

**New Funding Opportunities
March 8, 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:

<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)

\$ - EPA Region 9 - Wetland Program Development Grants - EPA-REG9-WP-12**Deadline: March 15, 2012**

Wetland Program Development Grants (WPDGs) provide eligible applicants an opportunity to conduct and promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys, and studies relating to the causes, effects, extent, prevention, reduction, and elimination of water pollution. Implementation of wetland protection programs is not an eligible effort under this announcement. The U.S. Environmental Protection Agency (EPA) is soliciting proposals from eligible applicants to build or refine State/Tribal/local government wetland programs as described in Section I, Funding Opportunity Description, of this announcement. The total amount of federal funding available under this announcement is approximately \$1,650,250. It is anticipated that approximately 6 to 15 awards will be made under this announcement. Awards will likely range from \$50,000 to \$350,000 in federal funds.

<http://www.epa.gov/region9/funding/wetlands.html>

\$ - NSF - [Innovation Corps Program \(I-Corps\)](#) (NSF 11-560)**Deadline: December 15, March 15, & September 15 (Annually Thereafter)**

The National Science Foundation (NSF) seeks to develop and nurture a national innovation ecosystem that builds upon fundamental research to guide the output of scientific discoveries closer to the development of technologies, products and processes that benefit society. In order to jumpstart a national innovation ecosystem, NSF is establishing the NSF Innovation Corps (NSF I-Corps). The NSF I-Corps' purpose is to identify NSF-funded researchers who will receive additional support - in the form of mentoring and funding - to accelerate innovation that can attract subsequent third-party funding. The purpose of the NSF I-Corps grant is to give the project team access to resources to help determine the readiness to transition technology developed by previously-funded or currently-funded NSF projects. The outcome of the I-Corps projects will be threefold: 1) a clear go/no go decision regarding viability of products and services, 2) should the decision be to move the effort forward, a transition plan to do so, and 3) a technology demonstration for potential partners. PI(s) *must* contact one of the cognizant I-Corps program officers and receive prior written authorization to submit a proposal. PI(s) are *strongly encouraged* to discuss the commercial readiness of their effort with a Topic-specific program officer prior to contacting a cognizant I-Corps program officer. This will facilitate determining whether the proposed work is appropriate for I-Corps funding.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=504672&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - USDA, NIFA - Interregional Research Project #4 Minor Crop Pest Management Program (IR-4)

Document Type:	Modification to Previous Grants Notice
Funding Opportunity Number:	USDA-NIFA-SRGP-003674
Opportunity Category:	Discretionary
Posted Date:	Feb 08, 2012
Current Closing Date:	Mar 20, 2012
Archive Date:	Apr 19, 2012
Estimated Total Program Funding:	\$11,000,000
Award Ceiling:	\$4,800,000
Award Floor:	\$1,000,000
CFDA Number(s):	10.200 -- Grants for Agricultural Research, Special Research Grants

Cost Sharing or Matching Requirement: No

The primary goal of the IR-4 program is to provide safe, effective and economical pest management solutions for growers of minor/specialty crops. IR-4 facilitates crop protection by providing expert assistance with product development and registration. IR-4 positively impacts the ability of research and extension personnel, producers, grower organizations, and others to provide a continuous supply of affordable minor/specialty crops to the public. IR-4 is the only publicly supported research program in the United States that provides this service. Successful applicants will demonstrate the capacity and commitment required to accelerate the registration of newer, reduced risk pest management tools; expedite access to these pest management tools for minor/specialty crop growers, and conduct efficacy research to identify new and more effective minor/specialty crop pest management solutions.

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

\$ - NSF - [Robert Noyce Teacher Scholarship Program](#)

Full Proposal Deadline Date: March 26, 2012 (NSF 12-525)

The Robert Noyce Teacher Scholarship Program seeks to encourage talented science, technology, engineering, and mathematics majors and professionals to become K-12 mathematics and science teachers. The Noyce Scholarship Track provides funds to institutions of higher education to support scholarships, stipends, and academic programs for undergraduate STEM majors and post-baccalaureate students holding STEM degrees who earn a teaching credential and commit to teaching in high-need K-12 school districts. The NSF Teaching Fellowship/Master Teaching Fellowship Track provides funding to support STEM professionals who enroll as NSF Teaching Fellows in master's degree programs leading to teacher certification by providing academic courses, professional development, and salary supplements while they are fulfilling a four-year teaching commitment in a high-need school district. This track also supports the development of NSF Master Teaching Fellows by

providing professional development and salary supplements for exemplary mathematics and science teachers to become Master Teachers in high-need school districts.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5733&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - USDA, Rural Development - Rural Energy for America Program (REAP)

Deadline: March 30, 2012

REAP provides for loan guarantees and/or grants to farmers, ranchers and rural small businesses to purchase renewable energy systems and to make energy efficiency improvements. Funding for at least \$12.5 million in grant program level and up to approximately \$48.5 million in guaranteed loan program level. Funds are available to help agricultural producers and rural small businesses to: develop renewable energy systems, make energy efficiency improvements, or conduct studies to determine the feasibility of renewable energy systems. For information on how to apply, contact:

Oahu, Kauai and American Samoa:

Shirley Heatherly, shirley.heatherly@hi.usda.gov or (808) 483-8600, ext. 118;

West Hawaii:

Denise Oda, denise.oda@hi.usda.gov or (808) 933-8323;

Maui County, East Hawaii:

Lori Nekoba, lori.nekoba@hi.usda.gov or (808) 933-8312;

Guam, CNMI, Palau, Majuro:

Tony Barcinas, anthony.barcinas@pb.usda.gov 671-300-8567

Yap, Chuuk, Pohnpei, Kosrae:

Gary Bloom, gary.bloom@pb.usda.gov or (691) 320- 2581 (Ext. 103)

URL: <http://www.gpo.gov/fdsys/pkg/FR-2012-01-20/pdf/2012-755.pdf>

\$ - USDA, NIFA - Higher Education Challenge (HEC) Grants Program

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.

Solicitation Date (Opening)	January 25, 2012
Letter of Intent Due Date	None
Due Date (Closing)	March 30, 2012
Anticipated Award Date	July 16, 2012
Estimated Total Program Funding	\$4,770,000.00
Range of Awards	\$30,000.00 to \$750,000.00

Percent of Applications Funded Last Fiscal Year	27%
Cost Sharing Requirements	Required to match 25%
For More Information Contact	Gregory Smith
Funding Opportunity Number	USDA-NIFA-CGP-003668
CFDA Number	10.217 HIGHER EDUCATION CHALLENGE GRANTS

\$ - University of California, Davis, Center for Produce Safety (CPS) – Food Safety

Deadline: March 30, 2012

The Center for Produce Safety at the University of California, Davis, today announced its 2012 request for food safety research proposals. The center and its public and industry research partners are making \$3 million available to fund general and commodity-specific research to address the fresh produce industry's food safety research needs. CPS and its partners sponsor research projects designed to fill basic knowledge gaps in specific areas of food safety practices for fruit, vegetable and tree nut production, harvest and post-harvest handling. The objective is to provide the produce industry with practical, translatable information that can be used at all levels of the supply chain. The 2012 RFP seeks to fund both produce-general food safety questions and commodity-specific questions. Core (produce-general) research priorities endeavor to better understand risk potential and to develop more effective food safety management tools in the following areas:

- Compost, Soil Amendment Fertilizer Use and Cultivation Practices
- Buffer Zones from Domestic Animals to Fruit and Vegetable Production
- Co-management of Food Safety and the Environment
- Agricultural Water
- Climate, Environment, Production Practices
- Harvest and Cooling Practices.
- Pathogen Transfer from Water during Postharvest Handling and Processing
- Pathogen Survival in the Postharvest Distribution Chain

Research awards may not exceed \$200,000 in total costs per year. Research project term may not exceed two years. CPS will consider proposals where the primary objective is to generate preliminary data or provide proof of concept for novel ideas. These proposals should address a question in the Research Priorities. Proof of concept awards may not exceed \$50,000 in total costs, and may not exceed one year in length. URLs: <https://ucanr.org/cpsgrants/index.cfm> & https://cps.ucdavis.edu/article/70/CPS_Calls_for_2012_Research_Proposals.html

\$ - USDA & NSF - Decadal and Regional Climate Prediction using Earth System Models (EaSM)

This solicitation will capitalize on the synergy between development of climate models, their use in both the assessment and attribution of climate variability and impacts, and the development of approaches to effectively inform adaptation policy. The overall goal of the EaSM solicitation is to improve upon and expand on current modeling capabilities in order to substantively contribute to the advancement of reliable regional and decadal climate predictions. The submission of the application is through the National Science Foundation (NSF).

Solicitation Date (Opening)	December 21, 2011
Letter of Intent Due Date	None
Due Date (Closing)	April 20, 2012
Estimated Total Program Funding	\$5,000,000.00
Range of Awards	Unavailable
Cost Sharing Requirements	None
For More Information Contact	Nancy Cavallaro
Funding Opportunity Number	NSF 12-522
CFDA Number	10.310

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503399

\$ - USDA, NIFA - Organic Transitions Program

Document Type: Grants Notice
 Funding Opportunity Number: USDA-NIFA-ICGP-003691
 Opportunity Category: Discretionary
 Posted Date: Feb 29, 2012
Current Closing Date: Apr 25, 2012
 Archive Date: May 25, 2012
 Funding Instrument Type: Grant
 Category of Funding Activity: Agriculture Food and Nutrition
 Estimated Total Funding: \$3,750,000
 Award Ceiling: \$750,000
 CFDA Number(s): 10.303 -- Integrated Programs
 Cost Sharing or Matching: **Yes (but can be waived)**

The overall goal of the Organic Transitions Program (ORG) is to support the development and implementation of research, extension and higher education programs to improve the competitiveness of organic livestock and crop producers, as well as those who are adopting organic practices. In FY 2012, ORG will focus on environmental services provided by organic farming systems that support soil conservation and contribute to climate change mitigation. Practices and systems to be addressed include those associated with organic crops, organic animal production (including dairy), and organic systems integrating plant and animal

production. ORG will fund standard Integrated Research, Education, and Extension projects with a project period of one to three years. Budgets may not exceed \$300,000 per year with the total amount awarded not to exceed \$750,000. A total of five to six awards are anticipated.

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

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

Deadlines: May 1, August 1, November 1, 2012 & Feb 1, 201.

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, NSF, DOE - Decadal and Regional Climate Prediction using Earth System Models (EaSM)

This solicitation will capitalize on the synergy between development of climate models, their use in both the assessment and attribution of climate variability and impacts, and the development of approaches to effectively inform adaptation policy. The overall goal of the EaSM solicitation is to improve upon and expand on current modeling capabilities in order to substantively contribute to the advancement of reliable regional and decadal climate predictions. The submission of the application is through the National Science Foundation.

Solicitation Date (Opening)	December 21, 2011
Letter of Intent Due Date	None
Due Date (Closing)	May 11, 2012
Estimated Total Program Funding	\$5,000,000.00
Range of Awards	Unavailable

Cost Sharing Requirements	None
For More Information Contact	Nancy Cavallaro
Funding Opportunity Number	NSF 12-522
CFDA Number	10.310

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503399

\$ - NSF - [Division of Molecular and Cellular Biosciences: Investigator-initiated research projects \(MCB\)](#) (NSF 11-545)

Deadline: September 6, 2011 & May 21, 2012

The Division of Molecular and Cellular Biosciences (MCB) supports fundamental research and related activities designed to promote understanding of complex living systems at the molecular, subcellular, and cellular levels. The Division is soliciting proposals for hypothesis-driven and discovery research and related activities in four core clusters:

- Biomolecular dynamics, structure, and function
- Cellular processes
- Genetic mechanisms
- Networks and regulation

The Division supports research using a range of experimental approaches--including *in vivo*, *in vitro* and *in silico* strategies--and a broad spectrum of model and non-model organisms, especially microbes and plants. Typical research in areas supported by MCB integrates theory and experimentation. The Division gives high priority to research projects that use theory, methods, and technologies from physical sciences, mathematics, computational sciences, and engineering to address basic biological questions. **The Division is also interested in projects aimed at understanding and predicting the molecular and cellular underpinnings of phenotypic variation and adaptation to environmental change.** Highest funding priority is given to applications that are outstanding in both intellectual merit and broader impacts. The Division supports both hypothesis-driven research and discovery-based, large-scale biology research.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503626&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - NSF - [Industry/University Cooperative Research Centers Program \(I/UCRC\)](#) (12-516)

Letter of Intent Deadlines Date: January 2, 2012 & June 29, 2012 (required)

Full Proposal Deadlines Date: March 6, 2012 & September 28, 2012

The Industry/University Cooperative Research Centers (I/UCRC) program develops long-term partnerships among industry, academe, and government. The centers are catalyzed by a small investment from the National Science Foundation (NSF) and are primarily supported by industry center members, with NSF taking a supporting role in the development and evolution of the center. Each center is established to conduct research that is of interest to both the

industry members and the center faculty. An I/UCRC contributes to the Nation's research infrastructure base and enhances the intellectual capacity of the engineering and science workforce through the integration of research and education. As appropriate, an I/UCRC uses international collaborations to advance these goals within the global context.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5501&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - NSF - [Collections in Support of Biological Research \(CSBR\)](#) (NSF 11-558)

Deadline: October 16, 2011, **July 27, 2012**

The Collections in Support of Biological Research (CSBR) Program provides funds for improvements to secure, improve, and organize collections that are significant to the NSF/BIO-funded research community. Support is also provided to secure collections-related data for sustained, accurate, and efficient accessibility of the collection to the biological research community. Supplemental funding is also available to transfer collection ownership responsibilities or consolidate or combine existing collections. The CSBR program provides for enhancements that secure and improve existing collections, result in accessible digitized specimen-related data, and develop better methods for specimen curation and collection management. Requests should demonstrate a clear and urgent need to secure the collection, and the proposed activities should address that need. Biological collections supported include established living stocks/culture collections, vouchered non-living natural history collections, and jointly-curated ancillary collections such as preserved tissues and DNA libraries. More at:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503651&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - 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