

New Funding Opportunities
July 17, 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 - Extension Outreach on the Marketplace Exchanges of the Affordable Care Act

The purpose of this grant program is to target areas of the country with high numbers of individuals that do not have health insurance and focus education and outreach efforts on these specific areas so consumers will be able to make informed decisions regarding their participation in their State Marketplace Exchange.

Solicitation Date (Opening)	June 26, 2013
Letter of Intent Due Date	None
Due Date (Closing)	July 26, 2013
Estimated Total Program Funding	\$795,455.00
Range of Awards	Unavailable
Cost Sharing Requirements	None
For More Information Contact	Cindy Reeves
Funding Opportunity Number	USDA-NIFA-OP-004331
CFDA Number	10.500

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

\$ - USDA, NIFA - Rural Health and Safety Education Competitive Grants Program

Focus of the Rural Health and Safety Education Program in FY2013 is on community-based, outreach education and extension programs that provide individuals and families with: a) Information as to the value of good health at any age; b) Information to increase individual or family's motivation to take more responsibility for their own health; c) Information regarding rural environmental health issues that directly impact on human health; d) Information about and access to health promotion and educational activities; and e) Training for volunteers and health services providers concerning health promotion and health care services for individuals and families in cooperation with state, local and community partners.

Solicitation Date (Opening)	June 26, 2013
Letter of Intent Due Date	None
Due Date (Closing)	July 26, 2013
Estimated Total Program Funding	\$1,300,000.00
Range of Awards	\$0.00 to \$200,000.00
Cost Sharing Requirements	None
For More Information Contact	Cindy Reeves
Funding Opportunity Number	USDA-NIFA-RHSE-004330
CFDA Number	10.500

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

\$ - USDA, NIFA - Children, Youth and Families at Risk Professional Development and Technical Assistance Program

CYFAR marshals the resources of the Land-Grant and the Cooperative Extension Systems so that, in collaboration with other organizations, they can develop and deliver educational programs to youth who are at risk for not meeting basic human needs. These programs provide youth with the skills they need to lead positive, productive, and contributing lives; participating youth make a difference socially. CYFAR-PDTA partnering universities will build connections, competency, and capacity to help communities develop and sustain holistic programs for at-risk children, youth, and families who are under-served and under-represented. CYFAR-PDTA will provide professional development and technical assistance to Sustainable Community Projects (SCP) to ensure continued development and implementation of the CYFAR Sustainable Community program. CYFAR-PDTA, collaboratively through the Extension system, will provide the components of programming, evaluation, technology, and technical assistance.

Solicitation Date (Opening)	June 26, 2013
Letter of Intent Due Date	None
Due Date (Closing)	July 31, 2013
Estimated Total Program Funding	\$850,000.00
Range of Awards	\$0.00 to \$850,000.00
Cost Sharing Requirements	None
For More Information Contact	Bonita Williams
Funding Opportunity Number	USDA-NIFA-SLBCD-004334
CFDA Number	10.500 Cooperative Extension Service

http://nifa.usda.gov/funding/rfas/cyfar_pro_dev_tech_asst.html

\$ - USDA, NIFA - Integrated Forest Products Research (FPR) Grant

The intent is to stimulate the generation of new knowledge and transfer technologies that are necessary to balance the sustainable use of U.S. forest resources to maintain a vigorous, globally competitive domestic forest products industry. The FPR is uniquely designed to address the varying needs and opportunities of the different regions of the country but within a national needs framework. It is specifically designed to respond to current and emerging wood utilization issues, create new and improved value-added products, and provide technical information for the production of cross laminated timber from our Nations wood supply, which are critical to the sustainability of the national economy.

Solicitation Date (Opening)	June 20, 2013
Letter of Intent Due Date	None
Due Date (Closing)	July 31, 2013
Estimated Total Program Funding	\$1,411,000.00
Range of Awards	\$0.00 to \$300,000.00
Cost Sharing Requirements	None
For More Information Contact	Catalino Blanche

Funding Opportunity Number	USDA-NIFA-SRGP-004333
CFDA Number	10.200

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

\$ - USDA, NIFA - Children, Youth, and Families At-Risk 4-H Military Partnership Program

The mission of the CYFAR 4-H Military Partnership Project is to marshal resources of the Land-grant Cooperative Extension System in collaboration with other organizations to develop and deliver educational programs to equip military-connected youth in resiliency skills that they need to lead positive, productive, and contributing lives. The CYFAR philosophy (<http://www.nifa.usda.gov/nea/family/cyfar/philosophy.html>) is the basis for CYFAR 4-H Military Partnership Project. Military-connected youth are inherently at risk from a variety of factors that include: multiple and lengthy deployments by family members, relocation of the family, single parent households, lower income, and family members returning home who are wounded or do not return home. The purpose of CYFAR 4-H Military Partnership Project is to improve the quality of research based 4-H youth development programs for military-connected youth supported by the Cooperative Extension system. Applications may be submitted by Cooperative Extension at 1890 Land-Grant Institutions, 1862 Land-Grant Colleges and Universities, and the University of the District of Columbia.

Solicitation Date (Opening)	July 8, 2013
Letter of Intent Due Date	None
Due Date (Closing)	August 8, 2013
Estimated Total Program Funding	\$425,949.00
Range of Awards	\$0.00 to \$425,949.00
Cost Sharing Requirements	none
For More Information Contact	Carol Benesh
Funding Opportunity Number	USDA-NIFA-SLBCD-004335
CFDA Number	10.500

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

\$ - NSF - Water Sustainability and Climate

The goal of the Water Sustainability and Climate (WSC) solicitation is to understand and predict the interactions between the water system and climate change, land use (including agriculture, managed forest and rangeland systems), the built environment, and ecosystem function and services through place-based research and integrative models. Studies of the water system using models and/or observations at specific sites singly or in combination that allow for spatial and temporal extrapolation to other regions, as well as integration across the different processes in that system are encouraged, especially to the extent that they advance the development of theoretical frameworks and predictive understanding.

Solicitation Date (Opening)	February 1, 2013
Letter of Intent Due Date	None
Due Date (Closing)	September 10, 2013

Estimated Total Program Funding	\$5,000,000.00
Range of Awards	\$600,000.00 to \$4,000,000.00
Cost Sharing Requirements	None
For More Information Contact	Mary Ann Rozum
Funding Opportunity Number	NSF 13-535
CFDA Number	10.310

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503452 and

http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=503452&ods_key=nsf13535

\$ - USDA, NIFA - Small Business Innovation Research (SBIR) grants:

Funds may be awarded up to \$100,000 for Phase I and up to \$450,000 for Phase II. Success rates for applicants have been about 14% for Phase I and 50-60% for Phase II. Projects dealing with agriculturally related manufacturing and alternative and renewable energy technologies are encouraged across all 2013 SBIR topic areas. USDA SBIR's flexible research areas ensure innovative projects consistent with USDA's vision of a healthy and productive nation in harmony with the land, air, and water. USDA SBIR has awarded over 2000 research and development projects since 1983, allowing hundreds of small businesses to explore their technological potential, and providing an incentive to profit from the commercialization of innovative ideas. Click below for more SBIR information. Small businesses and small proprietorships that are in business for profit are eligible to submit applications to this program. Each organization submitting a proposal must qualify as a small business concern for research or research and development purposes. To be eligible for Phase II, applicants must be Phase I winners as described in the RFA. The USDA SBIR program includes the following 10 topics.

Solicitation Date (Opening)	June 19, 2013
Letter of Intent Due Date	None
Due Date (Closing) <i>Phase I</i>	September 26, 2013
Estimated Total Program Funding	\$18,300,000.00
Range of Awards	\$70,000.00 to \$100,000.00
Percent of Applications Funded Last Fiscal Year	14%
Cost Sharing Requirements	None
Funding Opportunity Number	USDA-NIFA-SBIR-004332

URL: http://nifa.usda.gov/funding/rfas/sbir_rfa.html

Biofuels and Biobased Products

The objective of this topic area is to promote the use of biofuels and non-food biobased products by developing new or improved technologies that will lead to increased production of industrial products from agricultural materials. This research will lead to new opportunities to diversify agriculture and enhance agriculture's role as a reliable supplier of raw materials to industry. This topic area supports the NIFA Sustainable Bioenergy Societal Challenge Area and the Climate Change Societal Challenge Area.

Food Science and Nutrition

The Food Science and Nutrition topic area aims to fund projects that support research focusing on developing new and improved processes, technologies, or services that address emerging food safety, food processing and nutrition issues.. The program will fund projects: 1) Increase the understanding of the physical, chemical, and biological characteristics of food; 2) Improve methods for the processing and packaging of food products to improve the quality and nutritional value of foods; and 3) Develop programs or products that increase the consumption of healthy foods and reduce childhood obesity. The outcome of a successful project is a proof of concept for a marketable item or patented process.

Forests and Related Resources

The Forests and Related Resources topic area aims to address the health, diversity and productivity of the Nations forests and grasslands to meet the needs of present and future generations through the development of environmentally sound approaches to increase productivity of forest lands, improve sustainability of forest resources, and develop value-added materials derived from woody resources. New technologies are needed to enhance the protection of the Nations forested lands and forest resources and help to ensure the continued existence of healthy and productive forest ecosystems. Proposals focused on sustainable bioenergy and development of value-added biofuels from woody biomass, and on the influence of climate change on forest health and productivity are strongly encouraged. Proposals that utilize nanotechnology in their approach to developing new wood-based products or that utilize wood-based nano-materials are also encouraged.

Plant Production and Protection - Biology

The objective of this topic area is to examine means of enhancing crop production by applying biological approaches to reduce the impact of harmful agents, develop new methods for plant improvement, and apply traditional plant breeding methods and new technologies to develop new food and non-food crop plants, as well as new genotypes of existing crop plants with characteristics that allow their use in new commercial applications. This topic area supports the following NIFA Societal Challenge Areas: Global Food Security and Hunger; Climate Change; Sustainable bioenergy; and Food Safety.

Plant Production and Protection - Engineering

The objective of this topic area is to examine means of enhance crop production by reducing the impact of harmful agents and developing effective crop production systems that are economically and environmentally sound. Projects that promote energy conservation or efficiency are strongly encouraged.

Rural Development

Funded research focuses on the development of new technologies, and on the innovative application of new or existing technologies, to address important problems and opportunities affecting people and institutions in rural America. Overall the rural development topic area is less centered on agriculture and more on areas of increasing importance to rural communities, such as environmental enhancement, disaster resilience, service delivery, and entrepreneurial and workforce skills. This topic area continues to require all applicants to explicitly discuss the specific rural problem or opportunity that they will examine and how this project will

successfully address it. Click the More SBIR information link for additional information including eligibility requirements.

Air, Water and Soils

The Air, Water and Soils topic area aims to develop technologies for conserving and protecting air, water and soil resources while sustaining optimal farm and forest productivity. Climate variability and food security are major focal points of this topic area. Efforts are needed to reduce the production of greenhouse gases that result from agricultural activities and to increase carbon sequestration in soils. Climate change is likely to alter temperature and precipitation patterns and new technologies are needed that will better enable plant and animal production systems to adapt to changing climatic conditions. As population continues to increase food security will be critical as efforts for food production to keep pace will increasingly become a challenge. Soil and water are critical resources that impact food production. New technologies are needed that will improve water quality and conservation and use water more efficiently.

Small Business Innovation Research: Small and Mid-Size Farms

This is one of 10 topic areas in the USDA SBIR program. The Small and Mid-Size Farms topic area aims to promote and improve the sustainability and profitability of small and mid-size farms and ranches (where annual sales of agricultural products are less than \$250,000 for small farms and \$500,000 for mid-size farms - hereafter referred to as small farms). The vast majority of farms in this country are small and they play an important role in the agricultural sector. While some small farms are located in urban areas, most small farms are located in rural areas, and these farms are critical to sustaining and strengthening the leadership and social fabric of rural communities. Applicants are strongly encouraged to emphasize how their project would contribute to the well-being of rural communities and institutions. In particular, applicants should emphasize how the results of their project would be disseminated to other small farmers and provide benefit to the small farm community.

Animal Production and Protection

The Animal Production and Protection topic area aims to develop innovative, marketable technologies that will provide significant benefit to the production and protection of agricultural animals. New technologies for rapid detection, treatment and prevention of disease are needed to improve productivity and enhance the biosecurity of our herds and flocks. Better technologies are also needed to trace animals as they move through the food supply chain and to ensure that food products derived from animals do not contribute to food-borne illnesses. To meet increasing consumer demand for value-added animal products, innovative technologies are needed to address the challenges presented by non-conventional management systems and strategies.

Aquaculture

The Aquaculture topic area aims to develop new technologies that will enhance the knowledge and technology base necessary for the continued growth of the domestic aquaculture industry as a form of production agriculture. Seafood production from the wild is under increased pressure due to overfishing and pollution and therefore aquaculture is increasingly becoming an important source of seafood and an important contributor to improve food security. In this context new technologies are needed to protect aquaculture species against disease and to

improve production efficiency. Emphasis is placed on research leading to improved production efficiency and increased competitiveness of private sector aquaculture in the United States. Studies on commercially important, or potentially important, species of fish, shellfish and plants from both freshwater and marine environments are included.

http://nifa.usda.gov/funding/rfas/sbir_rfa.html

\$ - Tree Research and Education Endowment Fund Accepting Applications for Research Grant Programs

Deadline: October 1, 2013

The mission of the Tree Research and Education Endowment Fund is to support sustainable communities and environmental stewardship by funding research, scholarships, and education programs essential to the discovery and dissemination of new knowledge in the fields of arboriculture and urban forestry. Applications are currently being accepted for two of the fund's research grant programs:

- 1) John Z. Duling Grants of up to \$10,000 provide seed funding or partial support for innovative research and technology transfer projects that have the potential to benefit the everyday work of arborists. Priority funding areas include root and soil management, planting and establishment, plant health care, risk assessment and worker safety, and urban forestry. Projects are expected to be completed within one to three years. Funds cannot be used to pay for overhead expenses or student tuition and fees. It is anticipated that grantees will use their grant to leverage additional dollars.
- 2) Jack Kimmel International Grants of up to \$10,000 provide research project support to arboriculture and urban forestry researchers all over the world. The Kimmel grant program is administered by the TREE Fund, with evaluation input from the Canadian TREE Fund. Priority funding areas include root and soil management, planting and establishment, plant health care, risk assessment and worker safety, and urban forestry. Projects are expected to be completed within a one- to three-year period. Grant award amounts will vary depending on the adjudged value of the project relative to the needs of the arboriculture community. Funds cannot be used to pay for overhead expenses or student tuition and fees.

Due to the similarity of the two programs, the fund requests that applicants submit to only one of the programs per unique project and funding cycle. Related but unique projects submitted across programs may be considered within a given funding cycle.

<http://www.treefund.org/grants/research-grants>

\$ - 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

\$ - 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 - [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