program - Agriculture Economics and Rural Communities

Deadline – May 22, 2013.

The AFRI Foundational Program is offered to support research grants in the six AFRI priority areas to continue building a foundation of knowledge critical for solving current and future societal challenges. Single-function Research Projects, multi-function Integrated Projects and Food and agricultural Science Enhancement (FASE) Grants are expected to address one of the Program Area priorities (see Foundational Program RFA for details). The Foundational Program RFA focuses on building a foundation of knowledge in fundamental and applied food and agricultural sciences critical for solving current and future societal challenges. Project types supported by AFRI within this area include single-function Research Projects, multi-function Integrated Projects, and Food and Agricultural Science Enhancement (FASE) Grants.

Solicitation Date (Opening)	October 15, 2012
Letter of Intent Due Date	Certain Program Areas require a Letter of Intent. See RFA for details.
LOI Deadlines: Application Deadlines: (See RFA for details)	Nov 15 to 26, 2012 Jan 9 to May 22, 2013

Estimated Total Program Funding	\$136,000,000.00
Range of Awards	\$0.00 to \$500,000.00
Cost Sharing Requirements	For equipment grants and if commodity specific. See RFA for details.
For More Information Contact	Effie Baldwin
Funding Opportunity Number	USDA-NIFA-AFRI-003958
CFDA Number	10.310 - Agriculture and Food Research Initiative

URL for additional information: <http://www.nifa.usda.gov/funding/rfas/afri.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