CAFNRM presents a honey of a fair April 16

T.S. Eliot called April “the cruelest month” and tax time makes it a stressful time for a lot of folks. UH Hilo’s College of Agriculture, Forestry, and Natural Resource Management (CAFNRM) is looking to make this April more of a sweet, saucy, sudsy and succulent experience with CAFNRM Fair Day, scheduled from 10 a.m. to noon on Friday, April 16 at the CAFNRM breezeway.

“The whole idea is to showcase what CAFNRM is doing and to showcase the students involved in these activities,” said Dr. Lorna Tsutsumi, professor of entomology and the Fair’s organizer. “The Fair also tied into CAFNRM’s senior seminar course, Ag 497.”

The Fair’s humble beginning originated in 2007, which featured Tsutsumi’s advanced beekeeping class and was called “A Taste of Honey.” The event displayed value-added bee products, made by students with honey extracted from the UH Hilo hives, including lava candy, salad dressings and chili.

“Because it was popular, the following year, I invited other

On-campus housing promotes student success

by Ken Hupp

As UH Hilo prepares to eclipse a new enrollment milestone, its biggest challenge remains adding to its existing inventory of on-campus student housing. Despite a near 40% gain in the number of students, UH Hilo has accommodated that growth without a single, additional on-campus bed. By any reasonable analysis, that’s an unsustainable trend with approximately 530 students residing off campus, an unstable rental market, an enrollment goal of 5,000 and aging facilities in need of repair.

But the issue goes well beyond UH Hilo’s enrollment. The University has the capacity to assume an even greater Statewide responsibility in developing a more educated and professional workforce by graduating more students. And with UH Hilo targeted to become the System’s “premier residential campus,” adding residential capacity is essential to building a learning environment that facilitates greater student success and development.

Enrico Yabut, a senior Business Administration major from Honolulu, has experienced life both on and off campus. Yabut says living on campus maximizes his student experience.

“You don’t have to wake up early to get to class on time, you eliminate all transportation expenses, and best of all, you can just go home, study, or simply relax whenever you want to,” Yabut explained. “When I lived off campus, I wasted a lot of time waking up early each morning and having to walk...
CAFNR Fair
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CAFNR faculty who wanted to showcase what they were doing and called it ‘Ag Grown,’ Tsutsumi said. This event again featured honey flavored foods, including pulled pork sandwiches with honey barbecue sauce.

Tsutsumi took a sabbatical last year and the event took a hiatus, but it’s back, bigger and more inclusive this year, showcasing many of the activities and products of CAFNR faculty, staff, and students.

The CAFNR folks will be going whole hog this year. The pulled pork honey barbecue sandwiches, a real crowd pleaser, are back, as are honey sloppy joes. Fairgoers can wash down their succulent sandwiches with refreshing honey lemonade.

There will also be frozen pork from the UH Hilo’s Papaewa Farm, packaged by Kulana Foods and sold at a bargain price. Dr. Erik Cleveland, associate professor of animal science, will be in charge of the swine production exhibit with assistance from farm technicians Arnold Miyasaki and Ryan Okimoto.

“He’ll provide information about swine production, including how the pigs are raised and the anatomy of a pig, so it will be educational as well as delicious,” Tsutsumi said.

Also for sale are potted vegetables as well as native and ornamental plants. Many of plants for sale have been grown in Dr. Willam Sakai’s horticulture courses and have been prepared for sale by technicians Jan Iyo and Russell Shioshita.

“They can show what they’ve learned over four years as exiting CAFNR seniors.”

Tsutsumi said there will also be tours of the greenhouse and the composting site.

“The greenhouse is insecticide-free,” she said. “Dr. Marcel Tsang, professor of agricultural engineering, has developed a hot water system that uses solar energy. They can raise the temperature of the water so that they can use it as a spray to disinfect the plants.” Tsang, along with his technician, Kevin Imamura, will demonstrate and explain the hot water treatment system.

There will also be samples of hydroponic lettuce grown in the insecticide-free greenhouse with a honey dressing developed by Tsutsumi.

Added to the mix is sustainability, which is more important than ever. Dr. Norman Aroncon, assistant professor of horticulture, will demonstrate composting and vermicomposting – the latter uses worms to create an organic fertilizer rich in nutrients.

The Pacific Aquaculture & Coastal Resource Center will be on hand with exhibits coordinated by Dr. Maria Haws, assistant professor of aquaculture.

Because people thirst for things other than knowledge, there will be a mead-making demonstration by CAFNR farm manager Richard Short. Short has taught home brewing through the College of Continuing Education and Community Service.

“He just came back from the Kona Brewfest, where he was a judge,” Tsutsumi said. “Every semester in my beekeeping class he does a mead-making demonstration. One year, one of the meads was so good, he entered it in the Kona Brewfest and it placed third.”

Dr. Yiqing Li, assistant professor of tropical forest ecology and management, will be on hand to explain CAFNR’s forestry certificate.

Since students are learning about value-added products and how to market them, there’s also a demonstration on lip balm made from beeswax.

“There’s something for everyone to see and experience at the Fair,” Tsutsumi said. “So mark this event on your calendar!”

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UH Hilo Biology Department captures third NSF CAREER Award

Dr. Elizabeth Stacy, assistant professor of biology at UH Hilo, recently earned a National Science Foundation (NSF) Faculty Early Career Development (CAREER) Award. The five-year award totaling $738,255 is for her research program on “Characterizing reproductive isolation within the Hawaiian Metrosideros species complex.”

The NSF CAREER award is NSF’s “most prestigious honor in support of junior faculty who exemplify the role of teacher-scholars through outstanding research, excellent education and the integration of education and research within the context of the mission of their organizations.” Stacy is the third member of the University’s Biology faculty to receive the award following Dr. Donald Price (1999) and Dr. Becky Ostertag (2006), earning UH Hilo an exemplary distinction among biology departments throughout the U.S.

Stacy’s CAREER-supported study will characterize the strengths and stages of reproductive barriers above and below the species level in Hawaiian Metrosideros, a group of tree taxa that vary in their degree of natural hybridization. Her broader research program examines morphologic, reproductive, and neutral and functional genetic divergence within M. polymorpha across Hawaii’s striking environmental gradients.
Housing
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a long distance just to get to school.”

There are also practical reasons for encouraging more students to live on campus. First-time, full-time freshmen (FTFTF) residing in residence halls managed by University educators and exposed to a purposeful, meaningful array of academic, social and career development programs are significantly more likely to be retained into their sophomore year. These students totaled 37% of the campus population in Fall 2007 and grew to 43% a year later. That group includes a growing number of Big Island students.

Miho Fujii of North Kohala could have lived with relatives nearby, but instead chose to reside on campus. While lack of transportation was one factor, Fujii believes living on campus has made her a better student.

“I can always find my classmates at their dormitories for quiet study sessions ahead of quizzes and mid terms,” Fujii said. “I have also found that I go to the Library a lot to study with friends, which I don’t think I’d have done as often if I lived off campus.”

The University is interested in creating living-learning communities, theme-based residential environments and other housing options that have produced promising results. First-Year or Freshmen live-on requirements have been linked with improved student retention, satisfaction, graduation rates as well as other student success measures.

UH Hilo is considering instituting such a requirement, but based on fall entering freshmen classes of 472 in 2007 and 548 in 2008, an additional 300 bed spaces would be needed to limit displacement of sophomores and upper-division students currently residing on campus – students who at the present time would have to move off-campus to make room for freshmen.

The addition of more on-campus housing could also help the University unlock the large, vastly untapped student potential in West Hawai‘i. UH System research reveals the area is one of the State’s most underserved regions in higher education access. But the vast majority of those students would need to have on-campus housing for UH Hilo to be a viable higher education choice.

On-campus housing is also essential to the University’s international students, who are often faced with fewer off-campus housing options. Ben Chosmal of Micronesia, East Timor student Lanu De Sousa and Arlynne Chugen of Yap say a variety of on-campus services and a solid support system creates an optimum learning environment.

“Living on campus provides easy access to the Library, computer labs and other conveniences so that we can focus on our studies,” Chosmal said. “We have regulated quite hours throughout the week, which provides a great incentive to hit the books and you can study late at night with confidence since we have 24-7 security. And given the close knit nature of our campus, it is much easier to meet new people and experience other cultures,” De Sousa said. “It’s also nice not having to worry about maintenance issues such as calling a plumber, or basic services like laundry or Internet, since Housing takes care of all that,” Chugen added.

UH Hilo’s inventory of on-campus housing has remained virtually unchanged since the 236-bed Hale Kehau opened in 1989. With a lengthy list of budgetary needs, the University had hoped to address the housing issue through privately funded initiatives. But Chancellor Rose Tseng acknowledged that it has been a tough road to hoe.

“We had high hopes that it could be done through the private sector,” Tseng said. “It is still not out of the question. However, in this economic environment, it looks like public funding will have to be at least part of the solution.”

Although no short-term fix appears likely, there is movement that could produce some eventual relief. The initiative most often mentioned is a 2009 “A” Revenue Bond issue, resulting from the Board of Regents approval of $100 million in Systemwide capital improvements. Included is $20 million for UH Hilo to acquire and renovate existing apartment buildings that could be converted to University-managed student housing.

Meanwhile, the need for additional housing will be taking on a new sense of urgency, from a different perspective, with the aging residence halls in need of updates, repairs and renovations. Repair and maintenance projects in the works include plumbing and electrical upgrades, window and sliding door replacements and interior painting, which could temporarily reduce the number of on-campus units available for occupancy.

UH Hilo has made tremendous progress toward becoming a quality, comprehensive, full service, residential university. But a major hurdle remains, which places the University at a crossroad. How the housing issue is addressed will largely determine its future direction.

(Editor’s note: Ken Hupp is a public information officer.)

Cancer survivors take their ceremonial first lap to open the 4th Annual Relay for Life held March 12-13 on the UH Hilo campus. The 12-hour event sponsored by numerous student organizations, raised $23,542 and counting for the American Cancer Society to fund cancer education programs and research. This year’s event attracted 31 registered teams and well over 500 participants.
Hats off to...

Seri Luangphinith, Associate Professor, English, is one of only 25 people nationwide selected as a participant for the 2010 WASC Assessment Leadership Academy. Luangphinith is the UH Hilo Assessment Support Committee Chair and will develop and complete an assessment-related project relevant to UH Hilo by the end of the Academy session.


Adam Pack, Assistant Professor, Psychology and Biology, is co-author of “Longer-term survival of humpback whales radio-tagged in Alaska from 1976 through 1978,” which was accepted for publication in *Marine Mammal Science*. He was also invited to participate in a Management Plan Review workshop held last month on Maui for the Hawaiian Islands Humpback Whale National Marine Sanctuary.

Steve Herman, Assistant Professor, Psychology, will have “Career HOPES: An Internet-delivered career development intervention,” published in the May 2010 issue of *Computers in Human Behavior*.

Philippe Binder, Professor, Physics, and Brian Wissman, Assistant Professor, Mathematics, had “Geometry of repeated measurements in chaotic systems” published in the March 1, 2010 issue of *Chaos*, an American Institute of Physics periodical. The multimedia paper addresses geometric and informational aspects of chaos, and includes two movies (doi:10.1063/1.3298244).

Harald Barkhoff, Associate Professor, Kinesiology and Exercise Sciences, had his paper “Hawai‘i Indigenous Place-Based Approach to Physical Education” accepted for presentation at the International Federation of Physical Education Oceania Conference in Fiji this summer.

Terrance Jalbert, Professor, Finance, and Gene Johnson, Assistant Professor, Accounting, co-authored the paper “The College or Retirement Decision,” which was accepted for publication in *Journal of Personal Finance*.

Bryan Kim, Professor, Psychology, was recently awarded the 2010 American Counseling Association Research Award and the 2010 Measurement and Evaluation in Counseling and Development Editor’s Choice Research Award for the quality of the research described in a journal article about the development of the “Latino/a Values Scale.”


Walter Dudley, Professor, Oceanography, received a Fulbright Specialist Award to work at the Australian Tsunami Research Centre at the University of New South Wales in Sydney, Australia where he will give specialized lectures in advanced level natural hazards courses, community awareness and disaster risk management. He will also work with staff to formulate strategies and plans to...
enhance educational programs to ensure effective operation of the Australian Tsunami Warning System and to better understand risk and hazard in the region.

William Sakai, Professor, Horticulture, co-authored two papers which he presented at the First International Orchid Symposium held in Taichung, Taiwan: “Benzyladenine Induced Flowering of Potted Nobile Dendrobium Red Emperor ‘Prince’ Orchid Plants” and “A Preliminary Study of the Effect of Ultraviolet Radiation on Visible Flower Color in Two Orchids.”

Kathleen Commendador, Assistant Professor, Nursing, presented her research paper, “The Relationship Between Maternal Parenting Style, Female Adolescent Decision Making and Contraceptive Use,” at the Contraceptive Technology Conference in San Francisco, CA last month.

Cheryl Ramos, Associate Professor, Psychology, had her paper on “Before and After Cancer: Quality of Life of Recently Diagnosed Cancer Survivors in Rural Communities” accepted for publication in the peer-reviewed Journal of Rural Community Psychology.

William Concepcion, Interim Director, Counseling Services, was invited to participate in the session, “Fabulous Filipino American Faculty Panel,” and co-facilitated the discussion, “Revisiting Filipino Language and Culture in the UH System,” at the Annual Pamantasan conference held last month at UH Manoa.

Supakit Wongwiwatthanukit, Assistant Professor, Pharmacy Practice, had his research papers accepted for presentation at the 2010 American Pharmacists Association Annual Meeting & Exposition held last month in Washington, D.C.: “Development and Evaluation of Pharmacist-Based Smoking Cessation Program for Youth Offenders” and “Comparative Efficacy and Safety of Low-dose Pitavastatin versus Atorvastatin in Patients with Hypercholesterolemia.” The latter paper was also accepted for publication in the March Annals of Pharmacotherapy. He also co-authored “Efficacy of Vernonia cinerea for Smoking Cessation” and “Effectiveness of Oral Maintenance Terbutaline Therapy after Threatened Preterm Labor” published in Journal of Health Research.

Ken Morris, Professor, Pharmaceutical Sciences, was invited to join the Editorial Advisory Board of Molecular Pharmaceutics, an American Chemical Society journal. He also co-authored an invited review entitled, “Multi-Scale Pharmaceutical Process Understanding: from Particle to Powder to Dosage Form Corresponding” that was accepted for publication in Chemical Engineering Science.

Syed Rahman, Assistant Professor, Computer Science, is the first author of “Convergence of Corporate and Information Security” that was published in International Journal of Computer Science and Information Security, Vol 7, No.1, January 2010.

Todd Belt, Associate Professor, Political Science, has been selected for the Kyungpook National University Visiting Scholar Program in Daegu, Korea, this summer. ☑
Many employees in UH Hilo departments of facilities planning, auxiliary services, health and safety, security, and campus technology have collectively worked together on projects targeted to improve the safety and security of students, staff, and the public who frequent campus and the properties owned by the University. Perhaps the most observable improvement is the new traffic light on Kawili Street at the main entrance to the University. The installation of the light involved widening Kawili Street to accommodate the turning lanes into the University from both directions.

“The new traffic light has vastly increased the safety of motor vehicle drivers, bicyclists, and pedestrians,” noted Dr. Debra Fitzsimons, vice chancellor of administrative affairs. “The extra lanes provide avenues of formal ingress and egress that alleviate traffic backup on campus, as well as from both directions on Kawili.”

Fire alarm upgrades began in October 2008 and were completed in August 2009. These new systems are monitored by Campus Security via radio signals that are transmitted to the monitors in the event an alarm is triggered. Ken Ikeda, UH Hilo’s environmental health and safety officer, said that “based on the requirements of the NFPA fire code, we were not required to make these improvements; rather, we did this to offer an additional level of safety and bring all of our buildings up to the standard that we were using on the newest buildings that had existing systems.” Ikeda was also instrumental in the acquisition of seven AED (automated external defibrillator) machines, six of which are installed at various locations around campus, and one designated to the Campus Security emergency response vehicle.

At the same time the new fire alarm systems were being installed, Lo-Li Chih, director of facilities, planning and construction, was managing a major exterior light improvement project.

“Thirty-two new night and curfew lights have been installed in previously dark areas and parking lots, making the campus much safer at night,” said Chih. Burned out bulbs were replaced, and building and area lights were assessed to ensure ample lighting coverage.

Kolin Kettleson, director of auxiliary services, explained that “the lighting system is now connected to a central computer, which allows authorized personnel to go online during the night to see the current status of the lights and to easily make adjustments to the length of time lights will be lit.” The University staff thanks Wesley Tanoue of the Office of Technology for his work in configuring the program and electronics that make the computerized light system an efficient success.

There are currently 14 existing Emergency Call Boxes installed at strategic locations throughout campus, 10 of which are configured with blue lights and the remaining four will have blue lights by the end of this year. Warren Ferreira, UH Hilo’s first director of security, assessed security measures in place on campus and successfully secured allocations to purchase 14 additional blue light emergency Call Box stations, as well as additional security cameras to enhance the existing CCTV system.

“The CCTV Planning Group is in the process of evaluating the entire system and will be making a determination of what we want to keep, what we might need to change, and what needs to be added to make the system more effective and comprehensive with the goals of safety and security in mind,” Ferreira said.

“We are proud of the safety and security improvements being made on campus, but we have more work to do such as upgrading our older buildings, ensuring our parking lots are well lit at night, knowing we can handle emergencies responsibly, and providing high quality security services,” Fitzsimons explained. “Despite limited resources from the legislature, we are committed to providing a safe and healthy environment for our students, faculty, staff and guests through wise resource management.”
PACRC opens new dolphin and whale facility

UH Hilo’s Pacific Aquaculture and Coastal Resources Center (PACRC) recently welcomed the newest addition to its coastal site in Keaukaha with February’s grand opening of the Hawai’i Cetacean Rehabilitation Facility (HCRF). The facility is a collaborative effort between UH Hilo and the National Oceanic and Atmospheric Administration’s (NOAA) Pacific Islands Regional Office (PIRO).

HCRF is the only operation of its kind in Hawai’i and the Pacific region dedicated to the humane care and treatment of sick, injured and out-of-habitat whales and dolphins. The facility is expected to attract Systemwide, Statewide, regional, national and international attention to UH Hilo with marine mammal scientists throughout the world collaborating with HCRF to provide educational, research, outreach and volunteer opportunities for UH Hilo faculty, students and the surrounding community.

“I can think of no better place in the State to locate this facility than here at the Pacific Aquaculture and Coastal Resources Center, where we have some of the best marine and aquaculture research and education in the Pacific region taking place,” said Chancellor Rose Tseng.

The facility includes office space, a food-prep kitchen, and a 25,000 gallon salt water pool capable of housing 1-2 dolphins or small whales. Although HCRF was developed through an initial $100,000 grant from NOAA Fisheries, the cetacean facility will largely depend on volunteers and monetary donations for animal feed and care, which run about $350 a day.

“This is a volunteer-based effort, as much of the work will be done by the more than 100 volunteers in the Hilo Marine Mammal Response Network (HMMRN) comprised of UH Hilo students and community members,” said HCRF Director Dr. Jason Turner.

In addition to caring for the sick and injured animals, the HCRF and NOAA Fisheries will educate and involve the local community in protecting and preserving Hawai’i’s marine mammals, with special emphasis on the large number of whales and dolphins that strand themselves ashore each year.

Other partners in the HCRF project include PACRC, NOAA Pacific Fisheries Pacific Islands Region, State of Hawai’i Division of Aquatic Resources (DAR), U.S. Coast Guard, Hawai’i Pacific University, Dolphin Quest and Cascadia Research Collective.

UH Hilo OWL now available!

Students registered for distance learning classes this spring semester will now have access to writing tutorial assistance through the UH Hilo On-line Writing Lab (OWL) through Friday, May 7, 2010.

Christine Hendrix, OWL tutor, will assist students with a range of writing tasks: topic identification and development, organization, format, documentation and research, and style.

Students request tutor assistance through e-mail, attach their document, and submit their request electronically. The OWL tutor will answer student questions or provide comments and suggestions to student drafts no later than 72 hours from student submission.

Support for the UH Hilo OWL comes from the UH Hilo Writing Center, Kilohana, and CCECS programs. Students who use the OWL will be invited to participate in an on-line survey to help demonstrate whether there is a continuing need for this service.

Call Karla Hayashi at x47545 with any questions.

UH Hilo study seeks long-term cancer survivors

UH Hilo is seeking long-term cancer survivors on the Big Island for a research study on the quality of life.

The study, conducted by Dr. Cheryl Ramos, associate professor of psychology at UH Hilo, who is a long-term cancer survivor, will examine cultural factors, stressors, coping resources and health conditions that may relate to the quality of life for long-term cancer survivors.

Ramos is seeking 200 long-term cancer survivors from the Big Island to complete a series of questionnaires. Participants will receive a $10 KTA gift certificate as a “thank you” for taking part in the project. If you have survived cancer for five years or longer, are 18 years of age or older, and live on the Big Island, you may be eligible to participate in this study.

For more information or to participate, contact Ramos at 936-1323 or survivor_study@yahoo.com.
# Campus Events

## April

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Details</th>
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| 1    | Priority deadline to apply for Summer & Fall 2010 graduation  
      | “I” removal deadline: student to instructor  
      | Last day to apply for credit-by-exam for spring  
      | Graduate thesis/dissertation to committee deadline |
| 1, 2, 3 | *Seussical*, 7:30 p.m., PAC, Admission |
| 2    | Holiday: Good Friday |
| 7    | *Focus on UH Hilo*, 8 p.m., Channel 55 |
| 9, 10 | *Seussical*, 7:30 p.m., PAC, Admission |
| 11   | *Seussical*, 2 p.m., PAC, Admission |
| 15   | “I” removal deadline: instructor to the Office of the Registrar  
      | Last day to submit credit-by-exam results to Office of the Registrar |
| 16   | Graduate thesis defense/dissertation deadline  
      | CAFNRM Fair Day, 10 a.m., CAFNRM breezeway |
| 16, 17 | *Seussical*, 7:30 p.m., PAC, Admission  
      | *Seussical*, 2 p.m., PAC, Admission |
| 21   | *Focus on UH Hilo*, 8 p.m., Channel 55 |
| 30   | Graduate thesis/dissertation to Library and Office of the Registrar deadline |