

**New Funding Opportunities
July 7, 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.**

Sharee Pepper, PhD
Office of the Associate Dean & Associate Director for Research
College of Tropical Agriculture & Human Resources
University of Hawaii at Manoa
Honolulu, HI 96822
Phone: (808) 956-4556
Fax: (808) 956-6967
E-mail: spepper@hawaii.edu

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)

\$ - NSF - [NSF Scholarships in Science, Technology, Engineering, and Mathematics \(S-STEM\)](#) (NSF 09-567)

Letter of Intent Deadline Date: July 13, 2011

This program makes grants to institutions of higher education to support scholarships for academically talented, financially needy students, enabling them to enter the workforce following completion of an associate; baccalaureate; or graduate-level degree in science and engineering disciplines. Grantee institutions are responsible for selecting scholarship recipients, reporting demographic information about student scholars, and managing the S-STEM project at the institution.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5257&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - NSF - [Cyberlearning: Transforming Education](#) (NSF 10-620)

Full Proposal Deadline Date: July 14, 2011

Integration and Deployment Projects (INDP)

Through the *Cyberlearning: Transforming Education* program, NSF seeks to integrate advances in technology with advances in what is known about how people learn to:

- better understand how people learn with technology and how technology can be used productively to help people learn, through individual use and/or through collaborations mediated by technology;
- better use technology for collecting, analyzing, sharing, and managing data to shed light on learning, promoting learning, and designing learning environments; and
- design new technologies for these purposes, and advance understanding of how to use those technologies and integrate them into learning environments so that their potential is fulfilled.

Of particular interest are technological advances that allow more personalized learning experiences, draw in and promote learning among those in populations not currently served well by current educational practices, allow access to learning resources anytime and anywhere, and provide new ways of assessing capabilities. It is expected that Cyberlearning research will shed light on how technology can enable new forms of educational practice and that broad implementation of its findings will result in a more actively-engaged and productive citizenry and workforce.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503581&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - USDA, NIFA - National Integrated Water Quality Program

Document Type:	Modification to Previous Grants Notice
Funding Opportunity Number:	USDA-NIFA-ICGP-003447
Opportunity Category:	Discretionary
Posted Date:	May 20, 2011
Current Closing Date:	Jul 15, 2011
Archive Date:	Aug 14, 2011
Expected Number of Awards:	28
Estimated Total Program Funding:	\$10,000,000
Award Ceiling:	\$750,000
Award Floor:	\$0
CFDA Number(s):	10.303 -- Integrated Programs
Cost Sharing or Matching Requirement:	Yes

The goal of the National Integrated Water Quality Program (NIWQP) is to contribute to the improvement of the quality of our Nation's 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 Nation's surface water and groundwater resources in agricultural, rural, and urbanizing watersheds.

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

\$ - USDA, NIFA - Afghanistan Agricultural Extension Project

Document Type:	Grants Notice
Funding Opportunity Number:	USDA-NIFA-EXCA-003453
Opportunity Category:	Discretionary
Posted Date:	Jun 01, 2011
Current Closing Date:	Jul 15, 2011
Archive Date:	Aug 14, 2011
Funding Instrument Type:	Cooperative Agreement
Expected Number of Awards:	1
Estimated Total Program Funding:	\$14,000,000
CFDA Number(s):	10.324 -- Afghanistan Agricultural Extension Project (AAEP)

Cost Sharing or Matching Requirement: No

On behalf of the U.S. Department of Agriculture and the Foreign Agricultural Service, the National Institute of Food and Agriculture (NIFA) announces the availability of funds and requests applications for the Afghanistan Agricultural Extension Project (AAEP) for Fiscal Year (FY) 2011. NIFA is requesting applications from U.S. land-grant universities to assist Afghanistan's Ministry of Agriculture, Irrigation, and Livestock (MAIL) as they attempt to deliver more effective, demand-driven extension services to producers and other rural clientele in selected areas of the country. The project will focus on professional development training for extension staff, primarily at the provincial and district levels, in order to increase extension's ability to meet farmers' needs and ultimately build public confidence in MAIL's capacity to provide critical services. Anticipated results of the project include a cadre of extension staff with the technical expertise and appropriate methodologies to effectively extend information and knowledge; increased public accessibility to, and use of, government extension services; development of extension training modules and educational materials based on high-priority needs; targeted agricultural universities, vocational high schools, and technical institutes with increased capacity to prepare future extension personnel; improved services for women working in the agricultural sector; and a pluralistic approach to extension that responds to farmers needs for research-based technologies, builds upon the innovations of Afghanistan farmers, and promotes coordination among the various entities providing extension-related services. In FY 2011, approximately \$14 million is available for support of this program. All funds related to this project must be expended, and all activities must be completed, no later than September 30, 2014.

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

\$ - NSF - [Tribal Colleges and Universities Program \(TCUP\)](#) (NSF 11-538)

Initiation Project Proposal Deadline Date: July 21, 2011

Research Initiation Awards Proposal Deadline Date: August 4, 2011 Targeted STEM

Infusion Project Proposals Deadline Date: August 4, 2011

Planning Grant Proposals; Broadening Participation Research in STEM Education Proposals: Proposal Accepted Anytime

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, Initiation Projects, Broadening Participation Research in STEM Education (BPR) Projects, Targeted STEM Infusion Projects (TSIP), and Research Initiation Awards (RIA)**. 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.

- **Planning Grants** provide support to undertake self-analysis of the TCUP-eligible institution's undergraduate STEM programs to identify components that need improvement or enhancement in order to ensure a high-quality undergraduate STEM education.
- **Initiation Projects** provide support to design, implement and assess comprehensive institutional efforts to increase the numbers of STEM students and the quality of their preparation by strengthening STEM education and research. Initiation Projects create and/or adapt and assess innovative models and materials for teaching and learning in STEM, embody knowledge about how students learn most effectively in STEM teaching and learning activities, and bring STEM disciplinary advances into the undergraduate experience.
- **Broadening Participation Research in STEM Education (BPR)** provides support for research projects that seek to create and study new models and innovations in STEM teaching and learning, enhance the understanding of the participation of diverse groups in STEM education and inform education practices and interventions. BPR projects add new research-based strategies and models to broadening participation in STEM and increase the capacity of scholars in TCUP-eligible institutions to conduct this type of research.
- **Targeted STEM Infusion Projects (TSIP)** provide support toward achieving a short-term, well-defined goal that promises to improve the quality of undergraduate STEM education at an eligible institution. Targeted STEM Infusion Projects could, for example, enhance academic infrastructure by systematically adding traditional knowledge to the scope or content of a STEM course, updating curriculum, modernizing laboratory research equipment, or improving the computational network array for research and education.

Research Initiation Awards (RIA) provide support for faculty members in STEM areas at TCUP-eligible institutions to pursue research at an NSF-funded Center, at a research-intensive institution, or at a national laboratory. Awards are intended to help further the faculty member's research capability and effectiveness, to improve research and teaching at his or her home institution, and to involve undergraduate students in research experiences. These awards are particularly appropriate as a means of recruiting and retaining highly qualified scientists and engineers at TCUP-eligible institutions. See the following URL for additional information: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5483&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - USDA, Rural Development - Rural Cooperative Development Grant Program (RCDG)

Deadline: July 22, 2011

The primary objective of the RCDG program is to improve the economic condition of rural areas through cooperative development. Grant funds are provided for the establishment and operation of Centers that have the expertise, or who can contract out for the expertise, to assist individuals or entities in the startup, expansion or operational improvement of rural businesses, especially cooperative or mutually owned businesses (Section 310B(e)(5)). The program is administered through USDA Rural Development State Offices. Applications must propose the development or continuation of a cooperative development center concept. Focusing assistance on only one cooperative or mutually-owned business will not be considered for funding

<http://www.rurdev.usda.gov/wi/programs/rbs/coopdevo.htm>

\$ - NSF - [Faculty Early Career Development \(CAREER\) Program](#) (NSF 11-690)

BIO, CISE, EHR, OCI Deadline Date: July 25, 2011

ENG Deadline Date: July 26, 2011

GEO, MPS, SBE, OPP Deadline Date: July 27, 2011

CAREER: The Faculty Early Career Development (CAREER) Program is a Foundation-wide activity that offers the National Science Foundation's most prestigious awards in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations. Such activities should build a firm foundation for a lifetime of leadership in integrating education and research. NSF encourages submission of CAREER proposals from junior faculty members at all CAREER-eligible organizations and especially encourages women, members of underrepresented minority groups, and persons with disabilities to apply.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=503214&WT.mc_id=USNSF_48&WT.mc_ev=click

\$ - 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

\$ - USDA, NIFA - Critical Issues: Emerging and New Plant and Animal Pests and Diseases

Document Type:	Modification to Previous Grants Notice
Funding Opportunity Number:	USDA-NIFA-OP-003462
Opportunity Category:	Discretionary
Posted Date:	Jun 23, 2011
Current Closing Date:	Aug 01, 2011
Archive Date:	Aug 31, 2011
Estimated Total Program Funding:	\$305,000
CFDA Number(s):	10.200 -- Grants for Agricultural Research, Special Research Grants
Cost Sharing or Matching Requirement:	No

The program is designed to provide one-time seed funding to help initiate work requiring immediate attention until other longer-term resources can be secured to address the issue. Priority will be given to proposals that demonstrate evidence of collaboration and communication with working groups and approved multi-state research committees, however all applicants qualified to conduct the research are encouraged to apply. For this particular solicitation, NIFA is requesting proposals that address specific aspects of the following issues: The Bagrada bug, *Bagrada hilaris*, (also known as the painted bug or harlequin bug) on vegetable crops; **Rat lungworm, *Angiostrongylus cantonensis***, and associated disease transmission to humans; **Groundnut ringspot virus (GRSV)** in tomato and other agronomic crops. See Part II, C. for a more detailed description of the types of proposals that are being solicited.

http://www.csrees.usda.gov/funding/rfas/critical_issues_Bagrada_bug_lungworm_ringspot.html

\$ - 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

\$ - RWJF - Healthy Eating Research: Building Evidence to Prevent Childhood Obesity - Rapid-Response grants

Deadline: August 2, 2011 (concept papers)

These grants will support time-sensitive and opportunistic studies on emerging or anticipated changes in food-related policies or environments that can only be conducted during a short window of opportunity and are needed to inform policy debates for local, state or national action. Studies that are not urgent and time-sensitive are not eligible for funding as rapid-response grants. Approximately \$875,000 will be awarded for rapid-response grants of up to \$150,000 each, for a maximum funding period of 18 months. Grants will be awarded on a rolling basis. These grants require a two-stage proposal application process, including an initial one-page concept paper and subsequent full proposal (if invited).

<http://www.healthyeatingresearch.org/component/content/article/282>

\$ - 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

\$ - USDA, NIFA - Multicultural Scholars Program

Document Type:	Grants Notice
Funding Opportunity Number:	USDA-NIFA-HEMS-003458
Opportunity Category:	Discretionary
Posted Date:	Jun 20, 2011
Current Closing Date:	Aug 22, 2011
Archive Date:	Sep 21, 2011
Estimated Total Program Funding:	\$1,100,000
Award Ceiling:	\$600,000
Award Floor:	\$20,000
CFDA Number(s):	10.220 -- Higher Education Multicultural Scholars Program

Cost Sharing or Matching Requirement: No

The purpose of the Higher Education Multicultural Scholars Program is to provide scholarships to support recruiting, engaging, retaining, mentoring, and training committed, eligible multicultural scholars, resulting in either baccalaureate degrees within the food and agricultural sciences disciplines or the Doctor of Veterinary Medicine (D.V.M.) degree. **The scholarships are intended to encourage outstanding students from groups that are traditionally underrepresented and underserved in Science, Technology, Engineering, and Mathematics (STEM) specifically for the USDA mission sciences, to pursue and complete baccalaureate degrees in food and agricultural sciences, or achieve a D.V.M. that would lead to a diverse and highly skilled work force.** Applications are sought for student education that will: (i) prepare graduates to meet the demand for highly qualified personnel entering the STEM workforce within the food and agricultural sciences domain; (ii) pipeline more undergraduates into graduate education in USDA mission sciences; (iii) contribute to the reduction of the disparity among underrepresented and underserved populations entering graduate schools to reflect the demographics of this country and enable the American system of higher education to remain globally competitive; (iv) promote student success within food, agricultural and related science disciplines at the undergraduate/D.V.M. level; and (v) focus on student learning, academic preparation, social support structure, and professional mentoring to ensure entry into food and agricultural sciences areas and completion of graduate education or high level of competitiveness for the workforce.

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

\$ - NSF -Research Experiences for Undergraduates (REU)**Deadline Date: August 24, 2011**

The Research Experiences for Undergraduates (REU) program supports active research participation by undergraduate students in any of the areas of research funded by the National Science Foundation. REU projects involve students in meaningful ways in ongoing research programs or in research projects specifically designed for the REU program. This solicitation features two mechanisms for support of student research: (1) *REU Sites* are based on independent proposals to initiate and conduct projects that engage a number of students in research. REU Sites may be based in a single discipline or academic department, or on interdisciplinary or multi-department research opportunities with a coherent intellectual theme. Proposals with an international dimension are welcome. A partnership with the Department of Defense supports REU Sites in DoD-relevant research areas. (2) *REU Supplements* may be requested for ongoing NSF-funded research projects or may be included as a component of proposals for new or renewal NSF grants or cooperative agreements.

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5517&WT.mc_id=USNSF_39&WT.mc_ev=click

\$ - 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.

<http://www.gpo.gov/fdsys/pkg/FR-2011-06-28/html/2011-16121.htm> &
http://www.rurdev.usda.gov/BCP_VAPG_Grants.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/>

\$ - 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>

\$ - 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 policies 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>

\$ - 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 - Water Sustainability and Climate

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

Solicitation Date (Opening)	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 - [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