

CTAHR RESEARCH NEWS

December 2008
Volume 4, Issue 10



Lori Yancura stands before one of her research conference posters.

Grandparents raising grandchildren

CTAHR's seed program

Grant funds available

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From the Associate Dean and Associate Director for Research

The heavy rains brought by another violent storm last week eased some of the draught stress of a record dry year! Unfortunately, too much rain in such a short time is not a blessing and many of our local farmers experienced flood damage to their fields and crops. This is a typical example of the challenges for farming; despite all the progress made by the adoption of modern technologies, we are still at the mercy of Mother Nature! As we approach the end of another year we do have many things to be thankful for and I will mention just a few. Although we are in the middle of a long recession and the budget is a big challenge for all of us, our college is fiscally sound and we are continue to interview and are filling critical faculty and staff positions. Our faculty continues to write and submit proposals and in less than six months we have already exceeded last year's grant intake. Also, on an average each of our faculty have published more than two refereed journal papers per year during the past three years. We will weather this tumultus time together, and like the spring following the winter, the good times cannot be too far away.

This month I would like to introduce to you Dr. Lori Yancura, a fairly new faculty member from the Family and Consumer Sciences Department. Dr. Yancura is a health psychologist by training, and she is also our in-house gerontologist, dealing with issues facing an ever increasing population of older citizens in Hawaii. As Lori says herself, the strength of our families is a rarely mentioned resource in our society. As our society continues to get older, the research and issues Dr. Yancura is working on have become increasingly important. One of Lori's studies was picked up by the local TV station, and another study on stress and good cholesterol was covered by

our campus newspaper (<http://archive.uwire.com/2007/09/06/u-hawaii-study-coping-with-stress-increases-good-cholesterol/>). Dr. Yancura has developed a productive academic program since joining CTAHR in 2004. As you can read from her article, she has collaborated with a number of faculty for research and extension projects. This is the model for all our programs, and it will generate value for our stakeholders in the years to come. We are pleased to have Dr. Yancura with our CTAHR ohana.

Our office has been operating without a secretary for more than four months now. We are happy to report that we finally received a list of applicants from the State Human Resources, and we are conducting interviews at the moment. I expect a successful candidate will be identified and hopefully we will have a new secretary reporting to duty soon. As most of you know we have been compiling a faculty research portfolio in the last two months. I am happy to report most our research faculty members have submitted their entries. You can read this document at: http://www.ctahr.hawaii.edu/vincent/CTAHR_Faculty_Research_Portfolio.pdf

Happy Holidays and Happy New Year to you and your families! See you in 2009!



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Taking care of one of Hawai‘i’s most precious natural resources

By Lori Yancura
Assistant Professor
Department of Family and Consumer Sciences



Pamela Kutara and Lori Yancura at the Hawaii Caregiver’s Conference: “Caring for Family, Caring for Yourself” presented by AARP Hawaii and the Elderly Affairs Division of the City and County of Honolulu.

Hawai‘i is blessed with an abundance of natural resources: the sea, the land, and the weather. However many people overlook one of its most vital resources –the strength of its families. These family ties are especially important in consideration of the large percentage of kupuna, or older adults, in our state’s population. Between 1990 and 2000, the older adult population in Hawaii grew twice as fast as the older adult population nationally. Between 2000 and 2020, the population of adults over the age of 65 in Hawai‘i is projected to increase by 70%. This demographic imperative calls for knowledge of the factors that influence well-being and programs that optimize the quality of life for this increasing number of older adults. Because families are a system, the health

and well-being of older adults and their families are interrelated. My program of research examines ways to enhance the health and quality of life of older adults in Hawai‘i by promoting resiliency and well-being in their families.

My position in the Department of Family and Consumer Sciences, as well as my training as a health psychologist and gerontologist, has provided me with a unique opportunity to examine the influence of social roles, such as raising grandchildren and caretaking for older family members, on the health of older adults in Hawai‘i. I am very fortunate to work with a talented and dedicated group of colleagues, Dr.’s Carolyn Aldwin and Rick Levenson in the Department of Human Development and Family Sciences at Oregon



Students passing out 'Ohana Caregivers brochures at the Senior Fair at the Blaisdell Center.

State University, Dr. Avron Spiro of Boston University Medical School and the Department of Veteran's Affairs, Dr. Senaida Fernandez at the Columbia University School of Medicine, and **Dr. Barbara Yee**, in my department.

The health risks faced by older adults who are providing care for other family members are well-documented in the research literature. The main idea is that caregiving roles are often associated with stress, which leads to poor mental and physical health. However, few studies have examined the positive influence of caregiving, and even fewer have examined how culture plays into this influence.

People living in Hawaii come from a myriad of cultural backgrounds. Many cultures of Asian and the Pacific Islands typically place high value on family relationships. The intersection of family caregiving and culture raises several interesting questions. What are the positive and negative effects of providing care for family members on health? How do these effects differ between cultures that place greater and lesser emphasis on family roles? What types of programs and services can maximize health in culturally diverse populations of family caregivers? I am conducting several studies with both research and outreach components to explore these questions in samples of two different types of caregivers, those who are taking

care of grandchildren and those who are taking care of older family members.

Grandparents raising grandchildren

One aspect of my research program focuses on grandparents taking care of their grandchildren. As you might imagine, grandparents may fill a variety of roles in their grandchildren's lives. They may live in the same or separate households from their grandchildren. They may be providing care for a few hours each week, while the children's parents are at work, or full-time because their grandchildren's parents cannot take care of their children themselves. They often provide care in response to family crises, such as death, divorce, incarceration, or substance abuse problems. Those that provide care 40 hours per week without assistance from the parents of their grandchildren are particularly vulnerable to poor health outcomes. The research literature calls these primary caretakers *grandparents raising grandchildren*, or GRG. Depending upon the reasons their grandchildren are in their care, GRG face many challenges, such as their grandchildren's emotional and behavioral problems, financial troubles, and legal hassles associated with seeking custody of their grandchildren. Many grandparents are in this situation; according to the U.S. Census there are approximately 10,000 GRG in Hawai'i.



'Ohana Caregivers



Grandparents Raising Grandchildren



Caregivers For Seniors



Are you an 'Ohana Caregiver?

An 'Ohana Caregiver, or family caregiver, is someone who takes care of family members aside from or in addition to their own children. 'Ohana Caregivers are also known as family caregivers. According to the National Family Caregivers' Alliance, there are over 100,000 family caregivers taking care of older family members in the State of Hawai'i. Some of these caregivers are taking care of older family members, such as parents, aunts, or uncles. Others are taking care of younger family members, such as grandchildren. All 'Ohana Caregivers make a positive difference in the lives of the people for whom they care.

Who Are We?

Our group is interested in both the blessings and challenges experienced by 'Ohana Caregivers. We believe in celebrating the blessings and finding solutions to the challenges. Our goal is to improve the health, well-being, and quality of life of 'Ohana Caregivers in Hawai'i.

What Do We Do?

We conduct research about and provide education to all 'Ohana Caregivers – those caring for older family members and those caring for grandchildren. This website describes some of our projects and provides information and resources for both types of

The 'Ohana Caregiver's website is a source for our outreach efforts (www.hawaii.edu/ohanacaregivers).

One of the first projects I conducted with GRG was funded through Hatch Funds. It involved conducting a series of in-depth interviews with GRG and other (non-custodial) grandparents. My research team (**Allyson Higa**, Koah Vierkoetter, and Meiko Arai) and I recruited participants for this study by staging educational booths at the annual Senior Fair at the Blaisdell Center and at the Children and Youth day at the State Capitol. Results from these interviews showed that grandparent's physical health was not related to the actual number of hours that grandparents are providing care, but that it was related to the perception of caregiving duties. Perceiving these duties as burdensome was associated with poorer health. With financial support from the State of Hawai'i Executive Office on Aging and permission from the Department of Education, we are currently conducting a survey of 3,500 GRG whose grandchildren attend public schools to extend this study.

Another one of my projects with GRG was an outreach project, conducted in collaboration project with **Kaulana Keala**, an former extension specialist on Maui County. We called this project 'Ohana Caregivers and used a logo designed by **Miles Hakoda** of the CTAHR Office of Communication Services to give materials associated with this project a streamlined and professional look. For this project, we conducted focus groups with GRG on Kauai, Maui, and Oahu to help us develop a series of culturally appropriate brochures for their peers. These brochures convey information on: how to manage stress, cope with addiction in the family, understand children's problem behaviors, and find community resources. Copies are available for download on the project website <http://www.hawaii.edu/ohanacaregivers>. This project also resulted in two published papers. One describes the process of tailoring health messages for a culturally diverse population (Yancura, *in press*) and the other details the use of focus

groups to develop effective brochures (Yancura, 2008, October).

I have just received a Hatch grant for a study to refine and pilot test an intergenerational reminiscence intervention with local GRG and their adolescent grandchildren. The reminiscence program will consist of a series of structured workshops within which grandchildren interview their grandparents as the grandparents reminisce about their lives. The grandchildren will then make brief films of these events or themes. Students in a special topics course helped me to develop a filmmaking protocol using standard software (Windows Movie Maker and iMovie). These 10-15 minute films use videotaped interviews with the older adults and scans of family pictures to illustrate their lives. The older adults who participated in the class project reported increased well-being as a result of sharing their stories and a great deal of satisfaction with the finished films. In addition to this, the academic literature on reminiscence therapy suggests that sharing stories of the past with family members should have beneficial effects on the health and well-being of grandparents. This intervention is also appropriate for local GRG because it is in fit well with Hawai'i's

tradition of talk story. My research team and I are looking forward to implementing the first phase of this project this summer. Feel free to contact me at loriena@hawaii.edu if you know of any GRG and their grandchildren ages 11-16 who would be interested in participating in this project.

My work with grandparents raising grandchildren has also led to exciting opportunities for me to advocate for grandparents through the legislative process. I was funded by the State of Hawai'i Executive Office on Aging to conduct two needs assessments of Grandparents Raising Grandchildren, one on their general service needs and another on their need for respite care. I reported the results of my findings to the Joint Legislative Committee on Family Caregiving in 2007 and the Joint Legislative Committee on Aging In Place in 2008. I was also appointed by State Senator Les Ihara to co-chair a legislative subcommittee to explore the needs of GRG for the 2008-2009 legislative session.

Family Caregivers

My research program also includes projects focusing on family (unpaid) caregivers for older adults. Current figures suggest that Hawai'i's family caregivers provide over 135 million hours of service at an estimated economic value of \$1.3 billion per year. Studies have shown that many family caregivers are juggling both caregiving and full-time job responsibilities. Many are also filling other challenging family roles as parents or custodial grandparents. Research has shown that family caregiving for older adults can have negative effects on the physical and psychological health of caregivers, particularly those who fill multiple roles.

One of our projects for caregivers of older adults was funded by the SMP program (formerly SageWatch) of the State of Hawai'i Executive Office on Aging. My co-investigator for this project is **Pamela Kutara**, a CTAHR Extension Specialist. We are using an intergenerational approach to plan, develop and disseminate educational materials for family caregivers to recognize and prevent healthcare fraud, waste and abuse. We conducted focus groups with family caregivers in the community and developed a series of educational videos with the help of Royd Liu and Erica Aloang of UH Manoa Information Technology Services. These videos are on topics such as working with service providers and health insurance companies. They are expected to air on television on



Koah Vierkoetter and Allyson Higa helping to recruit participants with a Keiki fishing booth at the Children & Youth Day at the State Capitol.

the Olelo channel in Spring 2009; final copies of the DVD will be available by Spring 2009.

Our most recent project in this area is a little closer to our home on the UH campus. This project involves collaboration between myself and several CTAHR colleagues, **Pamela Kutara**, **Heather Greenwood**, of the Maui County Extension Office, and **Michael Cheang** of the Department of Family and Consumer Sciences. We have recently received Hatch funding to conduct a needs assessment of family caregivers employed at University of Hawaii and Manoa, use the findings from this assessment to develop an educational family caregiver support program, and pilot test this program on the UH Manoa Campus. We anticipate that this program will include a series of lunchtime workshops on topics relevant to family caregiving. This program also includes an evaluation component to test the positive effects of support and education on the health and well-being of family caregivers as well as increases in workplace morale and productivity. The program has already received enthusiastic support from Peggy Hong, the Director of the UH Manoa Office of Human Resources.

CTAHR's mission includes programs that promote resiliency and well-being of Hawai'i's families. This mission allows my research team and me to conduct research that improves the lives of older adults and their families here in Hawai'i. I am proud of the fact that my work with grandparents raising grandchildren and family caregivers provides an excellent example of how the land grant system allows for research that provides direct benefits to the community.



Koah Vierkoetter, Allyson Higa, and Lori Yancura displaying 'Ohana Caregiver Brochures after a presentation at the Hawaii Pacific Gerontological Conference.

Lori Yancura

Hometown: Fresno, CA

Joined CTAHR: Fall, 2004

Education History: BS, Economics, Fresno State University, 1988; Ph.D. Human Development, University of California at Davis, 2004.

Specialization: Health Psychology, Gerontology.

Current Work: Examining the influence of psychosocial factors (such as culture, coping, and family roles) on the health of older adults.

Selected Publications:

Yancura, L. (in press). Creating culturally sensitive brochures for grandparents raising grandchildren in Hawai'i. *Health Promotion Practice*.

Yee, B. W. K., Su, J., Kim, S. Y., & Yancura, L. (2008). Asian American and Pacific Islander families. In A. Alvarez & N. Tewari (Eds.), *Asian American Psychology: Current perspectives*. Mahwah, NJ: Lawrence Erlbaum and Associates.

Yancura, L., & Aldwin, C. M. (2008). Coping and health in older adults. *Current Psychiatry Reports*, 10, 10-15.



'Ohana Caregivers

College of Tropical Agriculture and Human Resources
University of Hawai'i at Mānoa

Our logo developed by Miles Hakoda of CTAHR's
Office of Communication Services.

The research calabash

By Doug Vincent
Special Program Director for Grants and Contracts

Please complete your USDA CRIS AD421 now!

A reminder that if you've not done so already the USDA CRIS AD 421 Annual Reports (progress) or Final (termination) reports need to be completed as soon as possible. **They were due by November 14, 2008.** This information is necessary for CTAHR to complete our annual report to USDA. If you **have a USDA grant**, including TSTAR or other USDA Special grants (your HAW project ends with "G", your annual accomplishment report will be due within 90 days of the anniversary date. If your grant is ending the final (termination) report is due 90 days of the termination date. You should receive notification from CSREES about these reports. Or you can view them at the [USDA CRIS entry point here](#). Information on how to complete the USDA CRIS AD 421 report [can be found here](#). Contact **Doug Vincent** at vincent@hawaii.edu if you have questions.

UH Office of Research Services Accounting Sections to be Relocated

The accounting section of the UH Office of Research Services is moving to BioMed T210 and the Manoa Market Place while Sakamaki **C-200** is retrofitted to address structural issues surrounding the overload of the current filing system along with the lack of functional space and filing space due to increased staffing. This should not affect other ORS operations. Grant intake will still be in Sakamaki **D-200**. See [notice](#) for more details.

UH Office of Research Services December Newsletter

See the December 2008 issue of the [UH Office of Research Services Newsletter](#) for information about a variety of changes implemented recently.

Important: Annual Reports Due for Environmental Health and Safety

Those of you working with biological commodities regulated by Hawaii Department of Agriculture and/or if you hold permits for biological commodities (e.g. recombinant DNA, regulated microorganisms) you need to complete your **2008 annual inventory report** for the period January 1, 2008 to December 31, 2008 by **January 12, 2009**. Contact Eleanor Low (lowelean@hawaii.edu) if you have questions. See the [EHSO web site](#) for more information.

CTAHR meets with USDA Homeland Security Director

CTAHR hosted **Dr. Sheryl Maddux**, Director of **USDA's Homeland Security Office** on Thursday, December 11, 2008. After serving over 20 years in the USDA Forest Service, Dr. Maddux was Branch Chief of Emergency Operations when the attack of September 11, 2001 occurred. Her experience in managing large scale fire fighting operations in the West was put to the test when she called on to coordinate logistical support for fire fighters and others in New York City immediately after the tragedy. Subsequently, her career path changed dramatically when she was called upon to develop a Homeland Security Office in USDA, to coordinate with the White House and all USDA Agencies with homeland security. **Dr. Wayne Nishijima**, CTAHR's Associate Dean/Associate Director for Cooperative Extension and Hawaii's [Extension Disaster Education Network \(EDEN\)](#) delegate organized the meeting. **Dr. Barry Brennan** (PEPS) briefed Dr. Maddux on the [Pacific Agrosecurity Program](#). **Dr. Mark Wright** (PEPS) explained the [Pacific Islands Distance Diagnostic and Recommendation System \(PIDDRS\)](#) and its unique importance to the Pacific in diagnostics. PIDDRS is part of the [Western Plant Diagnostic Network](#). **Anne Alvarez** (PEPS) and **Gernot Presting** (MBBE) discussed their joint work on rapid identification techniques of bacterial plant pathogens using DNA markers.

Interested in NSF Funding? Check if there is an institutional limit.

Recently the National Science Foundation visited Hawaii in early December and reminded us that there are many excellent opportunities for funding from the Foundation. However, there are some programs that the number of applications from any one institution may be limited. The NSF has a web site that lists [solicitations that limit the number of proposals an organization can submit](#). If the program you wish to apply for is restricted, then there is an internal competition among proposals from the University of Hawaii or the University of Hawaii at Manoa. The [UH Office of Research Relations](#) manages that internal competition. If you intend to submit a proposal to a program in which NSF or other agencies restrict

the number from an institution, a 3-5 page project description, a one page budget and copies of the project PI's must be submitted to the Office of Research Relations along with a [cover sheet](#). If you have questions about this process, contact **Dr. Hal McArthur** at 956-8128 or by email at hmcarthu@hawaii.edu.

Stakeholder Input Needed for 2010 Dietary Guidelines

Dietary Guidelines are jointly issued and updated every 5 years by the Departments of Agriculture and Health and Human Services. Public comments on the guidelines are being sought. Go to the [Dietary Guidelines for Americans](#) and click on "[Submit Comments](#)" button.

USDA to release RFA's in January 2009

We anticipate that USDA CSREES will release new Requests for Proposals for new programs in **January 2009**. Included among them will be the **Beginning Farmer and Rancher Development Program**, the **Specialty Crops Research Initiative**, and the **Agriculture and Food Research Initiative** (which replaces the National Research Initiative Competitive Grants Program). In addition, former Smith-Lever 3(d) formula funded programs, (e.g. Integrated Pest Management), are now competitive grants programs. See the [USDA CSREES Web site](#) for more information. If you are considering submitting proposals for these programs, we anticipate a 60 day open window for submissions. Start your planning now.

Need help with making that grant perfect? See CTAHR's Grant Coach.

The CTAHR Office of Research is offering **grant coaching support** for individuals or small groups who are currently writing grants that have indirect cost returns. We are using RTRF funds to pay for this pilot program; therefore, it is important that we invest in opportunities that result in a return to that investment. Indirect cost returns provides CTAHR, college units and PIs (that generate the RTRF) with additional, highly flexible funding that can be used to support and expand research programs. We hope that by increasing our success rates in obtaining competitive grants, we will have greater direct and indirect costs to support our research activities. So if you are currently writing grants (or you plan to write a proposal) and want help developing, polishing and

refining your proposal to meet an upcoming deadline, contact CTAHR grants coach, **Sharee Pepper** at 956-8140 or by e-mail at spepper@hawaii.edu.

Dates and Events – Mark Your Calendars Today

Second Saturdays at the Oahu Urban Garden Center

The Oahu Master Gardeners and UGC Ohana open the Oahu Urban Garden Center every Second Saturday of the month. From 9:00 am – 12:00 noon, the Urban Garden Center is open to learn about gardening, and plantings. On **Saturday, January 10, 2009** – come learn about culinary herbs. Chef Dale from the KCC Culinary Arts program and the Hale Koa hotel will be demonstrating how to cook with fresh herbs from our newly renovated Organic Herb Garden. Certified Master Gardeners will be on hand to answer home gardening questions. Seeds, mini-plants and fresh herbs will be on sale. See the [Oahu Urban Garden web site](#) for more information and directions to the UGC.

CTAHR Research Symposium – April 3, 4, 2009

Plan now to attend the CTAHR Student Research Symposium will be **Friday and Saturday, April 3-4, 2009** in the Agricultural Sciences Bldg. Information about the Symposium and dates for abstract submission will be out in the new year. But plan now for the big event.

CTAHR Awards Banquet – April 30, 2009

This year's big event, and I don't mean Barack Obama's inauguration, but rather our annual CTAHR Awards Banquet will be held on **Thursday, April 30, 2009** at the Hilton Hawaiian Village Coral Ballrooms. Stay tuned for more information as 2009 unfolds.

CTAHR's seed program

By Ray Uchida
Director, CTAHR Agriculture Diagnostics Service Center



CTAHR's seed program can be found seed list is at: <http://www.ctahr.hawaii.edu/seed/>

The CTAHR Seed Distribution Program (SDP) was founded to provide UH-developed seeds to growers, seed stores, and home gardeners in Hawaii and the tropical developing countries of the world. The SDP provides an otherwise unavailable source of seed for crops developed by the Department of Tropical Plant and Soil Science (formerly the Department of Horticulture). The SDP was started in 1960 and was expanded in 1969 with legislative funding of \$12,500. The Legislature also funded a staff position to make these tropically-adapted crop seeds more readily available. In recent years, CTAHR's general funds have also been used to help support this valuable program.

Early on, due to an increase in the public's knowledge of the Seed Program and a trend toward home gardening, coupled with the high cost of fresh vegetables, there was a significant increase in demand for CTAHR seeds. Thus, in 1975, the 8th State Legislature passed HB 680 to establish a revolving fund and appropriated \$35,000 to that fund. The bill also stipulated that any funds in excess of \$35,000 at the end of each fiscal year should be returned to the State General Fund. The ceiling has since been raised to \$60,000.

At present, seven hybrids, 16 vegetable varieties, one herb, and one fruit crop are carried under our program. All seeds are produced on CTAHR research stations. In the very near future, Supersweet #10, a hybrid corn, will become available by the Seed Program. Papaya and green onion seeds make up a large percentage of the revenues generated at the Program and sales of Supersweet # 10 will provide a great boost to our revenues. The Seed Program is also very fortunate to have a cadre of retirees, including a plant breeder, who volunteer to produce seeds at our Poamoho Station. Revenues generated by seed sales help support student assistants as well as paying for breeding materials and supplies.

In recent years, the Seed Program has provided funding to build three greenhouses at CTAHR's Hawaii Island Volcano Station for green onion seed production. We are now capable of a continuous supply of onion seeds for Hawaii growers. The Seed Program also contributes to the stations that support the our seed work. One of the future goals of the Seed Program is to generate enough revenue to begin to support a new plant breeder in CTAHR. Our current seed list is at: <http://www.ctahr.hawaii.edu/seed/>

More and more grant opportunities

By Doug Vincent
Special Program Director for Grants and Contracts

More and more grant opportunities are coming on-line. Dr. Sharee Pepper, CTAHR's Grant Coach has developed another great list of funding opportunities available for you. These funding opportunities are much like CTAHR faculty member – diverse is both mission and scope of expertise. It's difficult to track down funding opportunities for CTAHR because our faculty members do so many different things. A wide variety of funding agencies supports the kinds of work that we do – not just the Department of Agriculture. National Science Foundation, Environmental Protection Agency, Department of Health and Human Services, Department of Energy, NASA, NOAA, even the Department of Defense have in the past or are currently supporting activities of our faculty. And that's just federal agencies – an equally diverse number of Hawaii State agencies support our

work besides the Hawaii Department of Agriculture: Executive Office on Aging; Department of Health, Department of Land and Natural Resources, and the Department of Human Services all support CTAHR's faculty. While that's daunting for list makers like me – it's a credit to our faculty that so many funding agencies have confidence in CTAHR's ability to do quality research or training or other activities that we have this diverse portfolio of funding. So when you look at Dr. Pepper's monthly list – don't wonder why so many diverse funding opportunities are listed. Think about the fact that CTAHR does so many diverse and wonderful things – that we need funding from a wide variety of sources. And after that – think about what sort of funding agency might YOUR OWN program fits into and if you find a fit – give it a go. We're here to help you.

The following list includes some current funding opportunities that may be of interest to CTAHR faculty. If the deadline is too short for this year, it is still a good indication of the likely due date for next year. **Let us know if we can be of any assistance with developing and editing your grant application.**

For information on submitting grants electronically on grants.gov the following publication may be useful. **USDA, CSREES Grants.gov Application Guide – A guide for the preparation and submission of CSREES applications via grants.gov.**
http://www.csrees.usda.gov/funding/grant_forms/electronic_app_guide.pdf

Agricultural Grants

\$ - Hawaii Invasive Species Council RFP
Invasive Species Research and Technology Projects
Deadline: January 05, 2009
<http://www4.hawaii.gov/bidfiles/RFPHISC2009.pdf>

\$ - USDA, CSREES
Extension Integrated Pest Management Coordination and Support Program
Deadline: January 6, 2009
http://www.csrees.usda.gov/funding/rfas/pdfs/eipm_support_program_112008.pdf

\$ - USDA, CSREES - International Science and Education Competitive Grants Program
Deadline: January 16, 2009
<http://www.csrees.usda.gov/fo/educationinternationalscience.cfm>

\$ - USDA, CSREES - Assistive Technology Program for Farmers with Disabilities: State and Regional AgrAbility Projects
Deadline: January 30, 2009
http://www.csrees.usda.gov/funding/rfas/pdfs/agrability_12102008.pdf

\$ - USDA, CSREES – Plant Feedstock Genomics for Bioenergy: A Joint Research Solicitation - USDA, DOE
Deadline: February 18, 2009
<http://www.csrees.usda.gov/fo/plantfeedstock.cfm>

\$ -USDA, CSREES - Western Sustainable Agriculture Research and Education Program
Sustainable Agriculture Tours
Deadline: Open until funding is exhausted
http://wsare.usu.edu/grants/docs/RFA_SAT.pdf

Education Grants

\$ - National Marine Fisheries Service (NMFS)-Sea Grant Joint Graduate Fellowship Programs in Population Dynamics and Marine Resource Economics.

Deadline: January 20, 2009

<http://www.gdnet.ucla.edu/asis/grapes/detail.asp?recordno=394>

\$ - USDA, CSREES - Higher Education Challenge Grants

Deadline: January 30, 2009

<http://www.csrees.usda.gov/fo/educationchallengehigheredhep.cfm>

\$ - National Education Association (NEA) Foundation - [Foundation Supports Professional Development for Educators](#)

Deadline: February 1 & June 6

http://www.neafoundation.org/programs/Learning&Leadership_Guidelines.htm
[Link to Funder Profile](#)

\$- UH Sea Grant, Dean John A Knauss Marine Policy Fellowship

Deadline: Friday, February 20, 2009

<http://soest.hawaii.edu/SEAGRANT/education/fellowship.html>

\$ - NSF - Integrative Graduate Education and Research Traineeship Program (IGERT)

Deadline: Preliminary Proposal: March 13, 2009

Full Proposal Deadline Date : September 14, 2009 (BY INVITATION ONLY)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=12759

\$ - Human Frontier Science Program Short Term Fellowship Program

Deadline: rolling – applications accepted year round

http://www.hfsp.org/how/appl_forms_STF.php

Environment, Water, Energy, Invasive Species Grants

\$ - Hawaii Invasive Species Council RFP - Invasive Species Research and Technology Projects

Deadline: January 05, 2009

<http://www4.hawaii.gov/bidfiles/RFPHISC2009.pdf>

\$ - Strategic Environmental Research and Development Program (SERDP)

Non-Federal Broad Agency Announcement (Core) - Pre-proposals are due no later than Thursday, January 8, 2009

Non-Federal Broad Agency Announcement (SEED) – Proposals are due no later than Thursday, March 12, 2009.

<http://www.serdp.org:80/funding/>

\$- NSF – Long Term Research in Environmental Biology (LTREB)

Deadlines: January 09 and July 9 Annually

<http://nsf.gov/pubs/2007/nsf07588/nsf07588.htm>

\$ - [Department of Interior: Water for America: Water Marketing and Efficiency Grants for Fiscal Year 2009](#)

Deadline: January 14, 2009

<http://www07.grants.gov/search/search.do?&mode=VIEW&flag2006=false&oppld=43136>

\$ - NSF - Environmental Sustainability

Deadline: March 2, 2009 & September 15, 2009 (5:00 pm submitter's local time)

URL: http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501027

\$ - NSF - Energy for Sustainability

Deadline: March 2, 2009 & September 15, 2009 (5:00 pm submitter's local time)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501026

\$ - NSF - Biotechnology, Biochemical, and Biomass Engineering (BBBE)

Deadline: March 2, 2009 & September 15, 2009 (5:00 pm submitter's local time)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501024

\$ - NSF - Environmental Implications of Emerging Technologies

Deadline: March 2, 2009 & September 15, 2009 (5:00 pm submitter's local time)

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501030

\$ - National Forest Foundation: Community Assistance Program

Local Forest Partnerships Fund

Deadline: proposals accepted on a rolling basis throughout year

http://www.natlforests.org/consp_05_cap.html

Families, Youth and Children Grants

\$ - [General Mills Champions for Healthy Kids](#)

Deadline: January 15, 2009.

<http://www.generalmills.com/corporate/commitment/champions.aspx>

\$ - Robert Wood Johnson Foundation - Proposals for its Healthy Kids, Healthy Communities grants.

Short proposals are due: February 3, 2009

Invited full proposals are due: May 14, 2009

(RWJF will be holding applicant conference calls on **December 17, 2008 and January 8, 14, and 22, 2009.**

See the following link for more details: <http://www.healthykidshealthycommunities.org/index.html>

http://www.rwjf.org/files/applications/cfp/cfp_HKHC2008.pdf

\$ - HHS, Administration for Native Americans - Family Preservation-Improving the Well-Being of Children Project Implementation

Deadline: March 25, 2009

<http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-ANA-NI-0059.html>

\$ - HHS, Administration for Native Americans - Family Preservation - Improving the Well-Being of Children Project Planning

Deadline: March 25, 2009

<http://www.acf.hhs.gov/grants/open/HHS-2009-ACF-ANA-NI-0049.html>

\$ - CHS Foundation

Rural Youth and Leadership Development

Deadline: rolling – applications accepted year round

<http://www.chsfoundation.org/programs/ryld.htm>

Financial Grants

\$ - HHS, Administration for Children and Families Assets for Independence Demonstration Grants

Deadlines: January 15, 2009, March 25, 2009

<http://www.acf.hhs.gov/grants/open/HHS-2008-ACF-OCS-EI-0053.html>

\$ - FINRA Investor Education Foundation General Grant Program

Deadline: February 4, 2009 & May 6, 2009

<http://www.finrafoundation.org/grants.asp>

Money Management International Financial Education Foundation

Financial Education Grants

Deadline: rolling – applications accepted year round

<http://www.mmifoundation.org/GrantSeekers.asp>

Health, Nutrition, Food, Biomedical Grants

\$ - [Allen Foundation](#) - Support for Nutritional Programs

Deadline: December 31, 2008

<https://www.allenfoundation.org/>

\$ - PHS 2008-02 Omnibus Solicitation of the NIH, CDC, and FDA for Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])

Deadline: January 7, 2008

<http://grants.nih.gov/grants/guide/pa-files/PA-08-050.html>

\$ - HHS, National Institutes of Health (NIH) Improving Diet and Physical Activity Assessment (RO1)

Letters of Intent Due: January 16, 2009 (optional)

Proposal Deadline: February 16, 2009

<http://grants.nih.gov/grants/guide/pa-files/PAR-07-259.html>

\$ - HHS, NIH - Improving Diet and Physical Activity Assessment (R21)

Letters of Intent Due: January 16, 2009 (optional)

Proposal Deadline: February 16 & May 7, 2009

<http://grants.nih.gov/grants/guide/pa-files/PAR-07-259.html>

<http://www07.grants.gov/search/search.do;jsessionid=LHSflHFSL4pBXG0Dtb7PpzkdDBMHJSl6vhyGyQ1tpTnGcSJ2WfZD!488375993?oppld=8282&flag2006=true&mode=VIEW>

\$ - NIH -Pilot and Feasibility Clinical Research Studies In Digestive Diseases And Nutrition

Deadline: May 7, 2009

<http://www07.grants.gov/search/search.do;jsessionid=LHSflHFSL4pBXG0Dtb7PpzkdDBMHJSl6vhyGyQ1tpTnGcSJ2WfZD!488375993?oppld=8805&flag2006=true&mode=VIEW>

\$ - NIH - Exploratory/Developmental Clinical Research Grants in Obesity (R21)

Deadline: May 7, 2009

<http://www07.grants.gov/search/search.do;jsessionid=LHSflHFSL4pBXG0Dtb7PpzkdDBMHJSl6vhyGyQ1tpTnGcSJ2WfZD!488375993?oppld=8575&flag2006=true&mode=VIEW>

\$ - NIH – Improving Diet and Physical Activity Assessment (R21)

Deadline: May 7, 2009

<http://grants.nih.gov/grants/guide/pa-files/PAR-06-103.html>

Humanities Grants

\$ - [Hitachi Foundation: Business and Communities](#)

[Grants Program](#) - Grants Address Economically Isolated Communities

Interested organizations may submit an online inquiry to provide information about project ideas **at any time** and the Foundation's will determine if it fits their priorities.

<http://www.hitachifoundation.org/grants/guidelines/index.html>.

Rural and Community Development Grants

\$ - USDA, Rural Development
Community Facilities Loan and Grant Program
Deadline: Applications accepted on an ongoing basis
<http://www.rurdev.usda.gov/rhs/cf/cp.htm>http://www.rurdev.usda.gov/rhs/cf/brief_cp_grant.htm

\$-Farm Foundation Grants
Deadline: Applications accepted on an ongoing basis
http://www.farmfoundation.org/news/templates/comm_template.aspx?articleid=357&zoneid=67

Science Grants

\$ - NSF - Industry/University Cooperative Research Centers Program
Deadline: January 2 2009 (Letter of Intent)
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08591

\$ - NIH, CDC, & FDA
PHS 2008-02 Omnibus Solicitation of the NIH for Small Business Technology Transfer Grant Applications (Parent STTR [R41/R42]) & Small Business Innovation Research Grant Applications (Parent SBIR [R43/R44])
Deadline: January 7, 2009
<http://www07.grants.gov/search/search.do;jsessionid=LHSfIHFSL4pBXG0Dtb7PpzkdDBMHJSI6vhyGyQ1tpTnGcSJ2WfZD!488375993?oppld=16619&flag2006=true&mode=VIEW>

\$ - DOD, Office of Naval Research (ONR) - Young Investigator Award
Deadline: January 12, 2009
<http://www.onr.navy.mil/02/baa/docs/09-005.pdf>

\$ - [Future Fisherman Foundation: Physh Ed Grants National Fishing and Boating Education Grants Initiative](#) - Funds for K-12 Curriculum Development
Deadline: January 19, 2009.
http://www.futurefisherman.org/programs/physh_ed/grants.html

\$ - NSF - Science, Technology, and Society
Deadline: February 1, 2009
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf08553

\$ - [National Fish and Wildlife Foundation: Five-Star Restoration Matching Grants Program](#)
Deadline: February 16, 2009; an online webinar for potential applicants will be offered on December 5, 2008.
http://www.nfwf.org/AM/Template.cfm?Section=Browse_All_Programs&Template=/TaggedPage/TaggedPageDisplay.cfm&TPLID=30&ContentID=10890

\$ - National Geographic Society – Waitt Grants Program
Deadline: Rolling
<http://www.nationalgeographic.com/field/grants-programs/waitt-grants-application.html>

UH, Hawaii and Regional Grants

\$ - [National Park Service: Tribal Preservation Program](#)
Deadline: January 30, 2009.
<http://www.nps.gov/history/hps/HPG/Tribal/index.htm>

\$ - UH - \$1 Million Sustainability Research Grant
Deadline: March 1, 2009
<http://www.hawaii.edu/cgi-bin/uhnews?20081208144214>

\$ - UH, University Research Council - Faculty Travel Funds
Proposal Deadline: rolling – applications must be in >4 weeks before travel.
http://www.hawaii.edu/urc/pdf/factravel_g.pdf
http://www.hawaii.edu/urc/pdf/factravel_f.pdf

Other

\$ - [Tourism Cares](#) - Preservation Programs Supported Worldwide
The first of three letters of inquiry deadlines for 2009 is January 30.
http://www.tourismcares.org/RelId/606053/ISvars/default/Worldwide_Grant_Program.htm