

New Funding Opportunities
May 22, 2014

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, Hawaii Department of Agriculture (HDOA) - Specialty Crops Block Grant Program, Hawaii FY 2014

Deadline: Friday, May 30, 2014.

The primary goal in the 2014 program will be to support projects that benefit the specialty crop industry and provide the highest measurable outcomes for the specialty crop farmers in Hawaii. Preference will be given to projects that increase production of specialty crops, foster the development of fledgling crops and support organic programs for Hawaii specialty crop farmers. The United States Department of Agriculture (USDA), Agricultural Marketing Service (AMS) has allocated these funds to the states and HDOA will be awarding funds to proposals submitted and evaluated through the RFP process. The HDOA will administer a competitive grant process to award approximately \$300,000 in federal funds for proposals in grant amounts ranging from \$10,000 to \$40,000 per project. Higher amounts will be considered for projects with extraordinary statewide benefit. Matching funds, either in-kind or cash, are not required, however, applicants are encouraged to provide evidence of matching funds, either in-kind or cash, which will be calculated into the scoring criteria. Contact: Sharon Hurd, Agricultural Development Division, phone: (808) 973-9465, Fax: (808) 973-9590, E-mail: sharon.k.hurd@hawaii.gov.

\$ - USDA, NIFA - Farm Business Management and Benchmarking (FBMB) Competitive Grants Program

The Farm Business Management and Benchmarking (FBMB) Competitive Grants Program provides funds to (1) improve the farm management knowledge and skills of agricultural producers; and (2) establish and maintain a national, publicly available farm financial management database to support improved farm management.

Solicitation Date (Opening)	April 24, 2014
Letter of Intent Due Date	None
Due Date (Closing)	May 30, 2014
Estimated Total Program Funding	\$1,300,000.00
Range of Awards	\$0.00 to \$1,300,000.00
Percent of Applications Funded Last Fiscal Year	25%
Cost Sharing Requirements	None
For More Information Contact	Susan Smith Shockey
Funding Opportunity Number	USDA-NIFA-FBMB-004523
CFDA Number	10.319 Farm Business Management and Benchmarking Competitive Grants Program

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

\$ - USDA, Western SARE - [Research & Education Grants](#)

Deadline: Pre-Proposal June 4, 2014

The Administrative Council of the Western Sustainable Agriculture Research and Education (SARE) program announces the Call for Pre-Proposals for Research & Education (Chap. 1) Grants for 2015. The Western SARE Administrative Council funds projects that conduct research and extension projects to obtain data, develop conclusions, demonstrate technologies and lead educational programs that promote the Western SARE goals. According to SARE's guiding legislation, projects should be judged by both (1) topic and (2) methodology. The pre-proposal process aids the Western SARE Administrative Council in selecting proposals that exhibit diverse subject matter and geography, and in nurturing proposals that demonstrate outcomes that farmers and ranchers in the region can successfully adopt. The Council will request that the principal investigators of the most promising pre-proposals to develop more extensive full proposals for competitive review. Research and Education Grants are up to 3 years in length. Funding varies and there is no set funding limit, but awards generally do not exceed \$250,000. Research and Education project's primary focus should be to:

- Conduct research and education within the scope of the project. Both must be conspicuous components of the proposal.
- Demonstrates a functional team to plan and implement the project.
- Includes a minimum of three separate producers for on-farm testing, demonstration and collaboration.
- Details educational outreach plans to producers and agricultural professionals. Create scholarly and other educational materials.
- Addresses the goals of Western SARE.

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

\$ - USDA, NIFA - AgrAbility - Assistive Technology Program for Farmers with Disabilities

The AgrAbility program increases the likelihood that farmers, ranchers, farm workers and farm family members with disabilities will experience success in agricultural production. The program supports projects between State Cooperative Extension System and private non-profit disability organizations who work in partnership to provide agricultural education and assistance directed at accommodating disability in farm operations for individuals with disabilities, and their families, who engage in farming and farm-related occupations.

Solicitation Date (Opening)	April 24, 2014
Letter of Intent Due Date	None
Due Date (Closing)	June 4, 2014
Estimated Total Program Funding	\$4,000,000.00
Range of Awards	\$150,000.00 to \$180,000.00
Cost Sharing Requirements	None
For More Information Contact	Aida Balsano
Funding Opportunity Number	USDA-NIFA-SLBCD-004524

CFDA Number	10.500
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<http://www.nifa.usda.gov/funding/rfas/agrability.html>

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

Focus of the Rural Health and Safety Education Program in FY2014 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)	April 24, 2014
Letter of Intent Due Date	None
Due Date (Closing)	June 6, 2014
Estimated Total Program Funding	\$1,400,000.00
Range of Awards	\$0.00 to \$300,000.00
Cost Sharing Requirements	None
For More Information Contact	Cindy Reeves
Funding Opportunity Number	USDA-NIFA-RHSE-004522
CFDA Number	10.500

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

\$ - NIH - Botanical Dietary Supplement Research Centers (BDSRC) (P50)

Deadline: LOI (not required): April 6, 2014; Application: June 6, 2014

This Funding Opportunity Announcement (FOA) invites applications to support research centers to develop and apply cutting-edge, transdisciplinary approaches to the study of botanicals with relevance to human health, that are found as ingredients in dietary supplements. These centers are expected to synergistically integrate a range of relevant disciplines (e.g., phytochemistry, botany, and expertise utilizing models ranging from *in silico* through *in vitro* to *in vivo*) to conduct innovative research to elucidate the interactions between complex botanical products and human biology. The long-term goal of this program is to support development of the preclinical data required for optimal design of rigorous, definitive clinical research on complex botanical products. Given the extensive resources required for clinical research it is critical that clinical trials of botanicals be supported by solid and extensive relevant preclinical data, especially with respect to mechanisms of action, optimal formulations and dosing, for example. Therefore the focus of these Centers will be on basic and preclinical research. The focus of this FOA is on research on the mechanisms of action of botanicals traditionally used for health maintenance, or on botanicals with strong evidence of promise for improving objective, quantitative measures of organism resilience. Use of relevant vertebrate and invertebrate models is strongly encouraged. A strictly limited number of human subjects research aims, designed to interrogate, e.g., *in vivo* mechanism(s) of action, safety,

pharmacokinetics, or bases of individual differences in metabolism or response, may be included.

<http://grants.nih.gov/grants/guide/rfa-files/RFA-OD-14-001.html>

\$ - USDA, NIFA - Beginning Farmer and Rancher Development Program (BFRDP)

Organizations can apply to BFRDP for grants to provide education, training, technical assistance and outreach for U.S. farmers, ranchers, and managers of non-industrial private forest land who have been farming or ranching for 10 years or less and those who aim to start. Priority will be given to projects that are partnerships and collaborations led by or including non-governmental organizations, community-based organizations, and school-based agricultural educational organizations with expertise in new agricultural producer training and outreach. Approximately \$19.2 million is available for 2014 awards. By law, at least five percent of available funding will be allocated to programs and services for limited-resource and socially-disadvantaged beginning farmers and ranchers and farmworkers. Another five percent of available funding will be for programming and services for military veteran farmers and ranchers.

Solicitation Date (Opening)	April 11, 2014
Letter of Intent Due Date	None
Due Date (Closing)	June 12, 2014
Estimated Total Program Funding	\$19,200,000.00
Range of Awards	Unavailable
Cost Sharing Requirements	At least equal to 25 percent of Federal funds awarded
For More Information Contact	Jill Auburn
Funding Opportunity Number	USDA-NIFA-BFR-004518
CFDA Number	10.311

<http://www.nifa.usda.gov/fo/beginningfarmersandranchers.cfm>

\$ - USDA, NIFA - Crop Protection and Pest Management (CPPM)

The purpose of the Crop Protection and Pest Management program is to address high priority issues related to pests and their management using IPM approaches at the state, regional and national levels. The CPPM program supports projects that will increase food security and respond effectively to other major societal challenges with comprehensive IPM approaches that are economically viable, environmentally sound and will help protect human health. The CPPM program addresses IPM challenges for emerging issues and existing priority pest concerns that can be addressed more effectively with new and emerging technologies. The outcomes of the CPPM program are effective, affordable, and environmentally sound IPM practices and strategies supporting more vital communities.

Solicitation Date (Opening)	May 19, 2014
Letter of Intent Due Date	None
Due Date (Closing)	June 19, 2014

Estimated Total Program Funding	\$16,300,000.00
Range of Awards	\$0.00 to \$1,150,000.00
Cost Sharing Requirements	If benefits are commodity-specific, dollar-for-dollar match required. See RFA for details.
For More Information Contact	Herbert Bolton
Funding Opportunity Number	USDA-NIFA-CPPM-004531
CFDA Number	10.303

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

\$ - USDA, NIFA - Special Research Grants Program Aquaculture Research

The Aquaculture Research program is to support the development of an environmentally and economically sustainable aquaculture industry in the U.S. and generate new science-based information and innovation to address industry constraints. Over the long term, results of projects supported by this program may help improve the profitability of the U.S. aquaculture industry, reduce the U.S. trade deficit, increase domestic food security, provide markets for U.S.-produced grain products, increase domestic aquaculture business investment opportunities, and provide more jobs for rural and coastal America. The Aquaculture Research program for FY 2014 will fund projects that directly address major constraints to the U.S. aquaculture industry and focus on one or more of the following program priorities: (1) Genetics of commercial aquaculture species. (2) Critical disease issues impacting aquaculture species. (3) Design of environmentally and economically sustainable aquaculture production systems. (4) Economic research for increasing aquaculture profitability.

Solicitation Date (Opening)	May 20, 2014
Letter of Intent Due Date	None
Due Date (Closing)	June 23, 2014
Estimated Total Program Funding	\$1,350,000.00
Range of Awards	Unavailable
Cost Sharing Requirements	None
For More Information Contact	Lakshmi Matukumalli
Funding Opportunity Number	USDA-NIFA-SRGP-004532
CFDA Number	10.200

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

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

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

The purpose of the Academic Research Enhancement Award (AREA) program is to stimulate research in educational institutions that provide baccalaureate or advanced degrees for a significant number of the nation's research scientists, but that have not been major recipients of NIH support. AREA grants create opportunities for scientists and institutions, otherwise unlikely to participate extensively in NIH research programs, to contribute to the nation's biomedical and behavioral research effort. AREA grants are intended to support small-scale

research projects proposed by faculty members of eligible, domestic institutions, to expose students to meritorious research projects, and to strengthen the research environment of the applicant institution. Components of Participating Organizations

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

\$ - USDA, NIFA - Critical Agricultural Materials

The Critical Agricultural Materials Competitive Grants Program supports product development, demonstration and validation of product performance under operational field conditions, specifically for paints, coatings, and adhesives for composites which are manufactured from domestically produced agricultural materials and are of strategic and industrial importance to benefit the economy, defense and general well-being of the Nation. Many such products replace petroleum-based products, and offer opportunities to create new businesses and new markets for agricultural materials.

Solicitation Date (Opening)	May 1, 2014
Letter of Intent Due Date	None
Due Date (Closing)	June 27, 2014
Estimated Total Program Funding	\$1,000,000.00
Range of Awards	\$0.00 to \$1,000,000.00
Percent of Applications Funded Last Fiscal Year	15%
Cost Sharing Requirements	NIFA does not require matching or cost sharing support for this program
For More Information Contact	Daniel Cassidy
Funding Opportunity Number	USDA-NIFA-OP-004526
CFDA Number	10.200

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

\$ - USDA, NIFA – Biodiesel Education Program

Deadline: June 27, 2014

The goals of the Biodiesel Fuel Education Program as originally established in Sec. 9004 of the Farm Security Investment Act of 2002 (7 U.S.C. 8104) were to stimulate biodiesel consumption and to stimulate the development of a biodiesel infrastructure. The information and outreach activities to raise awareness of the benefits of biodiesel fuel use complemented the incentives provided by the Energy Policy Act of 2005 (EPAct) (Pub. L. 109-58), and the Energy Independence and Security Act of 2007 (Pub. L. 110-140). As a result of increased awareness and consumption of biodiesel over the past decade, the FY 2014 Biodiesel Education program will focus on educational programs which will support advances in infrastructure, technology transfer, fuel quality, fuel safety and increasing feedstock production.

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

\$ - United States Golf Association (USGA) - Turfgrass and Environmental Research

Deadline: July 1, 2014

Product Testing should be performed over two years for a maximum of \$10,000 per year. Other categories of research will be funded up to \$30,000 per year for one to three years. Funding can be used for graduate student research support, graduate student tuition, technician salaries, and labor costs. Overhead or administrative costs shall be held to an absolute minimum, but will not exceed 16 percent. The USGA will not support overhead or administrative costs for grants less than \$10,000. University, local or regional funding contributed to the project is favorably viewed. Research projects may start as early as January 2015.

<http://www.usga.org/Course-Care/Turfgrass-and-Environmental-Research/Turfgrass-and-Environmental-Research/>

\$ -USDA, NIFA - Integrated Research, Education, and Extension Competitive Grants Program - National Integrated Water Quality Program (NIWQP)

The goal of the National Integrated Water Quality Program (NIWQP) is to contribute to the improvement of the quality of surface water and groundwater resources through research, education, and extension activities. Projects funded through this program will work to solve water resource problems by advancing and disseminating the knowledge base available to agricultural, rural, and urbanizing communities. Funded projects should lead to science-based decision making and management practices that improve the quality of the Nations surface water and groundwater resources in agricultural, rural, and urbanizing watersheds. See RFA for priority areas. www.grants.gov

Solicitation Date (Opening)	May 2, 2014
Letter of Intent Due Date	None
Due Date (Closing)	July 3, 2014
Estimated Total Program Funding	\$4,000,000.00
Range of Awards	\$0.00 to \$750,000.00
Percent of Applications Funded Last Fiscal Year	20%
Cost Sharing Requirements	If commodity-specific benefits, dollar-for-dollar match required. See RFA for details.
For More Information Contact	James P Dobrowolski
Funding Opportunity Number	USDA-NIFA-ICGP-004527
CFDA Number	10.303 INTEGRATED PROGRAMS

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

\$ - Morris Animal Foundation - Large Animal Studies

Deadline: July 16, 2014

Large Companion Animal (Horses and Llamas/Alpacas): Proposals for Established Investigator, First Award and Pilot Study grants on topics relevant to large companion animal health and welfare.

<http://www.morrisanimalfoundation.org/assets/pdfs/spa/online-app-instructions.pdf>

\$ - American Heart Association (AHA) - Predoctoral and Postdoctoral Fellowships

Deadlines: July 25, 2014 (Founders Affiliate and Western States Affiliate)

The objective of the Predoctoral program is to help students initiate careers in cardiovascular and stroke research by providing research assistance and training. Science focus is on research broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts. Proposals are encouraged from all disciplines, as well as epidemiological, behavioral, community and clinical investigations that bear on cardiovascular and stroke problems. The total award amount is \$50,000. The maximum annual award amount is \$25,000. The award duration is one or two years.

http://my.americanheart.org/professional/Research/FundingOpportunities/ForScientists/Winter-2013---Predoctoral-Fellowship_UCM_443316_Article.jsp

The objective of the postdoctoral program is to help trainees initiate careers in cardiovascular and stroke research while obtaining significant research results under the supervision of a sponsor or mentor; supports individuals before they are ready for some stage of independent research. The science focus is research broadly related to cardiovascular function and disease and stroke, or to related clinical, basic science, bioengineering or biotechnology, and public health problems, including multidisciplinary efforts. Proposals are encouraged from all basic disciplines as well as epidemiological, behavioral, community and clinical investigations that bear on cardiovascular and stroke problems. The maximum annual award amount is \$40,000-\$50,000. Award duration is two years. An individual may submit an application to compete for a third year of funding, if eligible.

http://my.americanheart.org/professional/Research/FundingOpportunities/SupportingInformation/Winter-2013---Postdoctoral-Fellowship_UCM_443314_Article.jsp

\$ - 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/>).

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

\$ - USDA, NIFA - Agriculture and Food Research Initiative - Dual Purpose with Dual Benefit: Research in Biomedicine and Agriculture Using Agriculturally Important Domestic Species

This interagency program is issued by the Eunice Kennedy Shriver National Institute of Child Health and Human Development (NICHD), National Heart, Lung, and Blood Institute (NHLBI), and USDA National Institute of Food and Agriculture (NIFA) is to invite the submission of grant proposals that utilize agriculturally important domestic species to improve human health and animal agriculture through the advancement of basic and translational research deemed highly relevant to both agricultural and biomedical research. This initiative is designed to facilitate and encourage comparative medicine research studies through the careful selection and refinement of farm animal models that mimic human developmental, physiological, and etiological processes to better understand disease origins and improve assisted reproduction efficiencies. The anticipated outcomes include both the elucidation of fundamental information relevant for the improvement of human health and an increase in food animal production and improvement in animal health and product quality.

Solicitation Date (Opening)	April 22, 2013
Letter of Intent (not required)	August 24, 2014
Due Date (Closing)	September 24, 2014
Estimated Total Program Funding	\$5,000,000.00
Range of Awards	Unavailable
Cost Sharing Requirements	See RFA for details.
For More Information Contact	Mark A. Mirando
Funding Opportunity Number	PAR-13-204
CFDA Number	10.310

<http://grants.nih.gov/grants/guide/pa-files/PAR-13-204.html>

\$ - USDA, Western SARE – Professional Development Program

Deadline: October 29, 2014

Professional Development Program (PDP) Grants are aimed at helping Cooperative Extension Service, Natural Resources Conservation Service and other agricultural professionals in the Western Region increase their understanding and proficiency in sustainable agriculture. 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.

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

\$ - The Hawaii Council for the Humanities Grants

Deadlines: February 15 and October 31, 2014

The Hawai'i Council for the Humanities Grants Program provides funding for public programs that promote a better understanding and appreciation of the humanities among the general public in Hawai'i. Each year the HCH awards grant funds to individuals as well as nonprofit organizations and public institutions throughout the state to support activities that apply the humanities—such as history, philosophy, ethics, religious studies, literary studies, art history, and anthropology—to our everyday lives. HCH grants have helped a number of libraries, museums, colleges and universities, historical societies, and other nonprofit organizations sponsor public humanities programs that encourage the diffusion of knowledge beyond the academic setting and foster public involvement in civic dialogue. These grants support public programs developed for Hawai'i audiences that not only encourage public exchange of ideas but also explore relevant topics including local history, literature, art, music, ethics, and cultural traditions. HCH offers three types of grants:

- [Preservation & Access](#) (up to \$5,000)
- [Publication Assistance](#) (up to \$2,500)
- [Regular](#) (*based on the current HCH Grants Program budget, projects are unlikely to be funded over \$10,000*)

<http://hihumanities.org/grant-types/>

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

Deadline: December 3, 2014

With a Farmer/Rancher Research & Education Grant, a producer, working with a technical advisor, develops a proposal to conduct **both research and education** on a sustainable agricultural topic and incorporate such items as: on-farm/ranch demonstrations; farmer-to-farmer educational outreach and other approaches to assist in producer adoption in an area of sustainable agriculture. The goal is to achieve results that can be communicated to producers and professionals and can improve income, the environment, communities and quality of life for all citizens. 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, Western SARE – Professional + Producer Grants

Deadline: December 3, 2014

With a Professional + Producer Research & Education Grant, an agricultural professional and five (5) producers work together to develop a proposal to conduct both research and education on a sustainable agricultural topic and incorporate such items as: on-farm/ranch demonstrations, farmer-to-farmer educational outreach and other approaches to assist in producer adoption in an area of sustainable agriculture. The goal is to achieve results that can be communicated to producers and professionals and can improve income, the environment, communities and quality of life for all citizens. Professional + Producer Research & 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

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

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