

CTAHR RESEARCH NEWS

July-August 2007
Volume 3, Issue 6

**Developing
young minds**

**New faculty
help CTAHR's
family grow**

**Fire damages
Poamoho
Experiment
Station**



Dana Gorecki, left, and Barbara DeBaryshe, back, join two pre-school readers in the loft at Palolo Head Start.



C.Y. Hu
Associate Dean and Associate
Director for Research

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From the Associate Dean and Associate Director for Research

It is hard to believe another summer has come and gone! I hope you all had a restful and enjoyable summer with your family and friends. As we embark on a new academic year, we have some good news to share and some new faces to introduce in this issue.

Although some people are still addressing us as the College of Tropical Agriculture, CTAHR indeed has strong programs in the Human Resources, both in the Department of Family and Consumer Sciences and Center on the Family. We proudly introduce a successful program developed by **Dr. Barbara DeBaryshe** and her colleagues from the Center of the Family (see also July-August issue, 2006). In addition to obtaining grants and publishing research papers, Barbara and her team perform an important service to Hawaii's preschool education. Barbara's story shares a similar pattern of other successful programs conducted by CTAHR faculty: identify an issue, engage stakeholders for input, build a collaborative team, and use a multidisciplinary and integrated approach to find solutions. Dr. DeBaryshe has brought in more than \$1.7 million in grants over the past two years, and published three refereed papers and two book chapters. We are very proud to have Dr. DeBaryshe as a member of the CTAHR faculty!

Engaging our industry stakeholders to identify critical areas to shape our programs is part of the implementation plan of our recent Strategic Plan. Bioenergy crops, organic agriculture, beef, and tropical fruits are the first industries selected. **Goro Uehara** is leading our effort in the bioenergy initiative, and is hiring two new faculty to embark on this new endeavor. **Glen Fukumoto** is leading the strategic planning for beef industry, **Mike Nagao** is in charge of the tropical

fruits, and **Ted Radovich** is leading the effort for the organic agriculture analysis. Ted and his team have done an excellent job organizing a series of producer meetings on five islands. His team prepared an update for this month's *CRN*. We will update you on the progress of beef, and tropical fruits in future issues.

Lack of rain this year has produced more fuel for brush fires that frequent our islands. Unfortunately, the Poamoho Experiment Station, first opened September 1, 1937, fell victim to one of the wildfires last week. **Thomas Lim** and **Ray Uchida** are assessing the damage. Thanks to Thomas Lim, our volunteer photographer, for providing us some witness photos. **Dean Hashimoto** is working with the administrative team to find funds for the repairs at Poamoho.

We also include photos and biographical information of some of CTAHR's newest faculty members. If we've missed you, do not despair, we'll feature you next month. Once again, **Doug Vincent** has prepared a plethora of information in his calabash and grant opportunities. Now that the summer vacation is over, please remember to send us your publications and other items you deem worthy of printing. We have just launched our CTAHR eXchange website this week, an idea picked up from one of listening sessions. Doug will be our host and we hope to engage you in one of the forums. As an example, the notes from the August 24 listening session are available on the CTAHR eXchange - check it out and tell us what you think.

We also note with great sadness the passing of **Dr. Stephen Saul** of PEPS.

As always, my door and email box are open - please communicate your thoughts. Welcome back!!

CY Hu

Improving learning outcomes for Head Start children in Hawai'i

By Barbara DeBaryshe, Ph. D.
Specialist
Center on the Family



DeBaryshe project team (l-r): Dana Gorecki (Illinois), Cherie Lee (Honolulu), Lori Mishima-Young (Honolulu), Melanie Ho (Honolulu), Melissa Fujimoto (Honolulu), Naomi Kahikina (Honolulu), and Barbara DeBaryshe (Massachusetts).

The Center on the Family and the Department of Family and Consumer Science both share the goal of promoting healthy personal development and family functioning across the lifespan, thereby addressing the human resource aspects of the College's mission. Our team contributes to this larger effort by working to improve the quality of preschool classrooms in Hawai'i through our Learning Connections curriculum and Early Reading First projects. By giving children a rich early educational experience, we help set the stage for success in elementary school and beyond.

Nationally, 54% of children attend preschool; in Hawai'i this figure is 61%. A high quality preschool experience helps children gain the skills and attitudes that contribute to later academic success. This foundation includes social skills (getting along with peers), emotional health (curiosity, forming trusting relationships with adults), and cognitive assets (verbal fluency). Preschool can be especially beneficial for



Providing classrooms with multilingual books helps children acquire literacy in English and their home language.



Songs with movement reinforce oral language skills.

at-risk children: those who live in poverty, who are homeless, or whose home lives are affected by violence or substance abuse. A strong curriculum delivered by skilled teachers can help narrow the academic achievement gap between low-income and middle-class children and reduce disparities associated with ethnicity and English language status.

Unfortunately, too many early childhood programs fail to meet the standards of excellence that all children deserve. The most recent national evaluation data indicate that only 14% of state-funded preschool classrooms achieve high scores for safety, socio-emotional support and academics, providing the high level of quality that can narrow the achievement gap between middle-class and at-risk children. On the other extreme, 19% of public preschool classrooms are so unstimulating and/or chaotic, that children cannot learn. Most classrooms fall in the mid-range: they are safe and do at least reasonably well in terms of emotional

“In comparison to my [older] son’s preschool, Learning Connections is much more educational and beneficial for my daughter. I know it has provided a great foundation for her to begin with when she gets to kindergarten.”

(Parent)

climate, but they do not provide a rich curriculum that supports cognitive development and the love of learning.

Currently, our team includes **Dana Gorecki, Lori Mishima-Young, Melanie Ho, Naomi Kahikina, Cherie Lee, and Melissa Fujimoto** and myself. Our earlier work focused on designing and testing a new preschool curriculum. More recently, we

have expanded our efforts to also include a focus on improving current methods for delivering professional development to early childhood educators. Our main community partner has been the Honolulu Community Action Program's O'ahu Head Start, which serves over 1,800 low-income preschoolers across O'ahu. We have also been privileged to work with Maui Economic Opportunity, Inc.'s Maui Head Start, the P-20 Council, and Hawai'i Department of Education principals and kindergarten teachers.

- Learning occurs in the context of fun, engaging activities suitable for children's attention spans and developmental skills;
- Teachers work with small groups or one-on-one so that each child gets adequate attention;
- Activities can be modified to suit each child's unique needs;
- Parents are involved in children's learning by doing weekly home activities that build on concepts introduced in school; and



Teacher Caprice Souza helps a young learner explore patterning using geometric stamps.

Back in 2000, we saw an unmet need for scientifically-validated early childhood curricula. Teachers were also saying they wanted curricula with a local flavor. Joined by Catherine Sophian from the UH psychology department, we planned a pilot curriculum that has evolved over time into the current Learning Connections curriculum package. Learning Connections is distinguished by the following characteristics:

- It is an enrichment curriculum focusing on language development, emergent literacy and emergent math that can be used to enhance the base curriculum in classrooms serving three- to five-year-old children;
- All learning goals and teaching techniques are based on research on early learning and development;

***“My staff have become and will continue to be more effective teachers. They have embraced this new knowledge and become active participant teachers.”
(Head Start supervisor)***

- Activities and materials are responsive to the diverse backgrounds of Hawaii's multiethnic and multilingual keiki.

With funding from the national Head Start Bureau, we conducted two randomized controlled trials of the curriculum. For one school year, we compared Learning Connections with a teacher-designed curriculum that was based on the Head Start learning standards. In a second year, we compared Learning Connections with the widely-used Creative Curriculum.

The key finding was that the Learning Connections curriculum works. Children participated in the Learning Connections curriculum showed larger gains over the school year on literacy and math skills than children in the comparison classrooms. These differences were greatest for phonological awareness, alphabet knowledge, and emergent math (effect sizes ranged from .4 to .7 standard deviations). Learning Connections was especially effective for children with limited English language skills and for children whose parents were highly involved in their learning at home. Parents and teachers reported being surprised by how responsive children were to the new curriculum; as a



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Specialist / Center on the Family

Hometown: Lincoln, MA
Joined CTAHR: July, 1994
Educational History: Ph.D. in developmental psychology 1987, SUNY Stony Brook; MA in psychology 1985, SUNY Stony Brook; BA in English Literature with honors 1981, Swarthmore College.
Specialization: Child development
Current work: Preschool curriculum, teacher professional development, resiliency in Asian American/Pacific Islander families living in poverty
Languages spoken: English

result, adults raised their expectations of preschoolers' learning capabilities.

We also learned some harder lessons during those early years. Effecting change in classrooms is a difficult undertaking and it takes time. Preschool staff vary widely in terms of their training and educational credentials, and many teachers were daunted by what we were asking them to do. We had a promising curriculum, but we found that the strengths and qualities of the teacher who delivers the curriculum is at least – if not more – important than the curriculum itself.

Naomi Kahikini and teachers discuss strategies for reading aloud.



Teacher professional development which is the focus of our current work, is funded by an Early Reading First grant. Learning Connections is still our curriculum of choice, but we have added a system of supports that increase teachers' instructional knowledge and skills. Our professional development package has three components: in-service workshops, in-class coaching, and college coursework. These components are designed to form a seamless whole. Quarterly in-service workshops provide information on language, literacy and math development, classroom design, and the Learning Connections curriculum. However, the real consolidation and mastery of this new information happens when teachers apply this knowledge in their classrooms over a period of time. A literacy coach spends several days per month with each classroom, observing teachers, giving on-the-spot-feedback, and modeling teaching strategies as needed. Coaches and teachers meet outside of class time to plan curriculum, monitor children's progress, and develop action plans for improving the classroom. Finally, we offer college courses (only for our teachers, their coaches and their Head Start supervisors) that provide more in-depth academic content.

In the Early Reading First project we work with the same classrooms for three consecutive years, allowing for real change and growth to occur. We have documented large positive changes in the both the quality of the physical classroom and the quality of teacher-student interaction. Although we no longer have a control group, children are tested at the start and end of each school year, and we have seen significant gains in all areas of language, literacy and math. Parents and teachers report that the children are highly motivated by the Learning Connections curriculum and are struck by how excited the children are about what they are learning.

What we've seen over the past few years is the potential for positive and widespread change in the



Dana M. Gorecki
Early Childhood Project Administrator /
Center on the Family

Birthplace: Palos Park, Illinois
Joined CTAHR: January 27, 2002
Education: M.Ed. specialization
Literacy, Chaminade University,
1998; BS. in ECE with a Montessori
emphasis, Chaminade University,
1996

Current Research: Emergent
math and literacy curriculum for
preschool age children. Effective
professional development for
preschool teachers.

Languages spoken: English

quality of early childhood classrooms. Our work could serve as a model in two ways. First, validated curricula like Learning Connections can improve children's outcomes. Directors of early childhood programs need to understand the value of using a proven curriculum. Second, our coaching-based approach is more effective than prevailing methods of in-service professional development, which often takes the form of unconnected, one-time workshops that do not provide sufficient practice or follow-up. Our professional development package could serve as a prototype for both individual preschool programs and systems-level initiatives to improve teacher quality.

Our work has allowed us to reach dozens of teachers and over 600 children and their families. Parents became more aware of their children's learning needs, children entered kindergarten ready to succeed, and teachers acquired skills they will use for many years to come. Our young keiki are a precious resource and we are grateful for the opportunity to help them in the early steps of their educational journey.

CTAHR welcomes new faculty!

We welcome our new colleagues to the CTAHR 'Ohana. As part of the Hawaiian culture, 'ohana means family but in an extended sense that includes non blood-related family. Some of them have been here awhile but we want to recognize these new and not-so-new faces in our College. One, Alan Titchenal of HNFAS, has been around for quite some time but in one sense, he is "new." After serving for many years as a lecturer and instructor on limited term contracts, Alan was recently appointed as a new Assistant Professor and is now a probationary, tenure-track faculty.

As evident by their backgrounds, our new colleagues come from across the country and across the globe. We are grateful that they've joined us and are excited about the contributions that these bright, eager, new faculty will make to the missions of CTAHR. We may have missed a few of the new folks in this issue of *CRN*, so we'll try to capture the missing ones in the next edition. *Welcome to all!*



Jon-Paul "J.P." Bingham

Assistant Professor / MBBE/Manoa

Hometown: Gold Coast, Queensland, Australia

Joined CTAHR: February 1, 2007

Educational History: B.Sc., 1991, Biochemistry, Physiology, Griffith University, Queensland, Australia, B.Sc. (Hons.), 1992, Clinical Chemistry, Toxicology, Toxinology, Griffith, University Queensland, Australia; Ph.D., 1998, Peptide Synthesis and Proteomics, University of Queensland, Australia

Specialization: Solid-Phase Peptide Synthesis, Peptide Bio-engineering, Proteomics/Mass Spectrometry, Protein Chemistry, Toxinology, Toxicology, Pharmacology: Bilayer, Whole Cell Clamp and Competitive Binding Assays, Cellular Imaging, Marine Natural Products

Current Work: Bioengineering of small peptides for research and clinical applications: discovery of peptide pesticides (insecticides and molluscicides); proteomics of cone shell venoms; drug lead development from cone shell venoms; synthesis structure activity relationship of peptide toxins

Languages Spoken: Australian



Alberto Bressan

Assistant Professor / PEPS/Manoa

Hometown: Verona, Italy

Joined CTAHR: August 1, 2007

Educational History: B.S. 1994, Agronomy, Technical Institute of Agriculture, ITAS A. Trentin, Lonigo-Vicenza, Italy; M.S. 2000, Insect Vectors of phytoplasmas associated with Grapevine Yellows Diseases, University of Padova, Italy; Ph.D. 2005, Influence of Phytoplasma-Insect Vectors-Host Plant Interactions on the Epidemiology of Flavescence Dorée Disease. University of Padova, Italy and INRA, Dijon, France.

Specialization: Insect vectors of plant pathogens, insect-microbe interaction

Current Work: Insect-plant pathogen interactions; Ecology and management of plant pathogens vectored by arthropods; insect endosymbionts.

Languages Spoken: Italian, French, and English



James Brosnan

Assistant Specialist / TPSS/Manoa

Hometown: Leicester, MA

Joined CTAHR: August 1, 2007

Educational History: B.S. (2002), Turfgrass Science, The Pennsylvania State University, University Park, PA; M.S. (2004), Plant, Soil and Insect Science, University of Massachusetts, Amherst, MA; Ph.D. (2007), Agronomy, The Pennsylvania State University, University Park, PA

Specialization: Turfgrass management

Current Work: Planning, coordination, delivery and integration of statewide educational and extension programs for the Hawaii Turfgrass Industry; research on effective cultural practices for golf courses and athletic field turf in Hawaii.

Languages Spoken: English



Greg Bruland

Assistant Professor / NREM/Manoa

Hometown: Santa Cruz, CA

Joined CTAHR: January 1, 2006

Educational History: B.S., 1997. Environmental Chemistry, Principia College, Elsah, IL; Ph.D., 2004. Environmental Science, Duke University, Durham, NC.

Specialization: Soil and water conservation, watershed management, coastal and wetland ecology and management.

Current Work: Assessment of the ecology of coastal lowland wetlands in Hawaii; Effects of feral pigs on erosion and water quality in the Manoa watershed; Innovative methods for erosion control on two Waimanalo streams; Use of diffuse reflectance spectroscopy for rapid assessment of soil properties.

Languages spoken: English



Christopher A. Lepczyk

Assistant Professor / NREM/Manoa

Hometown: East Lansing, MI and Traverse City, MI

Joined CTAHR: August 1, 2007

Educational History: BS, 1993, Biology and Geology, Hope College, Holland, MI; MS, 1996, Wildlife Ecology, University of Wisconsin, Madison, WI; Ph.D., 2002, Fisheries & Wildlife and Ecology, Evolution and Behavior, Michigan State University, East Lansing, MI

Specialization: Wildlife ecology, Ornithology, Landscape ecology, Human Dimensions of Wildlife, Conservation biology, Land Use Issues

Current Work: Importance of urban parks for migratory birds; Effects of housing growth on bird communities in Northeast U.S.; Understanding landowner attitudes towards wildlife conservation; Landscape change and its impact on wildlife and natural resources.

Languages spoken: English



Creighton Litton

Assistant Professor / NREM/Manoa

Hometown: Buchanan, VA

Joined CTAHR: August 1, 2007

Educational History: B.A., 1991, Environmental Studies, Emory and Henry College, Emery, VA; M.S., 1994, Forest Resources, North Carolina State University, Raleigh, NC; Ph.D., 2002, Botany, University of Wyoming, Laramie, WY

Specialization: Forest ecosystem ecology and biogeochemistry; global change biology; invasive species ecology; disturbance ecology; and restoration ecology.

Current Work: Effects of a nonnative invasive grass on carbon cycling in Hawaiian tropical dry forest; Changes in water source and availability following nonnative grass invasion in Hawaiian tropical dry forest; Interactions between invasive species and wildfire in Hawaiian tropical rainforests: Impacts on above ground carbon pools, fuel loads, and fire regimes; Nonnative pine invasion into endemic beech forests of south-central Chile: Impacts on vegetation, soils and hydrology.

Languages spoken: English and Spanish.



Ji-Yeon Kim

Assistant Specialist / COF/Manoa

Hometown: Seoul, Korea

Joined CTAHR: June 15, 2007

Educational History: B.A. 1994, Journalism and Broadcasting, Ewha Women's University, Seoul, Korea; B.S. 1996, Child and Family Studies, Yonsei University, Seoul, Korea; M.S. 1999, Child and Family Studies, University of Wisconsin at Madison, WI; Ph.D., 2005, Human Development and Family Studies, The Pennsylvania State University at University Park, PA

Specialization: Family systems, changes in youth well-being and adjustment over time, gender development, cultural differences, and research methods

Current Work: Within- and between-individual and family differences; gendered interests and personality development; cultural orientation, daily activities and youth adjustment; integrated model of family processes; prevention interventions

Languages Spoken: Korean and English



Tom Mason

Assistant County Agent / FCS/Maui

Hometown: Center, PA

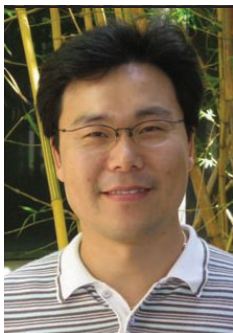
Joined CTAHR: April 2, 2007

Educational History: B.S. 1994, Psychology, Washington and Lee University, Lexington, VA
M.A., 2002, Science Education, University of Colorado, Boulder, CO

Specialization: Youth development, Environmental education, Team building, group facilitation

Current Work: 4-H youth development for Maui County

Languages Spoken: English and Spanish



Hosik Min

Assistant Specialist / COF/Manoa

Hometown: Seoul, Korea

Joined CTAHR: January 8, 2007

Educational History: B.A., 1993, Sociology, Korea University, Seoul, Korea; M.A., 1998, Sociology, Korea University, Seoul, Korea; Ph.D. 2006, Sociology, Texas A&M University, College Station, TX

Specialization: Population projection, fertility, mortality, human ecology and quantitative methods.

Current Work: Social indicators research and community population projection

Languages Spoken: Korean and English



Gernot Presting

Assistant Professor / MBBE/Manoa

Hometown: Honolulu, HI

Joined CTAHR: January 1, 2004

Educational History: B.S., 1984. Entomology and Plant Pathology, University of Delaware, Newark, DE
Ph.D., 1991. Plant Pathology, University of Wisconsin, Madison, WI

Specialization: Genomics, Bioinformatics, Genetics, Cell Biology, Plant Pathology, Genome Sequencing and Analysis

Current Work: Corn centromeres; Papaya genome analysis; Comparative genomics; DNA barcoding for identification of plant pathogenic bacteria, Invasive plants and photosynthetic organisms (algae) in environmental samples.

Languages Spoken: English and German



Andy Reilly

Assistant Professor / FCS/Manoa

Hometown: Port St. Lucie, FL

Joined CTAHR: August 1, 2007

Educational History: B.A. 1995, English and History, Florida State University, Tallahassee, FL; M.S. 2000, Clothing and Textiles, Florida State University, Tallahassee, FL.; Ph.D. 2004, Clothing and Textiles, The Ohio State University, Columbus, OH

Specialization: Social and cultural aspects of appearance

Current Work: Writing a book on the social and psychological aspects of menswear.

Languages Spoken: English



Becky Settlage

Assistant Extension Agent
FCS/Hawaii County

Hometown: Originally from southern California, but recently moved from southwest Idaho.
Joined CTAHR: January, 2, 2007
Educational History: B.S., 2002, Agricultural Sciences & Technology, University of Idaho
M.S., 2004, Agricultural Education, University of Idaho
Specialization: 4-H Youth Development and Livestock
Current Work: 4-H Youth Development and Livestock Program through 1) Expanding 4-H youth development programs to reach new audiences; 2) Strengthening families and community through positive youth development programs and 3) developing leadership in 4-H members and adult volunteers
Languages Spoken: English



C. Alan Titchenal

Assistant Professor
HNFAS/Manoa

Hometown: San Jose, CA
Joined CTAHR: January 1, 1991
Educational History: B.A., 1969. Art, University of Hawaii at Manoa
M.S., 1980. Nutrition, University of California, Davis, CA
Ph.D., 1986. Nutrition, University of California, Davis, CA
Specialization: Nutrition for Human Performance, Health Science Journalism
Current Work: Effects of energy balance monitoring on maintenance of weight loss in humans; Nutritional and health science journalism.
Languages Spoken: English



Pat A. Tschida

Assistant Specialist/EFNEP Coordinator
HNFAS/Manoa

Hometown: Saint Paul, MN
Joined CTAHR: June 23, 2006
Educational History: BA, 1981, Biology, College of St. Catherine, St. Paul, MN
MPH, 1986, Environmental Health, University of Minnesota
DrPH, 2005, International Health and Human Nutrition, Johns Hopkins University, Baltimore, MD
Specialization: International Health and Human Nutrition; Community-based public health interventions; maternal and child health; Basic nutrition and food safety; infant nutrition and development.
Current Work: State Coordinator, Expanded Food and Nutrition Education Program (EFNEP); Adult and youth programs; instructor in international nutrition and nutritional epidemiology; advisor to nutritional sciences and public health graduate programs; Principal Investigator for multi-state integrated research on EFNEP effectiveness (NIMSS NCDC 211).
Languages Spoken: English and Kiswahili



Sarah C. W. Yuan

Assistant Specialist
COF/Manoa

Hometown: Hong Kong
Joined CTAHR: January, 2006
Educational History: M.Sc., 1991, Applied Social Research, University of Stirling, United Kingdom
M.A., 1998, Sociology, University of Hawaii at Manoa
Ph.D., 2006, Sociology, University of Hawaii at Manoa
Specialization: Demography of aging, long-term care for the elderly, survey methods and statistics
Current Work: Social indicators research and intergenerational relationships
Languages Spoken: English, Mandarin and Cantonese

The research calabash

By Doug Vincent
Special Program Director for Grants and Contracts

Update on Congressional Earmarks

Congress is in recess so there is nothing new about our Congressional earmarks. The House passed the Agriculture Appropriations Bill on Thursday, August 3, 2007, after approval of the Appropriations committee markup on July 27, 2007. The Senate Appropriations Committee likewise approved the "markup" on July 27, 2007 but has yet to take up the Senate Agriculture Appropriations Bill. The House has passed 12 out of 12 appropriations bills, the Senate 1 out of 12. Agriculture was the second to last of the House bills passed so we don't know when the Senate will take up the Agriculture Bill. After the Senate passes its bill, then a conference committee has to be convened and the final bill passed before it is sent to the President for signature. There have also been threats of vetoes for some of the spending bills. Bottom line is that it is unlikely that the budgets will be passed before the end of the current fiscal year on September 30, 2007. As for our earmarks, on the House side -- our TSTAR was "marked" as \$9.548 Million (level funding from previous years). Federal Floriculture was at \$348K; Agricultural Diversification at \$219K. ADAP was marked at \$481K. Many of our USDA ARS earmarks were also in the House bill. Things were not as good on the Senate side. TSTAR was only marked at \$800K, Floriculture at \$300K and Agricultural Diversification was left out. ADAP was marked in the Senate at \$500K and most of the earmarks from USDA ARS were included (Minor Crops, Fruit Fly, Termite, Pineapple, Papaya). We're slightly more optimistic than previously but we won't really know until it is over. It's like being on hurricane watch; we won't really know the impact until it passes.

USDA CRIS AD-421 Annual Progress Reports Due for Grant Recipients

Those of you with USDA CSREES grants that started after 10/01/2004, CRIS AD-421 annual progress reports are due within 90 days of the anniversary date of the start of the proposal. Many of you have received notice from USDA CSREES reminding you to complete these reports. For instructions on

how to complete these reports go here: http://www.ctahr.hawaii.edu/vincent/AD_421_Instructions_FY_2007final.pdf. Please take the time now to complete these important annual accomplishment reports.

Funding for many projects is ending soon

The funding for many federally funded projects is ending soon – mid September. Check with your Departmental fiscal officer or Department Secretary to determine when your accounts end and make sure that your purchases are made so that the items arrive before the funding for the account ends. The end of the Federal Fiscal year is a busy time for our College fiscal office and we need to ensure that we don't return funds back to the treasury. It is, however, bad form to purchase big ticket items the last quarter of a three year project. If you didn't need the equipment or computer the first 2 ½ years of a project, why do you need it now? Think carefully about what you purchase as you close out these accounts.

Western Region USDA CSREES Grantwriting Workshop – October 2-3, 2007

USDA CSREES, the Western Association of Agricultural Experiment Station Directors, the University of Wyoming Agricultural Experiment Station and Cooperative Extension Service and the Colorado State University are hosting a two day grant writing workshop in Denver, CO on October 2-3, 2007. For more information, go to this web site: <http://www.colostate.edu/Depts/AES/csrees/>. The CTAHR Office of Research will cost share up to 50% of travel and registration costs for junior faculty, on tenure-track, with a research appointment to attend this meeting. Registration deadline is September 9, 2007. To get the hotel conference rate, reservations must be made by September 1, 2007.

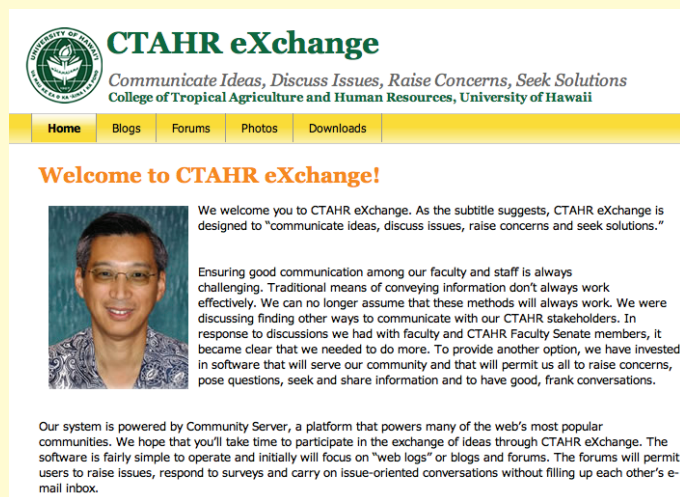
CTAHR Distinguished Visiting Scholar Program Seeking Applicants

The CTAHR Dean's Office is seeking nominations of scholars to participate in the CTAHR Excellence in Science Distinguished Visiting Scholar Program. The nomination must demonstrate that the proposed visit will have a significant positive impact on the college community. The selection panel will give preference to the following types of nominees: 1) Individuals with

distinguished national and international reputation or professional field; 2) individuals whose contributions have increased the significance of science education; and 3) individuals who have a broad appeal to our college and community. For more information about the program go here: http://www.ctahr.hawaii.edu/vincent/CTAHR_Visiting_Scholar_RFP.pdf. Nominations are due November 30, 2007.

CTAHR eXchange

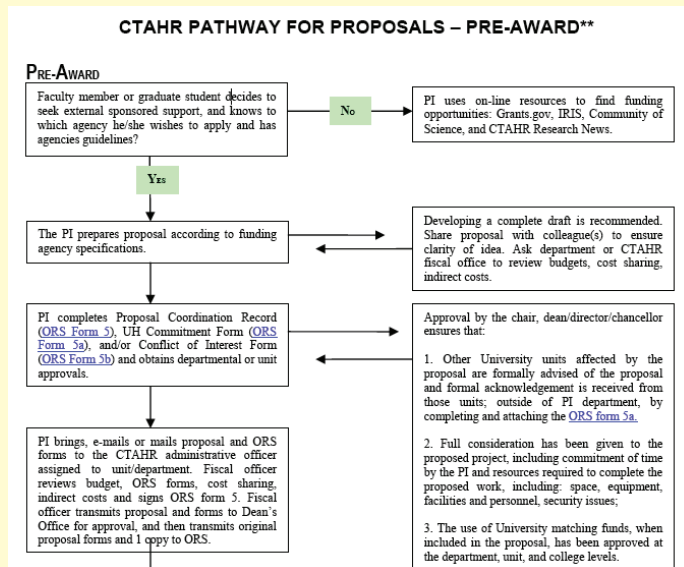
To further communication among the College, the UH Office of Research has released CTAHR eXchange as part of the CTAHR web site. CTAHR eXchange is a site for CTAHR blogs and forums. Our hope for CTAHR eXchange is to “communicate ideas, discuss issues, raise concerns and seek solutions.” Doug Vincent will be moderating the forums and is responsible for bringing issues to the CTAHR administration. Currently there are active discussions about Invasive Plant Species and Research Funding in CTAHR. Also, Doug Vincent is writing a blog entitled “Sustainable Agriculture.” Please join us in the conversations. Go to www.ctahr.hawaii.edu/cs/ to join in. Thanks to **Elsie Kawahara** and **Kathy Lu** for their assistance in bringing CTAHR eXchange to life.



CTAHR Pathway for Proposals

The CTAHR Office of Research has prepared a flowchart on how to process proposals in preparation for submission of grant proposals. It also includes information on how to process approvals for the Committee on Human Studies; Institutional Animal Care and Safety Committee, Biosafety Committee and others regulatory compliance issues. We hope you and your office staff will use this document to

process the paperwork in terms. Please give it try and if you have suggestions for improvement, please let Doug Vincent know. To download the flow chart, go here: http://www.ctahr.hawaii.edu/vincent/Pathway_To_Proposals.pdf.



Is UH-M a Minority Serving Institution?

Back in May 2006, the Department of Education ruled that the University of Hawaii system was no longer qualified as a “Minority Serving Institution.” Through the efforts of UH Leadership and others within UH, an appeal was made to restore the University of Hawaii status as a Minority Serving Institution and other programs under Title III, Part A and Title V of the Higher Education Act, as amended. The appeal was granted as of April 2, 2007. Why is this important? Most federal grant funding programs provides extra consideration for Minority Serving Institutions. This may involve additional programs or special opportunities or funding “set-asides” for eligible institutions. Because this change occurred between periods of designation, applicants must provide documentation of eligibility with their grant proposal and for an adequate audit trail. To do so, download the document and attach this document to any proposal submission to ensure that your proposal is eligible for consideration of these programs. If you are submitting a proposal “on-line,” include a copy of this document among the files uploaded with your proposal. The eligibility evidence document can be found here: http://www.ctahr.hawaii.edu/vincent/Eligibility_Certification_Approval.pdf.

Dignitaries to Tour CTAHR Facilities

Representative Clifton Tsuji, Chair of the House Agriculture Committee, and other members of the House Agriculture Committee are scheduled to visit the Hawaii Island CTAHR facilities at Waiakea on Thursday, September 6, 2007, at 3:45-4:45 pm.

Senator Jill Tokuda, Chair of the Senate Agriculture Committee, will be touring CTAHR Manoa Facilities from 9 – 11 am on Tuesday, September 18, 2007.

UH-M Chancellor Virginia Hinshaw will be meeting with the CTAHR Board of Advisors and touring CTAHR Manoa facilities on Monday, October 1, 2007, from 2-4 pm. Chancellor Hinshaw is also scheduled to attend the Taste of the Hawaiian Range on Friday, September 29, 2007.

Upcoming CTAHR Events

- CTAHR Welcome Back Ice Cream Bash: Monday, September 10, 2007, 12:30 pm in the Sherman Lab Courtyard.
- Waimanalo Field Day: Saturday, September 22, 2007, Waimanalo Experiment Station, Oahu
- Taste of the Hawaiian Range: Friday, September 28, 2007, Hilton Waikoloa Village, Big Island
- Mealani Forage Field Day: Saturday, September 29, 2007, Mealani Experiment Station, Kamuela, Big Island.

UH Manoa Promotion and Tenure Information Meetings

The Office of the Vice Chancellor for Academic Affairs will be holding Promotion and Tenure Information Meetings for anyone in Bargaining Unit 07 interested in learning more about the tenure and promotion process at UH-Manoa. The 90 minute meetings are scheduled for:

- Thursday, September 6, 2007, 2:30 – 4:00 pm, Kuykendall 101
- Tuesday, September 11, 2007, 9:00 – 10:30 am, Kuykendall 208
- Wednesday, September 19, 2007, 9:00 – 10:30 am, Hawaii 309
- Monday, September 24, 2007, 2:30 – 4:00 pm, HIG 110

Faculty Promotion and Tenure applications are due Friday, October 12, 2007. Consult with your Department Chair for information. See the Office of the Vice Chancellor for Academic Affairs Tenure, Promotion and Contract Renewal Web site for more information here: http://manoa.hawaii.edu/ovcaa/faculty/tenure_promotion_contract_renewal/.

Kudos, Recognitions and Thanks

CTAHR Faculty and Staff to be Honored at the UH Awards Convocation

Linda Cox, Milton Yamasaki, and the EFNEP team from HNFAS will be honored at the UH Awards Convocation Ceremony, September 5, 2007, at the Manoa Campus Orvis Auditorium. Linda Cox (NREM) is the 2007 Recipient of the Hung Wo and Elizabeth Lau Ching Foundation Award for Faculty Service to the Community. Dr. Cox is being recognized for applying her expertise in community economic development. For more about Dr. Cox's award go here: <http://www.hawaii.edu/about/awards/ching.php>. Dr. Cox and her students were featured in the April 2007 edition of the CTAHR Research News, here: http://www.ctahr.hawaii.edu/ctahr2001/Research/Downloads/ResearchNews/CTAHR_Research_News_April_07.pdf. Mr. Milton Yamasaki, CTAHR Farm Manager was nominated by UH for this year's Employee of the Year for the Governor's Awards for Distinguished State Service. Milton manages five of CTAHR's Hawaii Island county research stations and is one of the founders of the Taste of the Hawaiian Range. The EFNEP team from CTAHR's HNFAS Department was nominated for the Team of Excellence Award of Merit (TEAM) award. The USDA-funded, Expanded Food and Nutrition Education Program provides basic food and nutrition information state-wide to limited resource families with school-aged children. The EFNEP team is **Roxanne Bega**, Oahu; **Theresa Fernandez**, Maui; **Alicia "Kehau" Keller**, Oahu; **Jodi Leslie**, Kona; and **Linda Martinez**, Hilo. Both Milton and the EFNEP team were recognized at the July UH Board of Regents Meeting. Go here for the press release: <http://www.hawaii.edu/cgi-bin/uhnews?20070731102325>.

The **55th Hawaii State 4-H livestock** show was held during this summer's Hawaii Farm Bureau Federation State Farm Fair. The livestock show and judging brought 4-H'ers from across the state to Kapolei for the competition. CTAHR faculty spend

many hours organizing, judging, coaching and helping this important youth development program. The program's strength stems from enthusiastic leadership from **Carol Ikeda**, 4-H Program Leader; CTAHR faculty, **Brent Buckley**, **Halina Zaleski**, **John Powley**, **Lincoln Ching**, **Mike Duponte**, **Glenn Teves**, **Glen Fukumoto**, **Becky Settlege** and others. This year was particularly challenging since the previous sponsor of the program pulled out at the last minute. However, the Hawaii Telecom Great Aloha Run and Land O Lakes Feed stepped forward and provided support. Thanks to Carol Kai and to Dean Okimoto, President of the Hawaii Farm Bureau Federation, for their support. For a list of winners, and prize sponsors, go here: http://www.ctahr.hawaii.edu/vincent/2007_State_4-H_Livestock_Winners.pdf. Congratulations to the 4-H young people and thanks to the CTAHR faculty and staff that worked so hard to make this program a success.

New research by **Dr. Loriena Yancura**, Assistant Professor in FCS, was recognized at the 115th Annual Convention of the American Psychological Association on August 18, 2007. Dr. Yancura and her team found that older white men who are better able to cope with stress experience higher levels of HDL, the so-called "good cholesterol" than men who are more hostile or socially isolated. Their study suggests that the coping process influences lipid fractions differently and may play a protective role through their influence on HDL. To read the August 22, 2007 press release, go here: <http://www.hawaii.edu/cgi-bin/uhnews?20070822143823>. Dr. Yancura was also a 2007 Recipient of a North American Colleges and Teachers of Agriculture Teaching Award of Merit.

Luc LeBlanc and **Will Haines**, both Entomology PhD students advised by PEPS Associate Professor **Dan Rubinoff**, received awards for their presentations at the 15th Annual Hawai'i Conservation Conference, July 25-27, 2007. at the Hawaii Convention Center. Luc received the award for Best Student Oral Presentation for his research on the impact of fruit fly lures on non-target insects. Luc has found that traps placed in orchards do not attract native insects, and that they are not inclined to visit even improperly placed traps in native forests unless large number of dead flies are present. Will was named runner-up for his paper on the true conservation status of Hawaiian leafroller moths in the genus *Omiodes*. By focused surveys, Will found that many of the species thought to be extinct due to habitat destruction and biological

control impacts were actually alive and well, or had been misidentified in the first place. Details can be found at <http://www.hawaiiconservation.org/call-for-papers.asp>

FCS Apparel Product Design and Merchandise Students honored

FCS APDM students mentored by **Dr. Shi Hwa Lin** won awards in separate competitions. **Minako McCarthy**, a senior in the Apparel Product Design and Merchandising Program in the FCS Department, won top student design at the American Association of Family and Consumer Sciences 98th Annual Conference and Expos in Reno, NV. Minako created a two piece silk dress dyed with Kona coffee. To see the dress and read more about the competition, see the article published in the Honolulu Star Bulletin on-line edition for August 16, 2007. Go here for the article: <http://starbulletin.com/2007/08/16/features/story05.html>. In another competition, Lion Uniform Group held a contest for UH Manoa students to develop print designs for Hawaiian Airlines uniforms. Among the top five finalists were four APDM students: **Kit Sum Ho**, **Karen Kamahele**, **Kiry Kravanh** and **Saori Susukida**. Kit Sum Ho won the grand prize. Congratulations to these outstanding students and to Dr. Lin for her leadership.

*Thanks to Kathleen Vickers and **CTAHR Notes** for some of the above information.*

Brush fire causes extensive damage to Poamoho Experiment Station

By Doug Vincent
Special Program Director for Grants and Contracts

Our Poamoho Experiment Station on the north shore of Oahu had extensive damage due to the brush fire that started Sunday, August 12 and burned over 7000 acres. It is estimated that over 50% of the Experiment Station was scorched. Papaya, mango, avocado and other trees were damaged. The irrigation system for the entire Experiment Station was nearly destroyed. Many of the test plots were destroyed or damaged and without an operational irrigation system, crops and field projects that did not receive fire damage will be stunted due to the lack of water. Oahu County Administrator **Ray Uchida** and Director of Planning and Management Systems **Thomas Lim** are still evaluating the severity of the damage. If you have projects at Poamoho that have been damaged or will be impacted by loss of the irrigation system, please make sure we know about it. Thanks to Thomas Lim for the photos.



Melted irrigation lines at Poamoho Experiment Station



Field plot burnt at Poamoho Experiment Station



Scorched and burnt trees at Poamoho Experiment Station

CTAHR industry analysis: An organic perspective

By Theodore J.K. Radovich (TPSS), Linda J. Cox (NREM), James R. Hollyer (ADAP)

The College of Tropical Agriculture and Human Resources (CTAHR) in partnership with the Hawai'i Department of Agriculture (HDOA) and the Hawai'i Farm Bureau Federation (HFBF), has recently initiated an analysis of important agricultural industries/sectors including organic, beef and tropical fruits. This current effort is a revision of a process initiated in the mid-1980's by the CTAHR.

The Organic Industry Analysis team's current effort is to work with organic growers to develop a prioritized list of issues that need to be addressed in order for growers to be more successful. An estimated 160 organic producers exist in the State, most of who are certified by the Hawaii Organic Farmer's Association (HOFA) or another certifying agency. Two approaches have been used to reach this diverse community: an online survey and meetings in all four counties. Seventy-six people have participated in the process, of which approximately 75 percent are organic producers, with the remainder consisting of retailers, distributors, inspectors and educators. Participants included representatives of HDOA, HFBF, HOFA and the Hawaii Cooperative of Organic Farmers (HICOF). This effort was strongly supported by CTAHR extension agents.

The discussion and survey responses have been revealing and sometimes surprising. A few general observations include:

1. The vast majority of participants expect their operations to expand in the next 5 years.
2. The use of the word "industry" to describe organic food production and supply chain generated some discomfort.
3. Many of the issues identified may apply to most small growers, whether they are organic or not (e.g. absence of affordable, trained labor).
4. Participants feel very strongly that under-investment in organic research and education by public agencies, including CTAHR, has occurred.
5. Participants were often unaware of resources already developed by CTAHR and other groups to address production issues.
6. Organic growers particularly need tailored and comprehensive information tools to combat pests and enhance soil fertility, among other issues.
7. While the introduction of genetically engineered (GE) organisms into the environment is strongly opposed by the majority of participants, molecular biology is viewed as having potential value to organic agriculture (e.g. development of molecular markers for disease resistance).
8. Although this process was not intended to formulate a strategic plan, some participants are ready to do so.

Over the course of the next few months, a state-wide synthesis of the comments and survey responses will be conducted. Growers will prioritize the issues, which will be presented publicly for consideration by those interested in creating a response plan in cooperation with individuals, public and private research entities, and regulatory agencies.



Ted Radovich begins the organic meeting on Molokai (top). Linda Cox records at the meeting in Kona (below).



New grant opportunities

By Doug Vincent

Special Program Director for Grants and Contracts

The semester has begun and many of our lives have gotten more complicated with the new academic year beginning. The new “grant” year is just beginning as well. Although most programs CTAHR is used to applying for have not yet been announced, we suspect that very soon there will be announcements made, RFA’s released and the beginning of a new cycle of opportunities for funding. We still have a great uncertainty about whether any research grants will be provided to CTAHR through the support from our Congressional delegation. We can no longer assume

that funding will come. So if there are programs that interest you, we urge you to gather your team and begin building toward those future deadlines. Is this the year that you get an USDA NRI? Or maybe a seed grant. Is an NSF or EPA or Department of Education Grant in your future? Or have you checked out the grant programs at the Hawaii Community Foundation? Or the Foundation Center? There are many places to seek funding. We hope that you will take the chance and give it a try. Our office is here to help. Good luck with both the new academic year and the new “grant” year.

CHS Foundation

Rural Youth and Leadership Development

Proposal Deadline: rolling – applications accepted year round

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

CHS Foundation

Returning Value to Rural Communities

Proposal Deadline: rolling – applications accepted year round

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

Social Science Research Council

Abe Fellowship Program

Proposals accepted for 1) global issues, 2) industrialization and 3)

Japan-US relationships

Proposal Deadline: September 1, 2007

<http://fellowships.ssrc.org/abe/>

U.S. Department of Agriculture

Small Business Innovation Research – Phase I

Proposal Deadline: September 5, 2007

http://www.csrees.usda.gov/funding/rfas/pdfs/08_sbir.pdf

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

United States – Israel

Binational Agricultural Research and Development Fund

Proposal Deadline: September 6, 2007

<http://www.bard-isus.com/>

National Urban and Community Forestry Advisory Council

U.S. Forest Service

2007 Challenge Cost-Share Grant Program

Urban Forest Project Funding Community

Pre-proposals Due: September 6, 2007

<http://www.treelink.org/nucfac/2007rfp.pdf>

National Science Foundation

Instrument Development for Biological Research

Proposal Deadlines: September 12, 2007; August 29, 2008

<http://www.nsf.gov/pubs/2007/nsf07568/nsf07568.pdf>

U.S. Environmental Protection Agency

National Center for Environmental Research

Detection and Monitoring of Engineered Nanomaterials

Proposal Deadline: September 13, 2007

http://es.epa.gov/ncer/rfa/2007/2007_gro_nano.html

National Science Foundation

Environmental Engineering

Proposal Deadlines: September 15, 2007

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029

National Science Foundation

Environmental Sustainability

Proposal Deadlines: September 15, 2007

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

National Science Foundation

Environmental Technology

Proposal Deadlines: September 15, 2007

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

National Science Foundation

Energy for Sustainability

Proposal Deadlines: September 15, 2007

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

National Science Foundation

Biotechnology (BTEC)

Proposal Deadlines: September 15, 2007

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=501029

U.S. Department of Commerce

National Oceanic and Atmospheric Administration

Protected Species Cooperative Conservation

Proposal Deadline: September 15, 2007

<http://apply.grants.gov/opportunities/instructions/oppNMFS-PRPO-2008-2001012-cfda11.472-cid2075585-instructions.pdf>

U.S. Environmental Protection Agency
Interpretation of Biomarkers Using Physiologically Based
Pharmacokinetic Modeling
Proposal Deadline: September 18, 2007
http://es.epa.gov/ncer/rfa/2007/2007_star_biomarkers.html#SUMMARY

U.S. Environment Protection Agency
Development of Environmental Health Outcome Indicators
Proposal Deadline: September 19, 2007
http://es.epa.gov/ncer/rfa/2007/2007_star_health_indicators.html

National Science Foundation
Emerging Frontiers in Research and Innovation
Letters of Intent Due: September 25, 2007
Pre-Proposal Due: October 26, 2007
Proposal Deadline: April 30, 2008
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07579

Borchard Foundation Center on Law & Aging
Academic Research Grant Program
Proposal Deadline: September 30, 2007
http://www.borchardcenter.org/argp_rfp.html

U.S. Department of Defense
United States Army Medical Research & Materiel Command
Broad Agency Announcement
Proposal Deadline: September 30, 2007
<http://www.usamraa.army.mil/pages/index.cfm>

U.S. Department of Health and Human Services
National Institutes of Health
Improving Diet and Physical Activity Assessment (RO1)
Letters of Intent Due: September 5, 2007; May 5, 2008
Proposal Deadline: October 5, 2007; June 5, 2008
<http://grants.nih.gov/grants/guide/pa-files/PAR-07-259.html>

U.S. Department of Interior
U.S. Fish and Wildlife Service
Coastal Program
Proposal Deadline: September 30, 2007
<http://www.fws.gov/coastal/CoastalProgram/>
http://www.fws.gov/pacificislands/worg/orghc_coastal.html

U.S. Department of Defense
National Biodefense Analysis and Countermeasures Center
Broad Agency Announcement
Proposal Deadline: September 30, 2007
<http://www.usamraa.army.mil/pages/index.cfm>

Organisation for Economic Co-operation and Development
Biological Resource Management for Sustainable Agricultural
Systems
Research Fellowship – 2008
Proposal Deadline: September 30, 2007
http://www.oecd.org/departement/0,2688,en_2649_33903_1_1_1_1_1,00.html

Women's Fund of Hawaii
Proposal Deadline: October 1, 2007
<http://www.womensfundhawaii.org/guidelines.doc>
<http://www.womensfundhawaii.org/index.htm>

National Gardening Association
Youth Garden Grants Program
Proposal Deadline: October 1, 2007
<http://www.kidsgardening.com/YGG.asp>

CHS Foundation
2008 Cooperative Education Grants Program
Proposal Deadline: October 1, 2007
<http://www.chsfoundation.org/programs/ce.htm>

U.S. Department of Agriculture
Agricultural Marketing Service
Specialty Crop Block Grant Program
Proposal Deadline: October 11, 2007
<http://www.ams.usda.gov/fv/scbgbp.html>

Council for International Exchange of Scholars
Scholar-In-Residence Program
Proposal Deadline: October 15, 2007
<http://www.cies.org/Institutions/>

Council for International Exchange of Scholars
European Union Scholar-in Residence Program
Proposal Deadline: October 15, 2007
<http://www.cies.org/sir/eusir/>

National Gardening Association
Healthy Sprouts Awards
Proposal Deadline: October 15, 2007
<http://www.kidsgardening.com/healthysprouts.asp>

U.S. Environmental Protection Agency
Fall 2008 EPA Science to Achieve Results (STAR)
Fellowships for Graduate Environmental Study
Proposal Deadline: October 23, 2007
http://es.epa.gov/ncer/rfa/2008/2008_star_fellow.html

National Institutes of Health
Institutional Clinical and Translational Science Award (U54)
Letter of Intent due: September 24, 2007
Proposal Deadline: October 24, 2007
<http://grants.nih.gov/grants/guide/rfa-files/RFA-RM-07-007.html>

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
FY2008 Community-based Marine Debris Prevention and
Removal Grants
Proposal Deadline: October 31, 2007
<http://apply.grants.gov/opportunities/instructions/oppNMFS-HCPO-2008-2001026-cfda11.463-cid2076027-instructions.pdf>

National Science Foundation
Graduate Research Fellowship Program
Proposal Deadline: November 1, 2007
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07576

U.S. Department of Agriculture
Western Regional Sustainable Agriculture Research and
Education
Professional Development Grants
Proposal Deadline: November 1, 2007
http://wsare.usu.edu/grants/docs/req_pd_08.pdf

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
Projects to Improve or Amend Coral Reef Fishery
Proposal Deadline: November 1, 2007
<http://apply.grants.gov/opportunities/instructions/oppNMFS-HCPO-2008-2001027-cfda11.441-cid2076034-instructions.pdf>

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
National Estuarine Research Reserve Graduate Research Fellowship Program FY08
Proposal Deadline: November 1, 2007
<http://apply.grants.gov/opportunities/instructions/oppNOS-OCRM-2008-2001046-cfda11.420-cid2077365-instructions.pdf>

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
General Coral Reef Conservation
Proposal Deadline: November 1, 2007
<http://apply.grants.gov/opportunities/instructions/oppNMFS-HCPO-2008-2001019-cfda11.463-cid2075859-instructions.pdf>

National Science Foundation
Postdoctoral Research Fellowships in Biology
Proposal Deadline: November 5, 2007
http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07580

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
CRCP-State and Territory Coral Reef Management Grants
Letter of Intent due: November 6, 2007
Proposal Deadline: February 22, 2008
<http://apply.grants.gov/opportunities/instructions/oppNOS-OCRM-2008-2001014-cfda11.419-cid2075642-instructions.pdf>

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
2008 CRCP Coral Reef Ecosystem Monitoring
Letter of Intent due: November 6, 2007
Proposal Deadline: February 22, 2008
<http://apply.grants.gov/opportunities/instructions/oppNOS-NCCOS-2008-2001069-cfda11.426-cid2077780-instructions.pdf>

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
FY 2008 Oceans and Human Health Initiative, External Grants Program
Letters of Intent due: August 15, 2007
Proposal Deadlines: November 15, 2007
<http://apply.grants.gov/opportunities/instructions/oppNOS-CSC-2008-2001090-cfda11.473-cid2078771-instructions.pdf>

Fund for Wild Nature
Proposal Deadline: November 2, 2007
<http://www.fundwildnature.org/proposal.html>

Department of Health and Human Services
National Institute of Health
Long-Term Weight Maintenance: Basic and Clinical Studies (R01)
Proposal Deadline: November 5, 2007
<http://grants.nih.gov/grants/guide/pa-files/PA-07-053.html>

Department of Health and Human Services
National Institute of Health
Retirement Economics (R01)
Proposal Deadline: November 5, 2007
<http://grants.nih.gov/grants/guide/pa-files/PA-07-075.html>

Department of Health and Human Services
National Institute of Health
Parenting Capacities and Health Outcomes in Youth and Adolescents (R01)
Proposal Deadline: November 5, 2007
<http://grants.nih.gov/grants/guide/pa-files/PA-07-061.html>

American Association of University Women
American Fellowships
Proposal Deadline: November 15, 2007
http://www.aauw.org/fga/fellowships_grants/american.cfm

U.S. Department of Agriculture
Foreign Agriculture Service
International Agricultural Internship Program
Application Deadlines: November 15, 2007, April 3, 2008
<http://www.fas.usda.gov/admin/student/iaip/index.htm>

Smithsonian Tropical Research Institute
Short Term Fellowships Programs
Proposal Deadlines: November 15, 2007, February 15, 2008, May 15, 2009
http://www.stri.org/english/education_fellowships/fellowships/stri_programs.php

American Association of University Women
International Fellowships
Proposal Deadline: December 1, 2007
http://www.aauw.org/fga/fellowships_grants/international.cfm

Staples Foundation for Learning®
Teach – Train – Inspire ®
Proposal Deadlines: December 7, 2007
<http://www.staplesfoundation.org/foundhome.html>

U.S. Department of Agriculture
Western Regional Sustainable Agriculture Research and Education
Professional + Producer Grants
Proposal Deadline: December 7, 2007
http://wsare.usu.edu/grants/docs/req_pp_08.pdf

U.S. Department of Agriculture
Western Regional Sustainable Agriculture Research and Education
Farmer-Rancher Grants
Proposal Deadline: December 7, 2007
http://wsare.usu.edu/grants/docs/req_fr_08.pdf

American Association of University Women
Career Development Grants
Proposal Deadline: December 15, 2007
http://www.aauw.org/fga/fellowships_grants/career_development.cfm

Organic Farming Research Foundation
Research Proposals

Proposal Deadline: December 17, 2007 (firm), July 16, 2008 (estimated)

http://ofrf.org/grants/apply_research.html

International Foundation for Science
Sustainable Management, Conservation of Biological or Water Resources

Proposal Deadline: December 31, 2007

<http://www.ifs.se/>

American Orchid Society
Research Grants

Proposal Deadline: January 1, 2008

<http://aos.org/aos/uploadedfiles/docs/guidelinesgrants.pdf>

National Science Foundation
Research Initiation Grants and Career Advancement Awards to Broaden Participation in Biology

Proposal Deadline: January 14, 2008

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07560

American Association of University Women
Community Action Grants

Proposal Deadline: January 15, 2008

http://www.aauw.org/fga/fellowships_grants/community_action.cfm

Binational Agricultural Research and Development Fund
Senior Research Fellowship Grants

Proposal Deadline: January 15, 2008

http://www.bard-isus.com/ResFellguide_07.pdf

Conservation, Food and Health Foundation
Grants directed conservation, food and health in the Developing World

Concept Applications Due: February 1, 2008

<http://www.grantsmanagement.com/cfhguide.html>

Binational Agricultural Research and Development Fund
Workshop Grants

Proposal Deadline: February 1, 2008

http://www.bard-isus.com/Workshop_07.pdf

National Science Foundation
Innovation and Organizational Change

Proposal Deadline: February 2, 2008

http://www.nsf.gov/funding/pgm_summ.jsp?pims_id=5378

U.S. Department of Commerce
National Oceanic and Atmospheric Administration
Dr. Nancy Foster Scholarship Program (for Marine biology)

Proposal Deadline: February 8, 2008

<http://apply.grants.gov/opportunities/instructions/oppNOS-NMS-2008-2001067-cfda11.429-cid2077754-instructions.pdf>

National Science Foundation
Research on Gender in Science and Engineering FY 2008

Proposal Deadline: February 25, 2008

http://www.nsf.gov/publications/pub_summ.jsp?ods_key=nsf07578

After further review, a good grant year, but . . .

By Doug Vincent
Special Program Director for Grants and Contracts

Now that FY 2007 state fiscal year is finished I am pleased to report that CTAHR had a very good year in obtaining extramural grants and contracts. At the end of the FY 2007 state fiscal year, CTAHR received 174 awards for \$23,464,929: a mere \$688,397 short of our record FY 2004 levels of \$24,153,326. On the surface, these numbers are outstanding and we are grateful for the efforts of the skillful faculty and staff to obtain this funding. But after further analysis, we must temper our enthusiasm for a couple of reasons. First, 40% of our funding was the result of the efforts of our Congressional delegation, which translates to over \$9.3 million (See Figure 1). Second, we received four very large grants, three of which were one-time grants and the fourth, Soil Management CRSP, will not be continued into FY

2008. If we deduct the \$8.1 M that we received from these big grants, our numbers for FY 2007 are very average compared to previous years. We are certainly grateful to those individuals who brought in these big grants; but it is a time when we should not be resting on our past successes. Our loss of funding due to the elimination of the Congressional earmarks in the federal FY 2007 was not reflected in this past year's funding. Our earmark funds do not come to us until late in the federal fiscal year, so the loss of the 2007 earmarks will not be reflected until next year's reporting.

On the "up" side of the ledger, we continue to receive new grants. We have received 16 new grants for a total of \$1,229,353. This is an excellent start to the new academic year. Congratulations to those that received these grants.

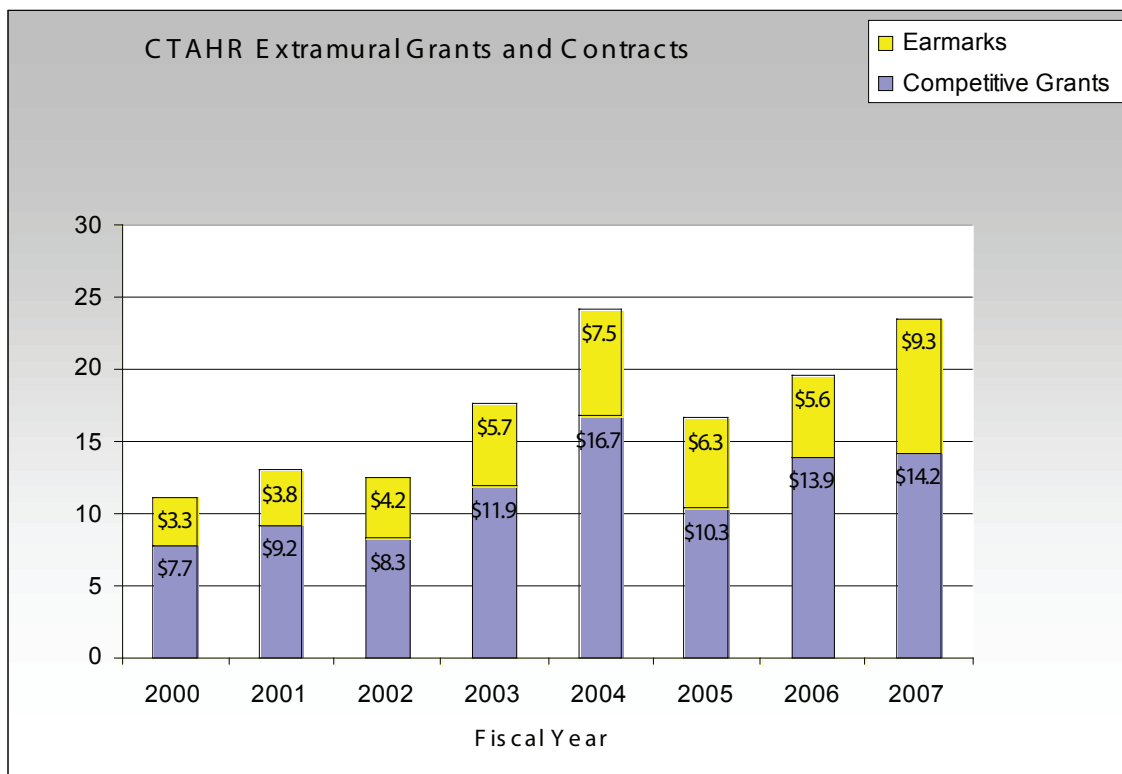


Figure 1. CTAHR Extramural Grants and Contracts by FY; sorted by earmarks and competitive grants.
Source: UH Office of Research Services

CTAHR grant winners as reported from 6/21/07 - 8/21/07

| First name | Last name/Dept | Project Name | Funder | Amount |
|--|-------------------|---|--|--------------------|
| James | Carpenter / HNFAS | Effect of Season, Location and Age of Regrowth on Forage Protein and Carbohydrate Fractions, and In Vitro Digestibility of Tropical Grasses | County of Hawaii | \$10,800 |
| Richard | Criley / TPSS | New Tropical Ginger Cut Flowers | Joseph H. Hill Memorial Foundation, INC | 1,375 |
| Ken | Grace / PEPS | Management of Formosan Subterranean Termites in Hawaii Through School Campus Based Research and Suppression | DA - Department of Agriculture | 112,500 |
| Andrew | Hashimoto / Admin | Pacific Regional Aquaculture Information Service for Education (PRAISE) and Publications, Year 1--Publications Components | Center for Tropical and Subtropical Aquaculture (CTSA) | 56,270 |
| James | Hollyer / ADAP | Solar Water Disinfestation for Produce Washing" Workshops and Survey | Hawaii Department of Agriculture | 7,500 |
| Travis | Idol / NREM | New Innovations in Native Forest Restoration for High-Elevation Rangelands Infested with the Noxious Weed Kikuyu Grass (<i>Pennisetum clandestinum</i>) | Pacific Islands Conservation Innovation Grant | 46,040 |
| Naomi | Kanehiro / HNFAS | Grocery Store Tour: Touring our Supermarkets for Salads, Soups and Stir-Frys | Hawaii Department of Health | 28,200 |
| Andrew | Kaufman / TPSS | People's Psychophysiological Responses to Tropical Trees in Urban Landscapes of Hawaii | Kaululani Urban and Community Forestry Grant Program | 8,529 |
| Qingxiao | Li / MBBE | Biotic and Abiotic Attenuation of Nitrogenous Energetic Compounds (NEC) in Coastal Waters and Sediments | DOD - Naval Research Laboratory | 36,971 |
| Ron | Mau / PEPS | Area-Wide Pest Management of Tephritid Flies that Infest Hawaii-Grown Fruits and Vegetables | DA - Department of Agriculture | 550,000 |
| Richard | Ogoshi / TPSS | Analysis of Energy Crop Production and Other Agricultural-Related Uses for Dole's North Shore and Lanai | Dole Food Company | 47,543 |
| Dan | Rubioff / PEPS | Attraction of Non-Target Organisms to Fruit Fly Female Attractants and Male Lures in Hawai'i | DA - Department of Agriculture | 151,423 |
| Terry | Sekioka / PEPS | The Kauai Hybrid Papaya Project | Hawaii Department of Agriculture | 35,659 |
| Mark | Thorne / HNFAS | Hawaii Animal Premise Identification System Outreach and Communication | Hawaii Department of Agriculture | 49,000 |
| Mark | Thorne / HNFAS | 2007 - Mealani Forage Field Day Educational Program | Natural Resources Conservation Service (NRCS) | 14,209 |
| Mark | Thorne / HNFAS | Hawaii Rainfall and Forage Production Index Project | Natural Resources Conservation Service (NRCS) | 73,334 |
| Source: UHM Office of Research Services. | | | 16 grants for a total of: | \$1,229,353 |

New faculty publications

Greg Bruland (NREM)

Rivero, R.G., S. Grunwald, and G.L. Bruland. 2007. Incorporation of spectral data into multivariate geostatistical models to map soil phosphorus variability in a Florida wetland. *Geoderma* 140:428-443.

Andy Kaufman (TPSS)

Kaufman, A., Cox, L., Muira, T., Easterday, D. 2007. The Potential for Green Roofs in Hawaii. *Cooperative Extension Service*, University of Hawaii at Manoa. Feb.2007. RM-15.

Cabugos, L., Kaufman, A.J., Cox, L.J., Miura, T., and Easterday, D. 2007. Feasibility of Rooftop Landscaping with Native Hawaiian Plants in Urban Districts of Hawai'i. *Fifth Annual International Greening Rooftops for Sustainable Communities Conference Proceedings*. GRHC. Minneapolis, MN.

Kaufman, A.; Cox, L. J.; Muira, T.; Easterday, D. 2006. Feasibility of Green Roofs in Hawaii: A Source of Private and Public Benefits. Department of Tropical Plant and Soil Sciences, *College of Tropical Agricultural and Human Resources*. University of Hawai'i at Manoa. Report for the Hawaii State Legislature 2007 Session.

Kobayashi, K.D. and A.J. Kaufman. 2006. Common Gardenia. *Cooperative Extension Service, University of Hawaii at Manoa*. May 2006, OF-32.

Kaufman, A. and Adams, R. 2007. Design: HIG Gathering Garden, University of Hawaii. Honolulu, HI. (Won the Betty Crocker Landscape Award: Scenic Hawaii, Inc. Award of Honor in the Community Garden category 2007.)

Kaufman, A. and Adams, R. 2006. Design: Hawaii Hall, University of Hawaii. Honolulu, HI. (Won the Betty Crocker Landscape Award: Scenic Hawaii, Inc. Award of Appreciation in the Community Garden category 2006.

PingSun Leung (MBBE)

Species and System Selection for Sustainable Aquaculture. 2007. Edited by PingSun Leung, Cheng-Sheng Lee and Patricia J. O'Bryen. Blackwell Publishing Professional. Ames, IA.. 624 pp.

Barbara Yee (FCS)

Yee, B.W.K. & Chiriboga, D.A. (2007). Issues of diversity in Health Psychology and aging. In C.M. Aldwin, C.L. Park & A. Spiro, (eds). *Handbook of Health Psychology and Aging: New Directions* (pp. 286-312). New York, NY: The Guilford Press.

Yee, B.W.K., DeBaryshe, B., Yuen, S., Kim, S.Y., & McCubbin, H. (2006). Asian American and Pacific Islander Families: Resiliency and Life-span Socialization in a cultural context. In F.T.L. Leong, A.G. Inman, A. Ebreo, L.H. Yang, Kinoshita, L. M. Fu (eds.), *Handbook of Asian American Psychology*, Second Edition (pp. 69-86). Thousand Oaks, CA: Sage Publications.

Yee, B.W.K. & Keo, Y.R. (2006). Cambodian Elders. In *Doorway thoughts: Cross-Cultural Health Care for Older Adults*, Volume 2(pp. 36-55). New York: The American Geriatrics Society.

Whitborne, S.K., Bringle, J.R., Yee, B.W.K., Chiriboga, D.A., & Whitfield, K. (2006). Ethical Research Dilemmas with Minority Elders. In J.E. Trimble & C.B. Fisher, (eds). *Handbook of ethical research with ethnocultural populations and communities* (pp.217-241), Thousand Oaks: Sage Publications.

Yee, B.W.K.(2006). Ethnic minority elders. In Y. Jackson (ed.), *Encyclopedia of Multicultural Psychology* (pp. 193-195), Thousand Oaks, CA: Sage Publications

Yee, B.W.K. (2006). Filial piety. In Y. Jackson (ed.), *Encyclopedia of Multicultural Psychology* (pp.214-215), Thousand Oaks, CA: Sage Publications.

Great work everyone, thanks!

In memoriam



Stephen Henry Saul, Ph.D.

March 19, 1941 – August 29, 2007

Associate Entomologist

Department of Plant and Environmental Protection Sciences
December 1977 – July 2007

Dr. Stephen Saul, retired insect geneticist in the Department of Plant and Environmental Protection Sciences, died peacefully on August 29, 2007, after a long battle with a variety of health problems that plagued Stephen over the last several years. Dr. Saul had a distinguished career in fruit fly genetic research and was an anchor in the undergraduate program in Entomology. Please keep Stephen's family in your thoughts and prayers.