New Funding Opportunities October 24, 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.

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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:

 $\underline{http://apply07.grants.gov/apply/opportunities/instructions/oppUSDA-NIFA-CGP-002644-cfda10.217-instructions.pdf\%\,20target}$

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, Western SARE - <u>Professional Development Program Grants</u> Deadline: October 31, 2012

These grants focus on training agricultural professionals to help them spread knowledge about sustainable agriculture concepts and practices. Projects with a scope beyond a single state or area are encouraged. Funding is capped at \$75,000 per project. Projects requesting significantly less than the maximum allowable amount generally have a greater likelihood of being funded. This is especially true if the geographic scope of the project includes only a single state. Grants can run for up to three years, with the final year to be focused on project evaluation. https://wsaregrants.usu.edu/grants/docs/CFP_PDP.pdf or https://wsare.usu.edu/grants/

\$ - 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.

\$ - NSF - ADVANCE: Increasing the Participation and Advancement of Women in Academic Science and Engineering Careers (ADVANCE) (NSF 12-584)

Deadline Date: November 8, 2012

For many decades, an increasing number of women have obtained STEM doctoral degrees, however, women, particularly women of color, continue to be significantly underrepresented in almost all STEM academic positions. While the degree of underrepresentation varies among STEM disciplines, women's advancement to senior professorial ranks and leadership roles is an issue in all fields. The underrepresentation of women is also a critical issue for the nation, at large, as its need to develop a globally competitive and diverse workforce increases. Research has shown that women's representation and advancement in academic STEM positions are

affected by many external factors that are unrelated to their ability, interest and technical skills (Spencer, et al, 1999; Halpern and Tan, 2001; Hyde, 2005; National Academy of Sciences, 2007). Such factors include, but are not limited to: stereotype threat, societal impacts, organizational constraints of academic institutions; differential effect of work and family demands; implicit and explicit bias; and lack of women in academic leadership and decisionmaking positions. The cumulative effect of such diverse factors has been to create infrastructural barriers that impact the number of women entering, persisting and advancing in STEM careers. Thus, the goal of the ADVANCE program is to develop systemic approaches to increase the representation and advancement of women in academic STEM careers, thereby contributing to the development of a more diverse science and engineering workforce. ADVANCE also has as its goal to seminally contribute to and inform the general knowledge base on gender equity in the academic STEM disciplines.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5383&WT.mc_id=USNSF_39&WT.mc _ev=click

\$ - NSF - Graduate Research Fellowship Program (GRFP) (NSF 12-599)

Deadline Date: November 13, 2012 (Engineering; Computer and Information Sciences and Engineering; Materials Research)

Deadline Date: November 14, 2012 (Mathematical Sciences; Chemistry; Physics and Astronomy)

Deadline Date: November 16, 2012 (Social Sciences; Psychology; STEM Education and Learning)

Deadline Date: November 19, 2012 (Life Sciences; Geosciences)

The purpose of the NSF Graduate Research Fellowship Program (GRFP) is to help ensure the vitality and diversity of the scientific and engineering workforce in the United States. The program recognizes and supports outstanding graduate students who are pursuing researchbased masters and doctoral degrees in fields within NSF's mission. The GRFP provides three years of support for the graduate education of individuals who have demonstrated their potential for significant achievements in science and engineering research.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=6201&WT.mc_id=USNSF_39&WT.mc_ _ev=click

\$ - The National Pork Board's General Call for Proposals for 2013 RFP

Deadline: November 13, 2012

Each year the National Pork Board solicits research proposals dealing with pork production (environment, swine health) and pork products (quality, safety & nutrition). The National Pork Board is soliciting research proposals dealing with:

ANIMAL SCIENCE - Animal Science PORK QUALITY - Pork Quality ANIMAL SCIENCE - Swine Nutrition PORK SAFETY - Pre-Harvest ANIMAL WELFARE - Animal Welfare PUBLIC-HEALTH - Public Health

ENVIRONMENT - Air SWINE HEALTH - General Swine Disease

ENVIRONMENT – Manure HUMAN NUTRITION - Human Nutrition

SWINE HEALTH - Foreign Animal Disease

Please read carefully the individual solicitation descriptions for project proposals area at: http://www.pork.org/Research/499/ResearchRFP.aspx. If you have questions related directly to the description of a specific solicitation, contact the staff member listed in charge of the program. For RFP application information go to:

http://www.pork.org/filelibrary/RFPs/GeneralCall2013.pdf . For questions on the submission process, contact Bev Everitt at beveritt@pork.org or 515-223-2750.

URL: http://www.pork.org/Research/499/ResearchRFP.aspx

\$ - 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. STG is a shortterm, flexible program for postdoctoral scholars and professionals to conduct targeted, policyrelevant 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.

\$ - USDA, NIFA - Agriculture and Food Research Initiative - Foundational Program

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. The six priority areas and deadlines are:

\$ - Plant Health and Production and Plant Products – **Letter of Intent Deadline – November 26, 2012,** Application Deadline – February 18, 2013,

- \$ Animal Health and Production and Animal Products Letter of Intent Deadline November 15, 2012, Application Deadline January 9, 2013,
- \$ Food Safety, Nutrition, and Health Letter of Intent Deadline November 19, 2012 Application Deadline - February 6, 2013,
- \$ Renewable Energy, Natural Resources, and Environment Letter of Intent Deadline November 15, 2012, Application Deadline February 21, 2013,
- \$ Agriculture Systems and Technology Letter of Intent Deadline- November 20, 2012 Application Deadline: February 13, 2013, and
- \$ Agriculture Economics and Rural Communities Letter of Intent Deadline Letter of Intent NOT required for this Program Area, **Application Deadline May 22, 2013.**

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.

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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		

				·		Grant Type	e				
						Food and	d Agricultural	Science Enhar	ncement (l	FASE) Grant	s ¹
			Planning/		New	Strengthening Grants					
		Standard	CAP	Coordination	Conference	Investigator	Sabbatical	Equipmen t	Seed	Standard	CAP
	Research										
t Type	Education										
Project	Extension										
	Integrated	П			П	П	П	П	П	П	

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

\$ - UH Sea Grant

Deadline: November 16, 2012 (Preliminary Proposal)

The University of Hawai'i at Manoa Sea Grant College Program is requesting preliminary proposals for funding available beginning February 1, 2014 and ending January 31, 2016. Sea Grant supports an integrated program of applied research, outreach, and education addressing marine and coastal issues of public concern. Information generated by UH Sea Grant-funded research reaches stakeholders via UH Sea Grant extension, education, and communications activities in Hawaii and via the national network. Coastal and ocean literacy programs are supported at all levels. A typical award is \$30,000/year but may range from \$10,000 to \$45,000 inclusive of indirect costs. Graduate trainees are funded separately; please see additional information at below URL (Graduate Trainee Requests). Proposals that integrate physical, biological, and social sciences toward addressing issues that are relevant to living sustainably along coasts and that engage in graduate student training will be especially encouraged. UH Sea Grant also encourages the submission of rigorous proposals from investigators in the social and design sciences, areas of research that have been historically under-represented in the past. The four UH Sea Grant Focus Areas for 2014-2016 are: Sustainable Coastal Development, Hazard Resilience in Coastal Communities, Sustainable Coastal Tourism, and sustainable and Safe Seafood Supply. Of particular interest this funding cycle and of critical importance to sustainability and self-sufficiency in Hawaii and the US central Pacific is research examining energy and water efficiency and production technologies, and conservation. UH Sea Grant is committed to ongoing enhancement of technology and information transfer of Sea Grant funded research results to stakeholders and relevant users. Toward this goal, a well-developed outline for extension and outreach activities is to be included in all proposals. Go to the Sea Grant College Program website for complete details at: http://seagrant.soest.hawaii.edu/sites/seagrant.soest.hawaii.edu/files/announcement/2012_rfp.p df

\$ - Gates Foundation - College Knowledge Challenge App Competition

Deadline: November 16, 2012

The <u>Bill & Melinda Gates Foundation</u> has provided \$2.5 million to fund the College Knowledge Challenge, a competitive grant initiative for free and low-cost Facebook applications designed to make the college-going process more transparent, collaborative, and easy to navigate for low-income and first-generation students. The competition is administered in partnership with <u>College Summit</u> and other organizations. The challenge is open to for-profit and nonprofit organizations from any field. Developers are invited to submit technology solutions that support high school students and/or students currently enrolled in college (especially community college). Successful apps will address one or more of the top three roadblocks to college success by 1) helping students build, test, and implement personal academic pathways that grow out of college-career aspirations and are supported by informed decision making; 2) helping students build social capital and a college-going peer group; and

3) rectifying information asymmetries in college admissions, financial aid, and college selection processes that disadvantage low-income and first-generation students. A primary objective of the challenge is to move college support tools from simple Web sites that focus on information aggregation and basic FAQs to adaptive tools that provide students with personalized, actionable strategies for navigating through college. Investment funds will be distributed in grants of between \$50,000 and \$100,000, depending on the scope of the project. Approximately thirty winners will be funded. Winning apps then will be launched on Facebook as well as other platforms. Visit the College Knowledge Challenge Web site for the complete Request for Proposals and submission procedures. http://www.collegeknowledgechallenge.org/

\$ - USDA, NIFA - Community Foods Projects Competitive Grant Program

Deadline: November 28, 2012

The U.S. Department of Agriculture Community Food Projects Competitive Grants program will support the development of Community Food Projects to help make them self-sustaining; and Planning Projects to assess the food security needs and plan long-term solutions to help ensure food security in communities. Community Food Projects should be designed to (1): (A) meet the food needs of low-income people; (B) increase the self-reliance of communities in providing for their own food needs; and (C) promote comprehensive responses to local food, farm, and nutrition issues; and/or (2) meet specific state, local, or neighborhood food and agriculture needs for (A) infrastructure improvement and development; (B) planning for long-term solutions; or (C) the creation of innovative marketing activities that mutually benefit agricultural producers and low-income consumers. Community Food Projects can be up to \$300,000 for up to a 3-year period; Planning Projects are up to \$25,000 for up to a 3-year period.

Solicitation Date (Opening)	October 15, 2012		
Letter of Intent Due Date	None		
Due Date (Closing)	November 28, 2012		
Estimated Total Program Funding	\$5,000,000.00		
Range of Awards	Unavailable		
Percent of Applications Funded Last Fiscal Year	18%		
Cost Sharing Requirements	Dollar for dollar matching required, except for Training and Capacity Building projects.		
For More Information Contact	Jane M. Clary		
Funding Opportunity Number	USDA-NIFA-CFP-003957		
CFDA Number	10.225 COMMUNITY FOOD PROJECTS		

http://nifa.usda.gov/funding/rfas/pdfs/13_comm_foods_14.pdf

\$ - UH Women's Campus Club accepting grant applications

Deadline: November 30, 2012

The University of Hawai'i Women's Campus Club invites applications for funding of special projects for 2013. Proposals may be submitted by departments, organizations, programs, or by individuals associated with any of these on any of the University of Hawai'i campuses. Priority is given to projects that benefit a large number of students, enhance the university community environment on any UH campus, and have not received major grants from the Women's Campus Club in recent years. Requests should be concise, not more than two or three pages. Give clear goals and specific information on who will benefit from the grant, how it will be used, and a realistic line item budget. Items which can be realistically funded within a projected budget are more likely to be considered. Indicate if there are other sources of funding. Requests for individuals, salaries or wages, entertainment, food and travel will not be considered. Since grants are awarded on an annual basis and no funds are held in reserve, supplementary request cannot be funded. Grants for 2013 will be announced by February 2013 and funds will be released soon after that date. The average grant awarded was no more than \$4,000. Forms for proposals can be found on the Women's Campus Club website. Five copies of proposals can be mailed to June C. Naughton, Allocations Chair, Women's Campus Club, P.O. Box 62104, Honolulu, HI 96839, or delivered to WCC, Bachman Annex 2 (UH Mānoa Campus Mail). For more information, e-mail June Naughton or call (808) 524-2718.

http://www.hawaii.edu/wcc/grant_program.html

\$ - USDA, NIFA, Western SARE - Farmer/Rancher Grants

Deadline: December 5, 2012

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. A technical review will be held in January 2013, and proposals will be selected for funding in March 2013.

https://wsaregrants.usu.edu/grants/docs/CFP PG.pdf

\$ - USDA, NIFA, Western SARE - <u>Professional + Producer Grants</u>

Deadline: December 5, 2012

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. A technical review will be held in January 2013, and proposals will be selected for funding in March 2013.

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

\$ - 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 23, 2012
Letter of Intent Due Date	None
Due Date (Closing)	December 5, 2012
Estimated Total Program Funding	\$12,000,000.00
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?ods_key=nsf12587&org=NSF

\$ - Upcoming USDA/NIFA Grantsmanship Workshops

When: December 11, 2012

At NIFA's grantsmanship workshops, agency staff provide overviews of its competitive grants, including program goals and priorities; the grant evaluation process; and past funding statistics. Researchers, educators, extension specialists, and administrators are encouraged to attend. On December 11, 2012, NIFA national program leaders, in partnership with the University of North Carolina Agricultural and Technical State University, Greensboro NC, are offering the fourth in a series of 1-day national workshops covering the preparation and management of competitively awarded grants. In the past, this workshop series has targeted applicants to NIFA grant programs that involve systems-based approaches, transdisciplinary teams, and integrated research and extension, e.g., the Sustainable Agriculture Research and Education program, the Specialty Crop Research Initiative, the Organic Research and Extension Initiative, and the Organic Transitions Program. Because no other NIFA grantsmanship workshop has been scheduled this year, the NC A&T workshop will be broader in scope than others in this series. This year's program will cover a number of new topics. New speakers will offer unique perspectives and dialog (via panel discussions) on thinking like a peer-review panelist, integrating research, education and extension, writing impact statements, and forming publicprivate partnerships and making them work. Audience participation will include both on-site and **remote attendees.** The program will be hosted on the NC A&T campus in Greensboro NC; however, remote participants will have the option of viewing a live webcast, or accessing an archived version for post-workshop viewing. Registration is free, but advance sign-up is strongly encouraged to aid planning. Space is very limited for those wishing to be

part of the on-site audience. To view the agenda and register for the meeting, visit the <u>NC A&T</u> workshop website.

http://www.ncat.edu/academics/schools-colleges1/saes/agresearch/USDA-NIFA-Workshop/index.html

\$ - USDA, NSF, NIH, NASA - 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. Two classes of proposals will be considered in response to this solicitation: 1) Small projects: One or more investigators spanning 1 to 5 years and range from \$100K to \$250K direct costs per year, and 2) large projects: Multi-disciplinary teams spanning 3 to 5 years and range from \$250K to \$1 M direct costs, not to exceed \$1.5M total. The USDA encourages robotics research, applications, and education to enhance food production, processing, and distribution that benefits consumers and rural communities. In the process, it is expected that projects will engage academia, industry, stakeholders/users, students, and other organizations to identify fundamental research needs and to conduct both basic and applied research, while providing training for the next generation of scientists, engineers, and technologists.

Solicitation Date (Opening)	September 11, 2012
Letter of Intent Due Date	NA
Due Date (Closing)	December 11, 2012
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	12-607
CFDA Number	10.310

http://www.nsf.gov/pubs/2012/nsf12607/nsf12607.htm

\$ - 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

\$ - 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

98.001 -- USAID Foreign Assistance for

Programs Overseas

Cost Sharing or Matching Requirement: No

CFDA Number(s):

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=hxp7QkZbQkQjHQ2zXnh15Qs02pPJ15IGTGv0cN5kZvf0XSJhRrnk!-48270356?oppId=202755&mode=VIEW

\$ - 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-monitized 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 (SPECA)

The Secondary Education, Two-Year Postsecondary Education, and Agriculture in the K-12 Classroom Challenge Grants (SPECA) 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-SAECP-003955
CFDA Number	10.226 Secondary And Two-Year Postsecondary Agriculture Education Challenge Grants

http://www.nifa.usda.gov/funding/rfas/sec_challenge.html

\$ - 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 Auvong**.

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

\$ - 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, Western SARE - Sustainable Agriculture Tour Grants

Deadline: applications accepted year round

Sustainable Agricultural Tour Grants are funded for only one year. Any agriculture/natural resource professional in the Western region may apply. These professionals are cooperative extension educators/agents and specialists, USDA-NRCS field staff, agricultural consultants, nonprofit staff members or other agricultural professionals assisting producers at the local level. The grant applicant's institution and or organization are fiscally responsible for the project. These grants are offered as a cost reimbursable contract. Applicants are required to have at least one past or current Western SARE-funded project as part of the tour. Preference will be given for the more Western SARE-funded projects visited. The maximum amount per grant application is \$2,000. These grants are to provide opportunities for producers to:

- Interact and network with producers, and
- Assist producers in adoption of sustainable agricultural production.

URL: https://wsare.usu.edu/grants/RFA/TRG_2010.pdf

\$ - 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