

Ka Lono **Hanakahiki**

"News of People Working Together"

UNIVERSITY OF HAWAII AT HILO

VOLUME 20, NO. 3, NOVEMBER 2004

Regents approve UH Hilo College of Pharmacy, Ph.D. program for Hawaiian language

by John Burnett

The University of Hawai'i Board of Regents gave its approval last month to a proposed College of Pharmacy at the University of Hawai'i at Hilo. The Board also approved the recruitment of a dean for the College.

The College will offer a Doctor of Pharmacy (Pharm.D.) degree, the single entry professional degree for licensure as a pharmacist. It is scheduled to open its doors in Fall 2007 and admit 66 students annually. The first graduating class will be in May 2011.

Students will attend the UH Hilo campus for the first two years of their four-year professional program. The final two years will be a series of clinical experiences practicum, with 48 students assigned to Honolulu, and six each in Hilo, Kaua'i and Maui. Students seeking admission must have completed a minimum of two years of specified pre-professional education at an accredited college or university.

"We owe the Regents our gratitude for their wise decision to approve a College of Pharmacy at UH Hilo," said Chancellor Rose Tseng. "We are excited and proud to be given the opportunity to establish a school that will fulfill such a fundamental need in our community, our State and beyond, as well as provide meaningful and lucrative careers to some of our best and brightest people.

"A big Mahalo also goes out to our community members for giving us their much appreciated support," she added. "UH Hilo would not be where it is today without them."

The College will be staffed by 35 full-time faculty: 18 in Hilo; 13 in Honolulu; and two each on Kaua'i and Maui.

The required facilities include a new 35,000-square-foot academic

SPOTLIGHT

Jarvi works to take bite from mosquito-borne diseases

by John Burnett



Susan Jarvi

Dr. Susan Jarvi's current research is for the birds -- literally. The conservation geneticist and assistant professor of biology at UH Hilo is doing exciting research on avian malaria and the West Nile virus as well as helping

the Maui Bird Conservation Center in their effort to save the po'ouli, the most critically endangered of the remaining species of Hawaiian honeycreepers.

"As one of 10 co-investigators working on a biocomplexity grant, the main focus of my research is on host-parasite co-evolution," Jarvi said. "What we're trying to evaluate by studying the genes of these birds and of the parasites is if there are particular genes or alleles of genes that are important in resistance to malaria or avian pox. We're running a variety of molecular tests to try to detect genetic variation associated with survival of some of these birds to introduced diseases."

Jarvi and her student researchers have recently completed the first trial of an avian malaria vaccine study and are gearing up for the second trial.

"We finished the first trial about a month ago,"

Regents

Continued from page 1

building on the UH Hilo campus and leased instructional and office facilities. Construction costs of \$25 million would come from federal funds and private sources, including pharmaceutical companies.

The proposed annual operating budget is \$6.4 million. The school will require \$6.8 million in government subsidies in the first five years, to be split nearly evenly between state and federal funding, but none after that according to Project Director Dr. Jerry Johnson.

"An overwhelming number of professionals including pharmacists, hospital administrators, insurance company administrators and pharmaceutical industry representatives have come forward to demonstrate the need for and voice their support for a College of Pharmacy in the State of Hawai'i," Johnson said. "Hawai'i already needs 45 new pharmacists every year just to fill open positions and replace professionals who are retiring.

"As the population of the State continues to age, especially with the 'Baby Boom' generation, that need will increase considerably."

Proposed tuition for 2007 will be \$12,979 for Hawai'i residents and \$24,120 for nonresidents. Johnson said that about 70 percent of the college's students will be from the State of Hawai'i.

"Currently, students who want to pursue a degree in pharmacy must leave Hawai'i to do so," Johnson noted. "Mainland schools often have eight to 12 applicants for each opening and out-of-state students find it increasingly difficult to gain admission to those schools."

Pharmacists in Hawai'i earn about \$85,000 a year and pharmacists on the mainland often earn \$100,000, according to Johnson. One national study is predicting a shortage of 157,000 pharmacists by the year 2020.

"We know there will be more than enough qualified applicants for a College of Pharmacy in Hilo," Johnson said. "The Regents have recognized that establishing the school here is the best way to start meeting our already critical and still growing need for pharmacists in Hawai'i."

In other Board action, the establishment of an integrated



Johnson addresses questions regarding the proposed College of Pharmacy.

program to provide a Doctorate in Hawaiian and Indigenous Language and Culture Revitalization, a Certificate in Indigenous Language and Culture Revitalization, and a Master of Arts in Indigenous Language and Culture Revitalization at UH Hilo was approved. The approval enhances the existing post-baccalaureate programs of Ka Haka 'Ula O Ke'elikolani College of Hawaiian Language and the Hawaiian language-focused bachelor of arts in Hawaiian Studies with its preschool through grade 12 Hawaiian language medium laboratory school program. These existing programs are the leading programs in indigenous language and culture revitalization in the United States.

(Editor's note: John Burnett is a public information officer.)

UH Hilo professor receives prestigious translation award

by John Burnett



Lawrence Rogers

Dr. Lawrence Rogers, professor of Japanese and chair of the Languages Department at UH Hilo, has been awarded the 2004 Japan-U.S. Friendship Commission Prize for the Translation of Japanese Literature by the Donald Keene Center of Japanese Culture at Columbia University.

Rogers is being honored for *Tokyo Stories: A Literary Stroll*, a translated anthology of short stories by Japanese writers about Tokyo spanning most of the 20th century. Rogers' book-length translation was published by the University of California Press.

A native of Oakland, California, Rogers studied Korean language and worked in U.S. Air Force intelligence in Korea. After his discharge, he went to Tokyo to study Japanese. Rogers received his B.A., M.A. and Ph.D. in Japanese language and literature from the University of California at Berkeley. His translation of Agawa Hiroyuki's war novel *Citadel in Spring* appeared in 1990. *Tokyo Stories: A Literary Stroll* was published in 2002.

"I'm delighted to receive the translation award from the Keene Center," said Rogers, who has been on faculty at UH Hilo since 1976. "Donald Keene is the foremost interpreter of Japanese culture to the West, so I'm honored to have my book receive this recognition from his center."

"The Keene Center award is an honor bestowed only to the best of the best in the translation of Japanese literature," UH Hilo Chancellor Rose Tseng noted. "This is an incredible accomplishment for Professor Rogers and validation of his scholarship as well as the first-rate status of the faculty at the University of Hawai'i at Hilo."

Hawai'i environmental internships: providing opportunities to explore science

by Carmen Perez-Frayne

Memorial Day 2004 marked the first day of the Summer Science Internship Program at UH Hilo. This summer, 36 undergraduate interns participated in the UH Hawaiian Internship Program (UH-HIP) and the NSF-funded Research Experience for Undergraduates (REU) and Keaholoa STEM programs.

The program kicked-off with a week-long orientation program with interns from across the state gathering in Hilo. The week provided interns the opportunity to learn about conservation issues in Hawai'i, scientific research methods through hands-on activities, and keys for success for their internships. After the first week, the interns dispersed to their respective internships to begin a nine-week internship with UH Hilo, UH Manoa and other partner host agency researchers and programs. Those UH-HIP interns located near UH Hilo campus joined Keaholoa and REU interns in weekly meetings, lectures and field trips focused on exploring the issues, techniques used and ecosystems of Hawai'i's diverse environment. All interns completed project proposals, worked with agencies on a directed project or program, submitted progress reports during the summer, completed a final project report and gave a final presentation.


The Summer Science Internship Program and its collaborating partners work to increase and strengthen the involvement of underrepresented minorities in science and conservation biology with a significant part of the effort focused on local interns, especially those of Native Hawaiian ancestry. Through this program, we hope to strengthen our State's efforts in protecting and managing our natural resources by connecting researchers and partner agencies to young people, many who are members of local communities, as part of our effort to train our next generation of scientists.

This summer program was a joint effort of many programs:

- **UH-HIP:** This year marked the 8th year for UH-HIP. With this past summer's group, the program has connected 88 undergraduates with over 115 internships and its impact is being felt in the environmental sector: over 65% of the programs' graduated interns have joined Hawai'i's conservation work force. This was the second year that past interns are serving as mentors to the next wave of environmental leaders.
- **REU:** This was the third year that UH Hilo's NSF-funded Research Experience for Undergraduates (REU) in Tropical Conservation Biology has joined the summer program. This program has provided 30 undergraduates the opportunity to work on individual research projects with UH Hilo faculty and partner agency researchers. REU has sought to bring interns from both a national and local audience together to study Hawai'i's environment and gain valuable first-hand research experience.

- **Keaholoa STEM:** The UH Hilo Keaholoa STEM program joined internship efforts last year. The overall goal of this NSF-funded program is to increase enrollment and graduation rates of Native Hawaiian students at UH Hilo in mathematics and science disciplines, and increase familiarity and the use of related technology. As part of that effort, the program offers paid research internships during the semester and summer to provide hands-on experiences with science.

Along with these many programmatic collaborations comes the many funding partners: UH EPSCoR; UH Hilo Pacific Aquaculture and Coastal Resources Center (PACRC); Kamehameha Schools; USGS Biological Resources Division Pacific Island Ecosystems Research Center (PIERC); the USDA Forest Service Institute of Pacific Island Forestry; the Nature Conservancy; the Hawai'i Conservation Alliance and the many agencies who host interns each summer.

(Editor's note: Carmen Perez-Frayne is an education program specialist, Pacific Aquaculture and Coastal Resource Center.) 



R.E.U. intern Liezel Barraca (Whitman College, WA) and UH-HIP interns Mililani Browning (UH Hilo) and Anya Tagawa (UH Hilo) work together to identify plant species at Hawai'i Volcanoes National Park."

Okabayashi named Employee of the Quarter

by John Burnett



Raymond Okabayashi

When it comes to making UH Hilo look good, for the past 27 years nobody has done it better than Raymond Okabayashi. Hired as a janitor in 1979, he transferred to the Auxiliary Services ground crew in 1989, where he has served as a tractor mower operator ever since.

Whether he's mowing grass on campus or picking up fallen branches or rubbish in the parking lots, Okabayashi always does it with a smile, making sure that UH Hilo presents the desired impressions of both beauty and aloha.

For his efforts, Okabayashi has been named the Administrative Affairs Employee of the Quarter.

"Ray is a terrific worker and a heck of a nice guy," wrote a UH Hilo staffer who nominated Okabayashi for the award. "In addition to his regular job, Ray performs maintenance and minor repairs on the riding mowers, saving the University hundreds of dollars yearly. He also helps out on all the major logistical assignments, helping to move office furniture and contents, helping to set up for graduation and countless other tasks.

"Even when he is done with his regular shift, Ray always accepts overtime weekend assignments to clean up after Athletic games, Theatre performances, student activities, etc. And Ray consistently also shows up and volunteers at community service days like Make-A-Difference Day and Good Neighbor Day."

For Okabayashi, the recognition couldn't come at a more opportune time. A single father, he is retiring at the end of December to spend more time with his daughter, Nalani, 17, and his two sons, Scott, 12, and Cody Ray, 10.

"I'm going to do things with the kids, work around the house and just enjoy life and stay young," Okabayashi said. "I love my job, so I feel both happy and sad about retiring. But it is nice being recognized. I want to thank (Auxiliary Services Officer) Kolin Kettleon and (Janitor Supervisor) Alan Sugiura and everybody I work with. "I work with some great people, the grounds crew, who are my good friends, and the faculty, staff and students at UH Hilo. I will miss everyone."

Okabayashi's nominator concluded by calling him "a great ambassador for UH Hilo," affirming what those who encounter his smiling face and friendly demeanor daily already know.

On the UH Hilo campus, everybody loves Raymond. ☺

Mauna Loa update presented

The Center for the Study of Active Volcanoes at UH Hilo is hosting an educational workshop concerning the status of Mauna Loa on Saturday, November 6, from 9:00 am to noon, at the Cooper Center in Volcano Village. The workshop will also discuss how to prepare for hazards that may occur in association with Mauna Loa's re-awakening.

Scientists Jim Kauahikaua, Frank Trusdell, and Paul Okubo from the U.S. Geological Survey's Hawaiian Volcano Observatory will give brief presentations about Mauna Loa and recent developments in tracking future Mauna Loa flows and what to expect from the next Mauna Loa eruption.

The last two eruptions of Mauna Loa were in 1975 and 1984. Both eruptions were preceded by large earthquakes (a magnitude 5.6 event seven months before the 1975 eruption and a 6.6 event four months before the 1984 eruption) that significantly affected the Volcano and golf course areas.

"Although there is no way we can be certain that the current swelling of Mauna Loa will cause a large earthquake, we can offer a number of suggestions on the many ways to mitigate earthquake damage to your home," said Darcy Bevens, CSAV educational specialist. "The workshop will include a presentation by structural engineer Afaq Sarwar on how to retrofit your house to lessen the shearing effects of a large earthquake. In addition, presentations will be offered on a number of ways to secure interior furnishings against earthquake shaking."

Educational and hands-on displays will be set up on the Cooper Center lanai, including a professional seismograph, emergency supply kit, and free literature to take home.

For more information, call the CSAV office at x47631. A smaller page describing earthquake mitigation is found at www.uhh.hawaii.edu/~nat_haz/earthmit/eq.html. ☺

College of Business/Alumni and Student Service to highlight November Focus on UH Hilo

Updates on the new College of Business and Economics, alumni activities and student service initiatives will be discussed on November's *Focus on UH Hilo*. The program is hosted by Chancellor Rose Tseng, and airs Wednesday evenings from 8:00 to 8:30 p.m. on Channel 55.

Dr. Marcia Sakai, dean of the College of Business and Economics (CoBE), and Derek Kurisu, a member of the school's Business and Industry Council (BIC), will appear on the November 3rd telecast. Topics of discussion will include an update on the newly established College and its accreditation process, and the role of the BIC.

Yu Yok Pearring, director of Marketing and Alumni and Service Learning and Orientation Coordinator Timothy Kane will appear on the November 17th telecast. They'll discuss the latest developments and upcoming events for the Alumni and Friends Association and preview various service learning projects planned for the current academic year. 📍

wild are captured and that at least one is a female!"

Part of the effort to save the po'ouli is determining species' susceptibility to diseases, including avian malaria.

"We know that amongst the honeycreepers that we've been able to evaluate so far, some of the species are extremely susceptible to avian malaria and other species are apparently able to survive," Jarvi noted. "For example, based on experimental data, the i'iwi, which is a little red honeycreeper, is extremely susceptible. One bite of an infected mosquito will kill 90 percent of those tested, whereas 'amakihi, which is a little green bird, seems to be evolving more resistance to this disease. In the last year or so, the crews working on a biocomplexity grant, which I'm a part of, have discovered fairly large populations of 'amakihi at fairly low elevations that have extremely high rates of infection. So these low elevation populations are actually in the process of evolving resistance to avian malaria. The i'iwi is only able to survive at high elevations where there are no mosquitoes.

"As far as the susceptibility of the po'ouli, I don't think anybody really knows," she added. "There hasn't been enough study on it and there haven't been enough birds to study. So I think it's highly likely that the po'ouli is susceptible to malaria, but I don't really know. I don't think there is any data out there."

Jarvi is also part of the massive effort by State officials to keep the West Nile virus out of Hawai'i. A scientist from the U.S. Geological Survey Biological Resources Division studying the susceptibility of Hawaiian honeycreepers to the West Nile virus asked Jarvi if she would be interested in doing eventual studies on the nene. She then took part in a panel discussion with David Watamull, president and CEO of Hawai'i Biotech, who mentioned that he had a vaccine for West Nile virus. Jarvi will likely take part in immunological pre-trials of the vaccine in native birds.

"They have a protein-based vaccine all ready to go," she said. "But testing is still in the preliminary stage. We'll have to get all the permit approvals before doing any experiments (on nene), but, if approved, what we can do fairly quickly is to test their vaccine by injecting it into some native Hawaiian honeycreepers -- probably 'amakihi -- and then collect blood samples. You can obtain a lot of information from blood samples, as far as the development of protective immunity and how the virus is behaving."

State health and wildlife officials got at least a temporary reprieve recently when it was found that a dead sparrow found at the Kahului Airport on Maui was negative for West Nile virus. Unlike avian malaria, West Nile does affect humans, although birds cannot transmit the virus to humans. Transmission to both birds and humans is done through infected mosquitoes. Jarvi said that the vaccine research has long-term implications.

"I think we can do our best to keep the virus out, which is what they're doing right now," Jarvi said. "But it's probably just a matter of time before we see it in Hawai'i."

(Editor's note: John Burnett is a public information officer.) 📍

Spotlight

Continued from page 1

Jarvi explained. "We're taking mosquitoes that are infected with the organism that causes this disease -- which is an avian malaria that doesn't affect humans -- and irradiate them. Then, you let the mosquito bite a bird under experimental conditions. The irradiation should attenuate the parasite, or not allow the parasite to reproduce in the bird host. Hopefully, what we're doing is producing an immune response in the bird. It's a classic approach to evaluating protective immunity in organisms.

Ornithologists at the Maui Bird Conservation Center have captured one of only three known remaining po'ouli -- a Hawaiian honeycreeper species endemic to the Valley Isle. Scientists there sent samples of the bird's blood to only two laboratories (Jarvi lab and a lab in San Diego) to determine the bird's gender through polymerase chain reaction (PCR) sexing and DNA sequencing.

"We ran molecular tests to try to determine the sex of the bird," Jarvi said. "Based on our results, the po'ouli in captivity is a male. We only hope that the two remaining birds in the

Hats off to...



Kay Daub

Jennifer Richardson, Assistant Professor of English, had "Phenomenon on Trial: Reading Rhetorics at Texas Beef V. Oprah Winfrey" accepted for the forthcoming anthology "I'm Every Woman: The Phenomenon of Oprah," Eds. Elwood Watson and Jennifer Harris. Also, "Burn the Witch! Rhetorics and the Rhetorics Domestic Diva Defendant" was accepted for the Conference on College Composition and Communication, to be held in San Francisco, CA next March.



Jean Ippolito

Catherine Becker, Associate Professor of Communication, has been asked to be a reviewer for the Journal of Contemporary Ethnography.

Jean Ippolito, Assistant Professor of Art, had her paper "A New Media Exploration: The Conceptual Work of Masaki Fujihata" accepted for presentation at the 2005 Hawai'i International Conference on the Arts and Humanities in January on O'ahu. She was also selected to chair the art history session of the conference.



Kenith Simmons

Kay Daub, Associate Professor in Nursing, recently received certification as a transcultural nursing specialist. She completed the required post master's course work and presented her research experience in transcultural nursing prior to taking an oral and written exam in Detroit in May.



Yoshitaka Miike

Kenith Simmons, Professor of English, will have her poem "Metta Practice" appear in this fall's Insight Journal.

Yoshitaka Miike, Assistant Professor of Communication, presented "Spirituality, Humanity, and Global Communication: Five Themes of Asiaticity" and "How Chinese Are They?: A Textual Analysis of Fortune Cookie Sayings," at the 90th annual meeting of the National Communication Association in Chicago, IL this month. He was also recognized as the recipient of the 2004 NCA Distinguished Scholarship Award from the International and Intercultural Communication Division for the best article published in 2003. Founded in 1914, NCA is the largest and oldest organization to promote communication scholarship and education in the U.S. This award is one of the highest academic honors in the intercultural field.



Harald Barkhoff

Harald Barkhoff, Assistant Professor of HPE, received an invitation from the German National Artistic Roller Skating Federation to serve as the sport psychologist and scientific consultant of the German National Team during the World Artistic Roller Skating Championships in Fresno, CA this month. For the past several years, Barkhoff worked with the German National Team, including the current female world champion and the male runner-up of 2003.



Judith Gersting

Mark Panek, Assistant Professor of English, had his book, *Gaijin Yokozuna: A Biography of Chad Rowan*, accepted by the UH Press Editorial Board. The book will be released early next fall; an excerpt from the book will appear in this month's Manoa.



Catherine Becker

Jonathan Dresner, Assistant Professor of History, was named an assistant editor of the History News Network (<http://hnn.us>) on-line weekly where he previously published several pieces of history-based news analysis.



Michael West

Judith Gersting, Professor of Computer Science, attended the Sixth Workshop on Education in Computer Security at the Naval Postgraduate

Hats off - continued on page 7.

Hats off

Continued from page 6



Darryl Mleynek

School in Monterey, CA in July. It was sponsored by the Naval Postgraduate School's Center for Information System Security Studies and Research.

Michael West, Professor of Astronomy, was recently awarded observing time with the Hubble Space Telescope for the project "The Ghosts of Galaxies: Tidal Debris and the Formation of Clusters." He also co-authored three research papers based on Hubble observations with an international team of collaborators: "The ACS Virgo Cluster Survey. I. Introduction to the Survey," "The ACS Virgo Cluster Survey. II. Data Reduction Procedures," and "The ACS Virgo Cluster Survey. III. Chandra and Hubble Space Telescope Observations of Low-Mass X-Ray Binaries and Globular Clusters in M87." There were all published in the *Astrophysical Journal*.

Darryl Mleynek, State Director, Small Business Development Center Network, and the Hawai'i SBDCN team received an \$800,000 grant from the U.S. Department of Housing & Urban Development's Alaska Native/Native Hawaiian Institutions Assisting Communities Program. The grant will be used to design, establish and run small businesses.

Christopher Reichl, Associate Professor of Anthropology, had a book review on *New Worlds, New Lives: Globalization and People of Japanese Descent in the Americas and from Latin America in Japan* published in *American Ethnologist*.

Ahiena Kanahale, Office of Mauna Kea Management, has joined the Mauna Kea ranger corps. He will assist in providing on-site monitoring of all activities on the summit, share information on Mauna Kea's uniqueness with



Jerry Calton

visitors, and look after the health and safety of the general public.

Seri Luangphinit, Assistant Professor of English, was invited to present a talk on multicultural pedagogy at Brigham Young University at La'ie last month. The longer research version of the paper, "Your Place or Mine? The Insider/Outsider Classroom Debate in Hawai'i," will appear in next summer's *Transformations: The Journal of Inclusive Scholarship and Pedagogy*.

Richard Crowe, Professor of Astronomy, was featured in the April 2004 edition of the *Journal of the Royal Astronomical Society of Canada*. "A Moment with....Dr. Richard Crowe" covered his career highlights in Chile, Toronto, and Hawai'i, including current observing activities on Mauna Kea with UH Hilo students, and marked the inauguration of a new column featuring professional Canadian astronomers.

Jerry Calton, Professor of Management, this month presented a paper on "Social Contracting in a Pluralist Process of Moral Sense Making: A Dialogic Twist on the ISCT" at a conference sponsored by the Zicklin Center for Business Ethics Research at the Wharton School of Business, University of Pennsylvania, Philadelphia, PA. Calton is also serving as chair of the Research Committee of the Social Issues Division of the Academy of Management and as co-chair of the Local Arrangements Committee for the Academy of Management national meeting in Honolulu next August. This is the largest conference for management scholars, with over 7,000 participants expected to attend.



Ahiena Kanahale



Seri Luangphinit



Richard Crowe



William Mautz



Yumiko Ohara



Wayne Miyamoto

Hats off - continued on page 8.

Hats off

Continued from page 7



Todd Belt

William Mautz, Professor of Biology, and Michael Dohm, Lecturer in Biology, had “Respiratory and Behavioral Effects of Ozone on a Lizard and a Frog” accepted for publication in the journal *Comparative Biochemistry and Physiology*. “Effects of Ozone Exposure on Non-Specific Phagocytic Capacity of Pulmonary Macrophages from an Amphibian, *Bufo marinus*” will be published in the journal *Environmental Toxicology and Chemistry*. This article includes UH Hilo student co-authors Joy Andrade, Kapuaola Gellert, Loney Salas, Nicola Nicolaisen, and Nicole Fujie.

Yumiko Ohara, Assistant Professor of Japanese and Linguistics, has a chapter on “Prosody and context: An analysis of conversation in a workplace” included in an edited book recently published by Oxford University Press. *Japanese Language, Gender, and Ideology* is a collection of work by Japanese language and culture scholars and is a part of the Oxford Studies in Language and Gender Series.

Wayne Miyamoto, Professor of Art, received a grant from the Hawai‘i State Foundation on Culture and the Arts for the 2005 Pacific Rim International Print Exhibition, which opens in the UH Hilo Campus Center Gallery in January 2005. Internationally acclaimed American sculptor and printmaker Richard Hunt will be the juror for the exhibition. Miyamoto also served on the National Scholarship Selection Committee for graduate and undergraduate scholarships for the United States Achievement Academy, based in Lexington, KY.

Todd Belt, Assistant Professor of Political Science, moderated a Candidate’s Forum at the Palace Theater in Hilo in September. Participants included candidates from the Board of Education, Office of Hawaiian Affairs and State House. ☺

Ron Terry: Big Island environmentalist named to Mauna Kea Management Board

by Office of Mauna Kea Management



Ron Terry

Dr. Ron Terry, principal of Big Island environmental assessment and geographic information consulting firm of Geometric Associates, has joined the Mauna Kea Management Board. Terry replaces Heather Cole, who served two terms as a representative of the Hawai‘i Island environmental community on the seven-member board.

Terry moved to Hawai‘i nearly 30 years ago as an undergraduate student at UH Hilo. He studied geography under Professor Jim Juvik. “Mauna Kea was one of his obsessions and so it became for many of his Geography students,” Terry explains. “We would ascend and descend the mountain making air temperature and humidity observations, evaluating different plant communities, and measuring vegetation abundance on different substrates at varying elevations.”

During this time, Terry remembers spending several nights alone on Mauna Kea in an old bread truck converted into a mobile meteorology lab. “I had my sweater, blanket and a thermos of coffee,” he says of his youthful experience. “No radio, no phone, no way to get down that I knew of other than walk. In between weather measurements, I stared at the sky and knew that I had the best job on the island!”

Terry completed his bachelor’s degree at UH Hilo and went on to earn his Ph.D. at Louisiana State University. He returned to UH Hilo in 1987, accepting a post as professor of geography. Terry’s professional work again involved Mauna Kea, where he researched invasive plants such as gorse and banana poka. He got involved in environmental causes and issues, including palila habitat, military use of the Saddle Road, and problems that many associated with the observatories. “It occurred to me that Mauna Kea is not just a peak, but a piko, a connecting center, for all our experiences of life on the island of Hawai‘i.”

Twelve years ago, Terry left full-time teaching to start private consulting in environment impact analysis. He remains an affiliate professor and enthusiastic supporter of UH Hilo, he adds.

“It’s a great honor and a huge responsibility to be named to this Board,” Terry says. “Having a Master Plan and, especially, the Office of Mauna Kea Management is definitely a step in the right direction. It’s important that control be held here locally, where UH Hilo can be more responsive to this island community, rather than from a distance.” ☺

UH Hilo promotes research credentials at EPSCoR conference

by Ken Hupp

The University of Hawai'i at Hilo was prominently featured during the Hawai'i Experimental Program to Stimulate Competitive Research (EPSCoR) inaugural statewide conference held in September in Honolulu. The conference featured various speakers discussing the impacts of the EPSCoR program on research across the University of Hawai'i system and the broader implications on education and economic diversification throughout the State.

EPSCoR is a National Science Foundation (NSF) program that targets building research infrastructure improvement and increasing grant proposal writing to improve funding competitiveness of organizations in states that historically garner a less than equitable share of federal research and development funds. There are six other federal agencies with similar infrastructure building programs, each with its specific emphasis and mechanisms.

"The program has been a critical source of funding for research infrastructure," said Dr. Donald Price, co-project director. "Just within the past year, we've established laboratory facilities on campus in the areas of genetics, environmental/analytical sciences and Geographic Information Systems (G.I.S.) and remote sensing, which are currently being used by faculty, students and various government agencies."

Existing clientele include the U.S. Department of Agriculture, U.S. Forestry Service and the County Planning Department. One of the primary objectives will be to encourage more government and private agencies to utilize the facilities, which benefits the University in a number of ways.

"The fee that outside parties pay to use these facilities helps to underwrite other research initiatives that directly benefit our faculty and students," said Terrilani Chong, EPSCoR project administrator. "Perhaps more importantly, it creates opportunities to partner with these agencies in activities ranging from joint research projects to internships."

The EPSCoR conference gave participating faculty and students from UH Hilo, UH Manoa and the UH community colleges important exposure to government and business leaders who are beginning to fully appreciate the value of the work being done. The panel discussions on the impact of research infrastructure improvement on workforce development and some of the immediate impacts of EPSCoR indicate a much closer relationship could be in the offing.

"Much of our work has focused on education and research, but now we want to take the next logical step by expanding into workforce development," Chong said. "Businesses want to hire people from the community where they do business,

but they need to be educated, which is what we do. It's just a matter of matching the product with the need."

Price believes there is enormous untapped potential in science-related businesses, as evidenced by the success of initiatives like Hawai'i Biotech, the Oceanic Institute and the Natural Energy Laboratory of Hawai'i. And the growth of research activity EPSCoR is facilitating appears to be taking place at an opportune time. Hawai'i Biotech, for example, is seeking to develop a vaccine for the West Nile Virus, and could look to deal the University in as a partner.

"Here is a case where you have a business that may be in need of a researcher or specific laboratory facilities that we can provide them with," Price said. "I think this conference may have served as an important eye-opener that will stimulate further dialogue on how we can link businesses with scientific research."

Price believes the key to capitalizing on the new opportunities lies in maintaining the momentum generated by the conference. He's considering inviting business leaders to a mixer with faculty and researchers. The gathering could serve a dual purpose by showcasing the new research facilities, while providing a less formal setting for the parties to network and discuss their ideas.

"Formal settings are fine, once you've developed an idea and worked out the details," Price said. "But they can also curb creativity if people are pre-occupied by how their ideas will be received by others. Through our EPSCoR affiliation, we can host an informal get-together that will encourage more open dialogue, and ultimately produce the specifics we're looking for."

The conference also featured researchers and students who presented posters from selected projects and discussed their work. Fifteen of the 28 poster presentations were given by UH Hilo faculty and staff, illustrating the growing importance of research-related activities at the University.

Price believes most people understand the value of research in terms of its funding potential, the knowledge it yields and the notoriety such discoveries bring to the researcher and institution alike. But he notes research-related activities also provide important benefits to students, such as hands-on learning and publishing opportunities that are not so widely recognized. The EPSCoR conference provided the opportunity to drive that point home and make it clear that UH Hilo is becoming a major hub of research activity.

"We have a Research Corporation of the University of Hawai'i (RCUH) office on campus, a chancellor who encourages research funding and activity, and a great partnership with EPSCoR," Price said. "I think the entire state now recognizes that we're a serious player and that quality research is taking place at UH Hilo."

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

Edwin H. Mookini Library hosts second annual *Night in the Stacks* fund raiser

by Linda Marie Golian-Lui

To generate an understanding, interest and support in the services and resources that are available not only for our campus community, but for the alumni and community-at-large, the Edwin H. Mookini Library staff is hosting the second annual *Night in the Stacks 2004* fund raiser on Friday, November 19, from 5-8 PM.

This year's event is called *A Night in the Stacks 2004: Rounding Up Friends with Dr. William Bergin*. The Edwin H. Mookini Library staff extends a special invitation to the local community to attend this annual fun-filled fundraising event that is designed to bring together the administration, faculty, staff, alumni and students of UH Hilo and HawCC with caring members of the Hilo community.

The event is co-hosted by UH Hilo Chancellor Rose Tseng, HawCC Chancellor Rockne Freitas, and Mrs. Kiki Mookini, member of the Friends of the Edwin H. Mookini Library. *Night in the Stacks 2004* also has the support and assistance of several Honorary Chairpersons, including Dr. Elizabeth Buyers, Mrs. Alice Fujimoto, Dr. Stan Fortuna, and Mrs. Lillian Noda.

The goal of *Night in the Stacks 2004* is to raise \$10,000 to create an endowed book account in honor of the late chancellor, Dr. Edwin H. Mookini. Dr. Mookini strongly believed in the value of academic libraries, and was a driving force in the establishment of the second largest academic library in the UH System, named in his honor.

Night in the Stacks 2004 activities includes a presentation by local author Dr. William Bergin, who will discuss his book, *Loyal to the Land*. There will be opportunities to purchase copies of his book and have them autographed with a portion of the proceeds donated to the Friends of the Edwin H. Mookini Library Foundation.

Other activities include student hula demonstrations, country line dancing demonstrations, live keyboard music provided by student musicians, student art exhibits, behind-the-scene tours of the Edwin H. Mookini Library, heavy pupus and non-alcoholic refreshments, an opportunity to join the Friends of the Edwin H. Mookini Library, an opportunity to Adopt-A-Book in honor of a loved one or in celebration of a special event, presentation of the 2004 Friend of the Year Award, and an opportunity to purchase items from the Library's perpetual book sale.

The Friends of the Edwin H. Mookini Library will also be unveiling, and selling, a custom-made holiday ornament created by Ornaments to Remember. The ornament highlights a hand painted picture of the Edwin H. Mookini Library. A limited supply of 200 ornaments will be available for purchase.

This year Borders in Hilo is partnering with the Mookini Library. Borders will sell additional books and items associated with UH Hilo and HawCC faculty authors and artists at the fund raiser and donate 15% of all sales that night to the Friends of the Edwin H. Mookini Library Foundation. In addition, guests will receive a coupon for a special December 4th promotion at Borders supporting the Mookini Library, where purchases made with the coupon at Borders in Hilo on December 4th will generate an additional 15% donation of the total purchase to the Friends of the Edwin H. Mookini Library Foundation.

The festivities are free, with a suggested donation of \$25 per person. Attire for the event is aloha casual. Reservations are required. All donations are 100% tax-deductible. In addition, each \$25 tax-deductible contribution provides the donor with an opportunity to Adopt-A-Book in honor of a loved one or to commemorate a special occasion.

Please contact Ms. Myrtle Hara by November 12 at 974-7568 or mhara@hawaii.edu for reservations.

(Editor's note: Linda Marie Golian-Lui is university librarian.)



Last year's fund raiser highlighted Mike Sakamoto making poke and Dr. Jim Kelly being honored with the 2003 Friend of the Year Award.



Members of the Board of Regents were hosted on an informational tour of Mauna Kea by UH Hilo's Office of Mauna Kea Management (OMKM) and the UH Institute for Astronomy (IFA) following the BOR meeting on October 22. (L-R) Mauna Kea Management Board member Arthur Hoke, Regent's guest Mrs. Honeybun Haynes, Regent Ramon de la Pena, BOR Secretary David Iha, Regent Jim Haynes, Regent Trent Kakuda, Chancellor Rose Tseng, OMKM Director Bill Stormont, and IFA Director Rolf-Peter Kudritzki. (Not pictured, Regent Myron Yamasato)

Nominations sought for distinguished alumni and friend awards

The UH Hilo Alumni and Friends Association is seeking nominations for its 2005 Distinguished Alumni and Distinguished Service Awards. The deadline is December 15, 2004.

Each year the association awards one or more Distinguished Alumni and Distinguished Service Awards to individuals who have distinguished themselves in their careers or service to their communities. Nominees for this award must be a recipient of a degree from UH Hilo OR have completed 50% of his/her educational program with UH Hilo.

The Distinguished Alumni Awards are based on the nominee's professional accomplishments, and/or service to the community, and/or service to the University.

Simply send names of qualified individuals directly to the Marketing and Alumni Office at College Hall 9 or email: yuyok@hawaii.edu. Once the nomination committee makes the selection, the respective nominators will be contacted for more information.

The UH Hilo 2005 Distinguished Alumni and Service Award Banquet is set for Friday, February 18, 2005 at Restaurant Kaikodo at 5:30pm.

For information of previous UH Hilo Distinguished Alumni and Distinguished Service Awardees, please visit <http://www.uhh.hawaii.edu/~alumni/>.

Please contact Yu Yok Pearring at x 47501 with any questions. ☎

Ka Lono Hanakahi is published by the Office of University Relations on the first of the month during the academic year for the faculty and staff of the University of Hawai'i at Hilo. News and submissions are welcome. Deadlines are on the fifteenth of each month for the following first of the month publication. Contact Alyson Kakugawa-Leong, Director Media Relations, College Hall 9, (808) 974-7642 or email alyson@hawaii.edu. ☎



Campus Events

November

- | | | | |
|--------|---|----|---|
| 2 | Holiday: Election Day | 24 | Vulcan basketball vs. Carlton College, 7:15 p.m., Civic, Admission |
| 8 | "I" removal deadline: Instructor to Registrar's Office

Last day to apply for credit-by-exam for Fall | 25 | Holiday: Thanksgiving Day |
| 11 | Holiday: Veteran's Day | 26 | Non-instructional day

Vulcan basketball vs. Seattle Pacific, 7:30 p.m., Civic, Admission |
| 12, 13 | Vulcan volleyball vs. HPU, 7:15 p.m., New Gym, Admission | 27 | Vulcan basketball vs. Hillsdale, 7:30 p.m., Civic, Admission |
| 19 | <i>A Night in the Stacks 2004</i> fund raiser, 5 p.m., Library | 28 | Vulcan basketball vs. Shippensburg, 7:15 p.m., Civic, Admission |
| 22 | Last day to submit credit-by-exam results to Registrar's Office | | |