

**New Funding Opportunities
August 23, 2011**

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, Rural Development - Value-Added Producer Grants (VAPG)

Deadline: August 29, 2011

Grants may be used for planning activities and for working capital for marketing value-added agricultural products and for farm-based renewable energy. Awards may be made for planning activities or for working capital expenses, but not for both. The maximum grant amount for a planning grant is \$100,000 and the maximum grant amount for a working capital grant is \$300,000. **Eligible applicants are independent producers, farmer and rancher cooperatives, agricultural producer groups, and majority-controlled producer-based business ventures.** Rural Development is encouraging applications that will support communities in urban or rural areas, with limited access to healthy foods and with a high poverty and hunger rate. The program provides a priority for funding for projects that contribute to opportunities for beginning farmers or ranchers, socially disadvantaged farmers or ranchers, and operators of small- and medium-sized family farms and ranches. This program requires matching funds equal to or greater than the amount of grant funds requested. Applicants must certify the availability and source-verify all matching funds at time of application submission. See the following useful URLs:

<http://www.rurdev.usda.gov/SupportDocuments/FY2011%20VAPG%20Application%20Template.pdf> ,
<http://www.gpo.gov/fdsys/pkg/FR-2011-06-28/html/2011-16121.htm> , &
http://www.rurdev.usda.gov/BCP_VAPG_Grants.html

\$ - NOAA - FY2012 NOAA Bay Watershed Education and Training (B-WET) Hawaii Program

Document Type:	Grants Notice
Funding Opportunity Number:	NOAA-NOS-CSC-2012-2003040
Opportunity Category:	Discretionary
Posted Date:	Aug 01, 2011
Deadline for Letters of Intent	August 31, 2011
Deadline for Full Proposal :	Sep 30, 2011
Funding Instrument Type:	Cooperative Agreement Grant
Estimated Total Program Funding:	\$1,000,000
Award Ceiling:	\$100,000
Award Floor:	\$10,000
CFDA Number(s):	11.473 -- Coastal Services Center
Cost Sharing or Matching Requirement:	No

This federal funding opportunity meets NOAA's mission of science, service and stewardship that is directed to a vision of the future where societies and their ecosystems are healthy and resilient in the face of sudden or prolonged change. The purpose for this financial assistance will support NOAA's goal by developing a well-informed citizenry involved in decision-making that positively impacts our coastal, marine and watershed ecosystems in the State of Hawaii. This opportunity is a competitively-based grant that provides funding to assist in the

development of new programs, encourage innovative partnerships among environmental education programs and support geographically targeted programs to advance environmental education efforts that complement national and state school requirements. The B-WET Hawaii Program is an environmental education program that promotes locally relevant, experiential learning in the K-12 environment on priority topics, such understanding climate and earth sciences and community resilience to hazards. Funded projects provide meaningful watershed educational experiences for students, related professional development for teachers, and support regional education and environmental priorities.

<http://www.grants.gov/search/announce.do;jsessionid=SygrTB8Y1BnltnLJnLh31vgf8RbXWp08SPsLrmDGft50QmGgfYjL!1014668544>

\$ - USDA, NIFA - Small Business Innovation Research Program Phase I

Document Type:	Grants Notice
Funding Opportunity Number:	USDA-NIFA-SBIR-003497
Opportunity Category:	Discretionary
Posted Date:	Jul 13, 2011
Current Closing Date:	Sep 01, 2011
Archive Date:	Oct 01, 2011
Estimated Total Program Funding:	\$18,300,000
Award Ceiling:	\$100,000
Award Floor:	\$70,000
CFDA Number(s):	10.212 -- Small Business Innovation Research

Cost Sharing or Matching Requirement: No

The purpose of the SBIR program is to provide an opportunity for **US-owned, for-profit small business firms** to submit innovative, applied, research and development projects that address important problems facing American agriculture and have the potential to lead to significant public benefit if the research is successful. Research proposals are accepted in any of the following topic areas: 1) Forests and Related Resources; 2) Plant Production and Protection - Biology; 3) Animal Production and Protection; 4) Air, Water, and Soils; 5) Food Science and Nutrition; 6) Rural Development; 7) Aquaculture; 8) Biofuels and Biobased Products; 9) Marketing and Trade; 10) Animal Manure Management; 11) Small and Mid-Size Farms; and 12) Plant Production and Protection - Engineering. The SBIR program exists in three phases. The purpose of Phase I is to prove the scientific or technical feasibility of the proposed research and development effort. Phase I projects typically are for 8 months. Phase II is the principal research and development effort and often involves moving the project from the laboratory to the field or the development of prototypes. Phase II projects typically are for 24 months. Phase III is the commercialization phase and there is no SBIR support provided for this phase. Phase I applications are due on September 1, 2011. This SBIR program funding opportunity is for Phase I applications.

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

\$ - Elsevier Foundation Offers Grants to Support Women Scholars in Science, Technology, Engineering, and Math

Deadline: September 1, 2011

The [Elsevier Foundation](http://www.elsevierfoundation.org) is seeking new grant proposals for its New Scholars program, which provides funding for projects to help support women scholars during the early stages of their careers in science, technology, engineering, and math (STEM). The program is designed to actively address the attrition rate of talented women scientists caused by the difficulty of balancing a demanding academic career with family responsibilities. The foundation provides grants to STEM institutions and organizations that are working towards a more equitable academia by: encouraging networking and collaborations among institutions and/or across STEM disciplines in ways that support faculty and staff with family responsibilities; developing and implementing strategies to promote knowledge, awareness, and application of programs to retain, recruit, and develop women in science; and/or enabling scientists to attend conferences, meetings, workshops, and symposia that are critical to the development of a career in science by helping them with childcare and other family responsibilities when attending scientific gatherings. Grants will range between \$5,000 and \$50,000 per year for up to three years. Visit the Elsevier Foundation Web site for complete program guidelines and application procedures: <http://www.elsevierfoundation.org/new-scholars/how-to-apply/>

\$ - NSF - [Catalyzing New International Collaborations](#) (NSF 11-508)

Deadline: September 1, 2011

The Catalyzing New International Collaborations program supports the participation of U.S. researchers and students in activities intended to catalyze new international collaborations. Proposals should describe U.S. participation in **new** international collaborations via activities including, but not limited to: planning visits, small workshops, initial data gathering activities, and the development of research coordination networks. The community is invited to propose innovative mechanisms and strategies for catalyzing new international collaborations to the stage that competitive research and education proposals can be submitted to relevant NSF programs for on-going support of the project. Any well-justified activity that fulfills the goals of the program will be considered. Creative use of technology in promoting international collaboration is encouraged. Funding levels for catalytic activities can typically range from as little as \$10,000 to as much as \$100,000, depending on the activities proposed. Proposals may be submitted for consideration after the target dates, but must be discussed with the [appropriate OISE geographic region/country Program Officer](#) before submission.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12815&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - USDA, NIFA - Critical Agricultural Materials Program

Document Type:	Modification to Previous Grants Notice
Funding Opportunity Number:	USDA-NIFA-OP-003504
Opportunity Category:	Discretionary
Posted Date:	Jul 29, 2011
Current Closing Date:	Sep 02, 2011
Archive Date:	Oct 02, 2011
Expected Number of Awards:	2
Estimated Total Program Funding:	\$1,000,000
Award Ceiling:	\$1,000,000
CFDA Number(s):	10.200 -- Grants for Agricultural Research, Special Research Grants
Cost Sharing or Matching Requirement:	No

The Critical Agricultural Materials Competitive Grants Program supports product development, demonstration and validation of product performance under operational field conditions, specifically for paints, coatings, adhesives for composites, and aerial delivery systems or components 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.

Applications may be submitted by any person, or public or private agency or organization. URL:

<http://www07.grants.gov/search/search.do?&mode=VIEW&oppId=109613>

\$ - NSF - [Research on Gender in Science and Engineering \(GSE\)](#) (NSF 10-516)

Letter of Intent Deadline: September 6, 2011 & February 8, 2012 (Required)

Full Proposal Deadline: October 13, 2011 & March 27, 2012

The Research on Gender in Science and Engineering program supports efforts to understand and address gender-based differences in science, technology, engineering, and mathematics (STEM) education and workforce participation through research, the diffusion of research-based innovations, and extension services in education that will lead to a larger and more diverse domestic science and engineering workforce. Typical projects will contribute to the knowledge base addressing gender-related differences in learning and in the educational experiences that affect student interest, performance, and choice of careers; how pedagogical approaches and teaching styles, curriculum, student services, and institutional culture contribute to causing or closing gender gaps that persist in certain fields. Projects will communicate and apply findings, evaluation results, and proven good practices and products to a wider community. URL:

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5475&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - 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

\$ - USDA, NIFA - Expert Integrated Pest Management Decision Support System

Document Type:	Grants Notice
Funding Opportunity Number:	USDA-NIFA-SRGP-003518
Opportunity Category:	Discretionary
Posted Date:	Aug 16, 2011
Current Closing Date:	Sep 09, 2011
Archive Date:	Oct 09, 2011
Funding Instrument Type:	Grant
Expected Number of Awards:	1
Award Ceiling:	\$145,000
CFDA Number(s):	10.200 -- Grants for Agricultural Research, Special Research Grants
Cost Sharing or Matching Requirement:	No

The purpose of the Expert Integrated Pest Management (IPM) Decision Support System (EIPMDSS) program is to support development of expert systems that help guide, demonstrate and multiply impacts of USDA supported IPM programs. The EIPMDSS created and maintained by the successful applicant will help these programs establish and communicate IPM research, education, and extension priorities; allow a diverse group of stakeholders to obtain access to selected program outputs; compile LOGIC model based program reports; and synthesize program impacts.

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

\$ - NSF - [Innovation Corps Program \(I-Corps\)](#) (NSF 11-560)

Full Proposal Window: September 9, 2011,

Annually Thereafter: December 15, March 15, & September 15

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

\$ - AARP Foundation - Sustainable Solutions to Hunger Innovation Grants

Deadline: September 15, 2011 (Letters of Inquiry)

The [AARP Foundation](#), AARP's affiliated charity, has announced a new grantmaking program designed to support the organization's commitment to changing the lives of vulnerable older Americans by helping to meet their everyday needs. The new AARP Foundation Grants Program seeks to fund a diverse range of promising projects that help create long-term, sustainable solutions to the problems faced by low-income adults age 50 and older. These projects may range from basic education to interventions spearheaded by organizations that address the social and behavioral aspects of these problems for older Americans. The grant program will focus its funding on the impact areas of hunger, housing, income, and personal connections. For 2011, the foundation will award approximately \$2 million in multiple grants

in the areas of hunger and income. Applications are being accepted for the program's first Request for Proposals -- Sustainable Solutions to Hunger Innovation Grants. The program will award a total of \$1 million in grants ranging from \$50,000 to \$300,000 to eligible organizations that focus on sustainable solutions designed to make a significant impact on community food security and sustainable food systems for those 50 and older. Grant proposals will only be accepted from nonprofit 501(c)(3) organizations and government entities.

URL: <http://www.aarp.org/aarp-foundation/Grants-Administration/>

\$ - USDA, NIFA - Military Family Readiness System (MFRS)

NIFA announces the availability of grant funds and requests applications for the Military Family Readiness System (MFRS) for fiscal year (FY) 2011 to develop a high quality, effective and efficient DoD-standard, joint-Service training resource (with supporting materials) to prepare Family Center/Family Readiness program staff (management and front line employees) to implement individual programs within the context of a “social service delivery system” model. Applications may be submitted by State agricultural experiment stations, State cooperative extension services, all colleges and universities, other research or educational institutions or organizations, Federal and private agencies and organizations, non-profit organizations, individuals, and any other domestic contractor or recipient, to further research, extension, or teaching programs in the food and agricultural sciences of the Department of Agriculture.

Solicitation Date (Opening)	August 11, 2011
Letter of Intent Due Date	None
Due Date (Closing)	September 12, 2011
Estimated Total Program Funding	\$1,818,182.00
Range of Awards	\$0.00 to \$1,818,182.00
Cost Sharing Requirements	none
For More Information Contact	Brent Elrod
Funding Opportunity Number	USDA-NIFA-EXCA-003517
CFDA Number	10.500

URL: http://www.nifa.usda.gov/funding/rfas/military_family_readiness.html

\$ - USDA, NIFA - Second Language & Cultural Exposure for Children and Youth Project (SLCECYP)

NIFA announces the availability of grant funds and requests applications for the Second Language & Culture Exposure for Children and Youth (SLCECY) Project for fiscal year (FY) 2011 to promote bold and innovative ideas for enhancing language and cultural capabilities within the Department of Defense Child & Youth programs. Applications may be submitted by State agricultural experiment stations, State cooperative extension services, all colleges and universities, other research or educational institutions or organizations, Federal and private agencies and organizations, non-profit organizations, individuals, and any other domestic contractor or recipient, to further research, extension, or teaching programs in the food and agricultural sciences of the Department of Agriculture.

Solicitation Date (Opening)	August 11, 2011
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Letter of Intent Due Date	None
Due Date (Closing)	September 12, 2011
Estimated Total Program Funding	\$1,818,181.00
Range of Awards	\$0.00 to \$1,818,181.00
Cost Sharing Requirements	none
For More Information Contact	Brent Elrod
Funding Opportunity Number	USDA-NIFA-COOP-003516
CFDA Number	10.500

URL: http://www.nifa.usda.gov/funding/rfas/second_language.html

\$ - RWJF - Health & Society Scholars Program

Deadline: September 30, 2011

The [Robert Wood Johnson Foundation](#) Health & Society Scholars program provides two years of support to postdoctoral scholars at all stages of their careers to help build the nation's capacity for research that addresses the multiple determinants of population health and contributes to policy change.

The program is based on the principle that progress in the field of population health depends on multidisciplinary collaboration and exchange. Its goal is to improve public health by training scholars to investigate the connections among biological, genetic, behavioral, environmental, economic, and social determinants of health; and to develop, evaluate, and disseminate knowledge, interventions, and policies that integrate and act on these determinants.

http://foundationcenter.org/pnd/rfp/rfp_item.jhtml?id=348500043

\$ - HMSA - Reducing Health Disparities between Native Hawaiians and Other Racial/Ethnic Groups in Hawaii.

Deadlines: Jan 1, April 1, July 1, Oct 1

The HMSA Foundation is extending this RFP to provide funding in an attempt to reduce health disparities between Native Hawaiians and other racial/ethnic groups in Hawai'i through school-based projects, community-based projects, and health care setting approaches.

URL:

<http://www.hmsafoundation.org/res/doc/RFP%20for%20health%20disparities%20reduction.doc>

\$ - USDA, NSF, NASA, NIH - National Robotics Initiative (NRI): 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. It will address the entire life cycle from fundamental research and development to industry manufacturing and deployment. Methods for the establishment and infusion of robotics in educational curricula and research to gain a better understanding of the long term social, behavioral and economic implications of co-robots across all areas of human activity are important parts of this initiative. Collaboration between academic, industry, non-profit and other organizations is strongly encouraged to establish better linkages between fundamental science and technology development, deployment and use. Two classes of proposals will be considered in response to this solicitation:

- Small projects: One or more investigators spanning 1 to 5 years.
- Large projects: Multi-disciplinary teams spanning 1 to 5 years.

Deadline: Small Proposal Letter of Intent (required) - October 01, 2011 (Annually Thereafter)

Deadline: Group Large Proposal Letter of Intent (required) - December 15, 2011 (Annually Thereafter)

Solicitation Date (Opening)	June 29, 2011
Due Date (Letters Of Intent):	Oct 1 & Dec 15, 2011
Estimated Total Program Funding	\$3,000,000.00
Range of Awards	Unavailable
Cost Sharing Requirements	None
For More Information Contact	Daniel Schmoltdt
Funding Opportunity Number	11-553
CFDA Number	10.310
Contact for Electronic Access Problems	webcomments@nifa.usda.gov

URL: http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf11553

\$ - NIH & CDC - Obesity Policy Research: Evaluation and Measures (R01) (PA-10-027)

Deadlines for R01: Feb. 5, June 5, **Oct. 5**

Deadlines for R21 & R03: Feb. 16, June 16, **Oct. 16**

This Funding Opportunity Announcement (FOA) encourages Research Project Grant (R01) applications that propose to: (1) conduct evaluation research on obesity-related “natural experiments” (defined here as community and other population-level public policy interventions that may affect diet and physical activity behavior), and/or (2) develop and/or validate relevant community-level measures (instruments and methodologies to assess the food and physical activity environments at the community level). The overarching goal of this FOA is to inform public policy and research relevant to (1) diet and physical activity behavior, and (2) weight and health outcomes of Americans. This FOA will utilize the research project (R01) grant mechanism, and runs in parallel with two other FOAs of identical scientific scope, PA-10-028 and PA-10-029 that encourage applications under the NIH Exploratory/Developmental (R21) and NIH Small Research (R03) grant mechanisms.

R01 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-027.html>

R21 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-028.html>

R03 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-029.html>

**\$ - NIH & CDC- School Nutrition and Physical Activity Policies, Obesogenic Behaviors and Weight Outcomes (R01) (PA-10-052)
Disease Control and Prevention**

Deadlines: Feb. 5, June 5, **Oct. 5**

Deadlines for R21 & R03: Feb. 16, June 16, **Oct. 16**

Grant applications are encouraged that propose to: (1) Foster multidisciplinary research that will evaluate how policies (federal, state and school district levels) can influence school physical activity and nutrition environments, youths’ obesogenic behaviors (e.g., nutrition and physical activity behaviors), and weight outcomes; (2) Understand how schools are implementing these policies and examine multi-level influences on adoption and implementation at various levels (e.g. federal, state, school district, and school); and (3) understand the synergistic or counteractive effect of school nutrition and physical activity polices on the home and community environment and body weight.

The funding opportunities described here are related, but separate to other recently announced program announcements: *Obesity Policy Research: Evaluation and Measures* (R01: PA-10-027; R21: PA-10-028; R03: PA-10-029). As a general guide, if the focus of a grant proposal is on evaluation research of obesity-related policies outside the school environment, and/or development/validation of community-level measures, the *Obesity Policy Research: Evaluation and Measures* funding opportunities may be the most appropriate. If a grant

proposal focuses on children in the context of home/family, schools and/or macro policy environments, the *School Nutrition and Physical Activity Policies, Obesogenic Behaviors and Weight Outcomes* may be the most appropriate funding opportunity to which researchers should apply.

R01 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-052.html>

R21 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-053.html>

R03 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-054.html>

\$ - NIH - Home- and Family-Based Approaches for the Prevention or Management of Overweight or Obesity in Early Childhood (R01) (PA-10-127)

Deadlines for R01: Feb. 5, June 5, Oct. 5

Deadlines for R21: Feb. 16, June 16, Oct. 16

This Funding Opportunity Announcement (FOA) invites Research Project Grant (R01) applications from institutions/organizations that propose randomized clinical trials testing novel home- or family-based interventions for the prevention or management of overweight in infancy and early childhood. Tested interventions can use behavioral (including dietary and physical activity), environmental, or other relevant approaches. Applications should focus on infants and young children (up to age 6) and emphasize the role of home environment and the influence of family/extended family members and parents (including guardians/substantial care-providers) within the child's home environment. The direct goal of this initiative is to fund research that will advance knowledge for innovative approaches to the prevention or management of overweight in children younger than 6 years of age, with potential for future translation to applications either in the home or linked to a community setting. Research should consider the familial mechanisms of behavior such as the role of families in the initiation, support, and reinforcement of fundamental food and beverage consumption, physical activity practices and sedentary behaviors. In addition, it is of interest to elucidate various underlying behavioral determinants that are crucial to initiate or sustain changes in behaviors that impact energy balance. Research designs may include linkages with other settings (e.g., daycare, pre-school, or other community venues) or other care providers (e.g., health-care providers or teachers) but must include infants or children younger than age 6 years as the primary study participant along with parents, and/or other family members residing with the child. The overarching goal is to identify interventions that influence parent and child behaviors that contribute to inappropriate weight gain, and thereby improve subsequent health status in childhood, adolescence, and adulthood for which overweight is a known risk factor. This FOA will utilize the research project (R01) grant mechanism and runs in parallel with a FOA of identical scientific scope, PA-10-128, that encourages applications under the R21 mechanism.

R01 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-10-127.html>

R29 FOA: <http://grants1.nih.gov/grants/guide/pa-files/PA-10-128.html>

\$- NIH -Geographic and Contextual Influences on Energy Balance-Related Health Behaviors (R01) (PA-08-192)

Deadlines for R01: Feb. 5, June 5, Oct. 5

Deadlines for R21: Feb. 16, June 16, Oct. 16

This funding opportunity announcement (FOA) encourages the submission of grant applications that propose hypothesis-driven projects exploring associations between the built environment, other contextual features of where people of all ages live and work and health behaviors related to energy balance. These projects should use population level data from health surveys and other large health studies. It is expected that the proposed projects will be designed to add/include contextual variables at diverse levels of geographic aggregation to such studies on behaviors that affect individual energy balance and thereby health. Subsequent analyses should be aimed at understanding the relative importance of the contextual variables (including home, work, school, and/or other environments) as determinants of energy balance-related health behaviors. Grant applications will be expected to use population level data from diverse sources for: 1) generation and addition of new geographic information system (GIS) data layers for analysis of contextual variables such as measures of the built and natural environments, to existing studies; 2) analyses of existing confidential geographic-based data either on site, at survey data centers, or other protected sites; and/or 3) merging multiple health-related data resources to allow new analyses of associations between contextual variables and energy balance-related health behaviors. This FOA will utilize the NIH research project R01 grant mechanism and runs in parallel with an FOA of identical scientific scope, PA-08-193, that solicits applications for exploratory, pilot projects under the NIH R21 grant mechanism.

R01 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-08-192.html>

R21 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-08-193.html>

\$ - NSF - [Louis Stokes Alliances for Minority Participation \(LSAMP\)](#) (NSF 11-543)

LSAMP Bridge to the Doctorate

Deadline Date: July 28, 2011

LSAMP Alliance Proposals

Deadline Date: October 7, 2011

Broadening Participation Research in STEM Education Proposals

Deadline Date: October 7, 2011

Pilot Regional LSAMP Centers of Excellence in Broadening Participation Proposals

Deadline Date: October 7, 2011

The Louis Stokes Alliances for Minority Participation (LSAMP) program provides funding for new, mid-level and senior-level alliances, the Bridge to the Doctorate (LSAMP-BD) Activity, and knowledge generation activities in broadening participation, e.g., research on topics in STEM education related to retention and persistence of students from populations

underrepresented in STEM majors and careers. In FY2012, the program plans to support up to two pilot regional Louis Stokes Centers of Excellence in Broadening Participation which will further scholarly research in broadening participation in STEM disciplines and mentor institutions regionally that have interest in increasing STEM B. S. degrees to underrepresented minorities but are not currently participating in one of the 41 existing alliances.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13646&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - Robert Wood Johnson Foundation (RWJF) -Scholars in Health Policy Research

Deadline: October 12, 2011

The RWJF Scholars in Health Policy Research program develops and supports a new generation of creative health policy thinkers and researchers within the disciplines of economics, political science and sociology. Each year the program selects up to nine highly qualified individuals for two-year fellowships at one of three nationally prominent universities with the expectation that they will make important research contributions to future U.S. health policy. Scholars will receive stipends of \$89,000 each year.

URL: http://www.rwjf.org/applications/solicited/cfp.jsp?ID=21370&cid=XEM_206611

\$ - NIH & CDC - Community-Based Partnerships for Childhood Obesity Prevention and Control: Research to Inform Policy (R03) (PA-09-140)

Deadlines: Feb. 16, June 16, Oct. 16, 2011

The purpose of this funding opportunity announcement (FOA) is to enhance childhood obesity research by fostering the formation of local, state, or regional teams consisting of researchers, policymakers, and other relevant stakeholders (e.g., community representatives, public health practitioners or officials, educators) in order to identify research questions and hypotheses, design and implement the relevant research, and translate the research into evidence relevant to potential policy efforts in this area. The R03 grant mechanism supports different types of projects including pilot and feasibility studies; secondary analysis of existing data; small, self-contained research projects; development of research methodology; and development of new research technology. The R03 is intended to support small research projects that can be carried out in a short period of time with limited resources. This FOA will utilize the NIH Small Research Grant (R03) award mechanism and runs in parallel with an FOA of identical scientific scope, PA-09-141, that encourages applications under the NIH Exploratory/Developmental Grant (R21).

R03 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-09-140.html>

R21 FOA: <http://grants.nih.gov/grants/guide/pa-files/PA-09-141.html>

\$ - USDA & NSF - Water Sustainability and Climate (WSC)

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.

The estimated number of awards is 12 to 26. Three categories of awards are anticipated for this solicitation. Category 1 Awards: Small exploratory or incubation grants to develop teams, identify sites, hold workshops and develop plans for establishment or operation of a study site or modeling effort. These will be 1-2 years in duration for up to \$150,000. An estimated 4-10 awards are expected to be made for Category 1 proposals. Category 2 Awards: Place-based observational and modeling studies, up to 5 years in duration and for a maximum of \$5 million for each award. An estimated 2-4 awards are expected to be made for Category 2 proposals. Category 3 Awards: Synthesis, modeling and integration grants that will use existing data to integrate and synthesize across watershed and groundwater sites. Both NSF and USDA/NIFA funds will be used to support this category. Some projects may be funded directly by USDA/NIFA. Project durations are 3-5 years, for a maximum of \$1.5 million for each award. An estimated 6-12 awards are expected to be made for Category 3 proposals. A total of \$31,000,000 is expected for the FY2012 competition, pending availability of funds. Of this amount, NIFA anticipates contributing approximately \$5,000.

Solicitation Date (Opening)	June 17, 2011
Letter of Intent Due Date	None
Due Date (Closing)	October 19, 2011
Estimated Total Program Funding	\$5,000,000.00
Range of Awards	\$150,000.00 to \$5,000,000.00
Cost Sharing Requirements	None
For More Information Contact	Mary Ann Rozum
Funding Opportunity Number	NSF 11-551
CFDA Number	10.310

http://www.nsf.gov/publications/pub_summ.jsp?WT.z_pims_id=503452&ods_key=nsf11551

\$ - USDA, SARE, Western Region - Professional Development Program

Deadline: November 04, 2011

These grants focus on training agricultural professionals to help them spread knowledge about sustainable agriculture concepts and practices. PDP grants are limited to \$60,000 for single-state applications, while applications with meaningful involvement from more than one state can apply for up to \$100,000. Grants can run for up to three years, with the final year to be focused on project evaluation.

<https://wsare.usu.edu/grants/>

\$ - USDA, SARE, Western Region - Producer

Deadline: December 02, 2011

These one to three year grants are conducted by agricultural producers with support and guidance from a technical advisor (e.g. Extension Agent, University Researcher, ARS Scientist or other Ag Professional). Individual producers may apply for up to \$15,000, and a group of three or more producers may apply for up to \$30,000. 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.

<https://wsare.usu.edu/grants/>

\$ - USDA, SARE, Western Region - Professional + Producer

Deadline: December 02, 2011

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 – coordinates the project. Applicants can seek up to \$50,000 and must have a minimum of five producers involved.

<https://wsare.usu.edu/grants/>

\$ - NSF - Industry/University Cooperative Research Centers Program (I/UCRC)

Letter of Intent Deadline Date: January 2, 2012 (Annually Thereafter)

Full Proposal Deadline Date: March 6, 2012 (Annually Thereafter)

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 – Informal Science Education (ISE) (NSF 10-565)

Deadlines:

Preliminary proposal August 12, 2011 (optional)

Full Proposal: January 11, 2012

The ISE program supports innovation in anywhere, anytime, lifelong learning, through investments in research, development, infrastructure, and capacity-building for STEM learning outside formal school settings. "Informal" science education experiences are those that occur outside formal school settings. Americans spend over 80% of lifetime waking hours outside schools (Stevens & Bransford, 2007), and potentially have access to a vast array of learning resources, experiences, and educators. Moreover, mobile media and social networks have increased educational possibilities to create a global learning environment accessible by learners of all ages. In the larger landscape of 21st century STEM education, informal settings are positioned to play a pivotal role. They offer a number of fundamental strengths to STEM learners, with related challenges that NSF encourages the field to address. To advance the field of informal science education, the ISE program encourages project proposals that incorporate activities in *research and evaluation*, *design and development*, or *capacity-building*. The ISE program seeks to build the STEM and education expertise of informal science education's broad community of professionals, volunteers, parents and caregivers, and all those with potential to facilitate the learning of others. Partnerships among creators of informal science education experiences, STEM experts, and learning researchers that encourage the integration of institutional programs and resources are highly desirable. ISE invests in Conferences, Symposia, and Workshops; EAGER and RAPID grants; and Grant Supplements. The ISE program also invests in five types of projects that are specific to the program: Research; Connecting Researchers and Public Audiences; Pathways; Full-Scale Development; and Broad Implementation. These project categories relate to the DRL cycle of innovation (see URL below for additional information). Estimated Number of Awards: 60 - Approximately 8 Research, 8 Pathways, 17 Full-Scale Development, 3 Broad Implementation, and up to 24 Connecting Researchers and Public Audiences awards (CRPA) will be made per year. Anticipated Funding Amount: \$28,000,000 in FY 2012 for new awards, pending availability of funds.

http://www.nsf.gov/pubs/2011/nsf11546/nsf11546.htm?WT.mc_id=USNSF_25&WT.mc_ev=click

\$ - NSF - [Science, Technology, and Society \(STS\)](#) (NSF 08-553)

Deadline Dates: August 1, 2011 & **February 1, 2012**

STS considers proposals that examine historical, philosophical, and sociological questions that arise in connection with science, engineering, and technology, and their respective interactions with society. STS has four components:

- Ethics and Values in Science, Engineering and Technology (EVS),
- History and Philosophy of Science, Engineering and Technology (HPS),
- Social Studies of Science, Engineering and Technology (SSS),
- Studies of Policy, Science, Engineering and Technology (SPS).

The components overlap, but are distinguished by the different scientific and scholarly orientations they take to the subject matter, as well as by different focuses within the subject area. STS encourages the submission of hybrid proposals that strive to integrate research involving two or more of these core areas. STS provides the following modes of support:

- Scholars Awards,
- Standard Research Grants and Grants for Collaborative Research,
- Postdoctoral Fellowships,
- Professional Development Fellowships,
- Doctoral Dissertation Research Improvement Grants,
- Small Grants for Training and Research,
- Conference and Workshop Awards,
- Other Funding Opportunities.

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5324&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - NSF - [Research Coordination Networks \(RCN\)](#)

RCN SEES Track Deadline Date: February 3, 2012

Each of the targeted RCN tracks have specific annual deadlines; proposals for these tracks should be submitted to the RCN solicitation.

General (non-targeted) RCN proposals should be submitted to a participating program in BIO, GEO, SBE, OCI or OPP. Refer to the specific program website for submission dates. PIs are encouraged to discuss suitability of an RCN topic with the program.

The goal of the RCN program is to advance a field or create new directions in research or education. Groups of investigators will be supported to communicate and coordinate their research, training and educational activities across disciplinary, organizational, geographic and international boundaries. RCN provides opportunities to foster new collaborations, including international partnerships, and address interdisciplinary topics. Innovative ideas for implementing novel networking strategies, collaborative technologies, and development of community standards for data and meta-data are especially encouraged. Proposed networking activities directed to the RCN program should focus on a theme to give coherence to the collaboration, such as a broad research question or particular technologies or approaches. More at: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=11691&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

\$ - NSF - [SBE Doctoral Dissertation Research Improvement Grants \(SBE DDRIG\)](#) (NSF 11-547)

Full Proposal Deadline Date: Multiple due dates depending on topic

Program Guidelines: 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. In an effort to improve the quality of dissertation research, many programs in both BCS and SES, the Research on Science and Technology Surveys and Statistics program within NCSES, and the Science of Science and Innovation Policy program in SMA accept doctoral dissertation improvement grant proposals. Requirements vary across programs, so proposers are advised to consult the

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=13453&WT.mc_id=USNSF_39&WT.mc_ev=click