

THE LIGHT OF KNOWLEDGE

mālamalama

The magazine of the University of Hawai'i System

Volume 31 Number 1, January 2006



The lurking algae menace

Inside:

Music abroad

Extreme cruises

Disaster masters



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Editor

Cheryl Ernst

Art Director

Rowen Tabusa (BFA '79 Mānoa)

Photographer

Bob Chinn

Associate Editor

Tracy Matsushima (BA '90 Mānoa)

Online Editor

Jeela Ongley (BA '97 Mānoa)

Contributing Alumni Editor

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Alvin A. Tanaka

Jane B. Tatibouet

Myron A. Yamasato
(BBA '73 Mānoa)

Published three times a year by
External Affairs and University Relations,
University of Hawai'i

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808 956-8829 or
addressupdate@uhf.hawaii.edu

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Suggested donation \$10
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Aloha! During this year's systemwide convocation to recognize our faculty and staff for achievements in teaching, research and service, I had an opportunity to reflect on the state of the university. As you are one of the university's 200,000-strong group of alumni and friends, I want to share the essence of my reflections with you. The "Cliff's Notes" version of my assessment is this: UH is better off today than it was a year ago, and we can all be proud of that. Still, I'm not satisfied—and neither should any of us be.

Our strategic vision is sound. Our financial outlook is improved, and for the first time in several years we've received additional programmatic funding from the governor and the Legislature. We've made a commitment to quadruple financial aid to the neediest students over the next several years. Our research enterprise had another banner year, and giving is up at the University of Hawai'i Foundation. Our campuses are operating more efficiently. At Mānoa, Vice Chancellor Neal Smatresk found a way to offer 8 percent more sections last spring without additional funding, and administrators managed the crushing demand for housing with many fewer complaints this fall.

Recently, a leading citizen, an executive with several degrees who's worked and lived in Europe, North America and Asia, took several courses in the humanities here. He found UH students bright and our faculty second to none—as good as the best he's experienced at leading universities in the U.S. and Europe.

No doubt because of our quality (at a very reasonable price), our 10 campuses are bursting at the seams. Nearly 30,000 individuals take some form of noncredit coursework at UH every year in addition to the 50,000-plus students pursuing degrees. Under the regents' leadership, the university has embarked on several public/private partnership initiatives to expand our capacity, including renovation and expansion of student housing at Mānoa and a phased build out of the West O'ahu campus to nearly 3,000 students.

Facilities, students, faculty—these are the ingredients of the transformational educational experience UH has provided its graduates for nearly 100 years. As your president, it's my responsibility to sustain and improve all three. In the past year, with the help of the regents, the UH System leadership team, our chancellors and really the entire UH 'ohana, we've made some progress...but I'm not satisfied, and much remains to be done.

Mahalo nui loa for the opportunity to serve my professional home for the last 15 years.



A handwritten signature in black ink that reads "David McClain". The signature is written in a cursive, flowing style.

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On the cover: An alien seaweed nicknamed gorilla ogo is a real menace to Hawai'i's reefs, but a dedicated group of scientists and volunteers is fighting back. Story on page 13. Illustration by Kip Aoki





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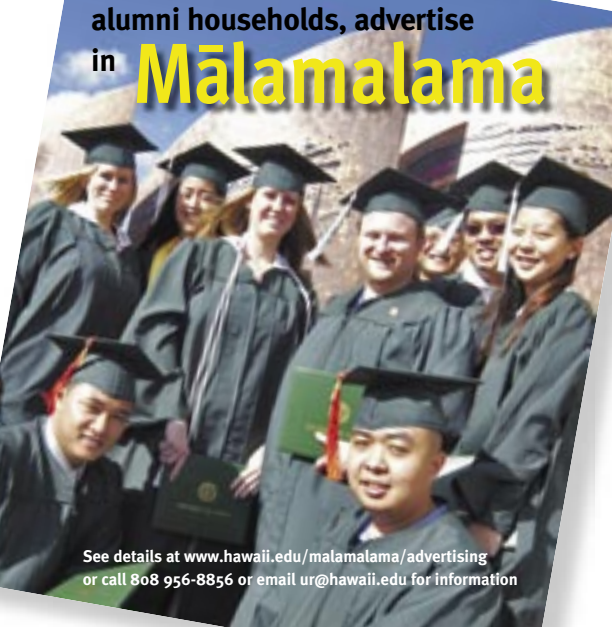
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Maui offers business as its first baccalaureate

In response to demand identified in a county-wide survey, Maui has begun offering a bachelor of applied science in applied business and information technology—the first four-year degree offered by a UH community college. The flexible ABIT program emphasizes small- to medium-sized business management, with a strong information technology component. It has been recognized as a candidate for accreditation by the Western Association of Schools and Colleges. For information, see <http://maui.hawaii.edu/abit/> or call 808 984-3500.



Honolulu campus unveils 9/11 memorial

Honolulu marked the fourth anniversary of the 9/11 terrorist attack by unveiling a memorial that includes a golf-ball sized piece of World Trade Center rubble donated by an anonymous New York resident via criminal justice Assistant Professor Bob Vericker, a retired New York-based FBI agent. The polished steel and plexiglass memorial, designed by sheet-metal instructor Danny Aiu and constructed by volunteers, stands near a piece of the Berlin Wall on the Dillingham campus. At the dedication, a small replica was presented to the parents of Honolulu alumna Christine Snyder, who was on United Flight 93, which crashed in a Pennsylvania field after passengers decided to thwart their hijackers.

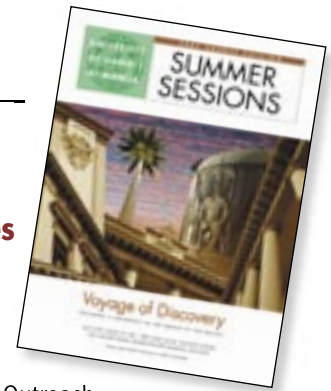
Guides address organics, drug prevention, Hawaiian culture

New UH resources are available in diverse areas:

- * For advice, calendars and background on organic farming, see www.ctahr.hawaii.edu/organic.
- * For practical things adults can do to help preteens resist unhealthy choices, see *Keeping Children Drug Free: A Prevention Guide for Hawai'i's Keiki Ages 8–11*. Download it at www.uhfamily.hawaii.edu or call 808 956-4133 to request a copy.
- * To learn about Hawaiian thoughts, values and behavior in traditional and contemporary contexts, explore the Ka Wana series. The first three volumes, on educational traditions, pono (righteous) ways of living, traditional ways of making things right, will be available in fall 2005. Future volumes will focus on gender roles, health concepts, hospitality, leadership, spirituality, speech making and other topics. Watch www.hawaii.edu/crdg, call 808 956-4969 or email crdg@hawaii.edu for information.

Recent headlines

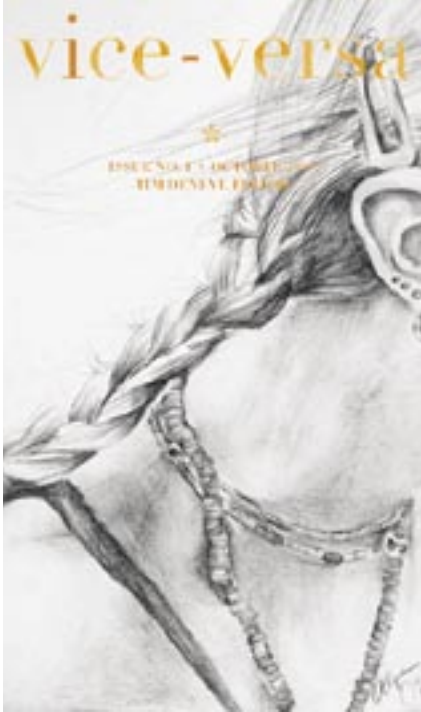
- * The Western Association of Summer Session Administrators awarded Mānoa's Outreach College the Best Catalog–Newspaper Format award for its 2005 catalog.
- * *Popular Science* named black hole expert Amy Barger one of its “Brilliant 10” young researchers. The 34-year old former Institute for Astronomy postdoctoral researcher splits her time between UH and the University of Wisconsin-Madison.
- * Mānoa Fiscal Officer John Awakuni was named the state's Employee of the Year for maintaining day-to-day operations on top of managing paperwork related to recovery from the Halloween 2004 flood that swamped Hamilton Library.
- * Standard and Poor's Ratings Services gave UH an A+ underlying rating for its \$163 million university revenue bonds, citing historically favorable financial performance.



John Awakuni



- * Princeton Review again named UH's William S. Richardson School of Law one of the nation's best law schools, ranking it second for best environment for minority students and fifth for most diverse faculty.
- * Gov. Linda Lingle released \$6.7 million to renovate Maui's 32-year-old Student Services Building and \$10 million to build and equip a one-stop center for administration and student services at Kaua'i.



E-zine launched

Mānoa's Department of English has launched a quarterly e-zine, edited by master's candidate in creative writing Tim Denevi under direction of staff managing editor Pat Matsueda. The premiere issue includes an article on the late Mahealani Dudoit, founder of the groundbreaking Hawaiian literary journal *Ōiwi*. See www.hawaii.edu/vice-versa.

New garden nurtures curriculum

It takes a coalition to raise a garden. In this case, Mānoa education faculty members Pauline Chinn and Jennifer Herring proposed a “curricular landscape” that would beautify college grounds and serve instruction in the sciences and Hawaiian studies. Architecture instructor Janet Gillmar's class created a landscape design. Freshman honors students provided labor. The campus Buildings and Grounds Management Office lent logistical support, and several individuals and organizations contributed indigenous and endemic plants and trees, including sweet potato, ti, taro, hala, coconut, sugarcane, milo, kou, kukui and 'ōhi'a. An Adopt-a-Landscape team pledges ongoing maintenance. The garden is located in the courtyard and ewa side of Wist Annex and Wist Hall. For information, contact Landscape Coordinator Nica Pyron at nica@hawaii.edu.

Energy Star dorm tests potential power savings

There's something different about one Hale Wainani apartment at Mānoa. It's not the posters, activities or inhabitants, it's an across-the-board commitment to energy efficiency. Lights are fitted with compact fluorescent bulbs. Appliances carry Energy Star efficiency ratings. Computers are set to enter sleep mode when not in use. Campus experts from the Center for Smart Building and Community Design are monitoring energy consumption for the test unit housed by real-life students. They anticipate an annual electrical saving of \$120—enough to power 85 O'ahu homes for a year if extended to dorms campus wide.

Rough starts, bright futures for motivated mom

Leslie Miner knows a lot about strong families. Against the odds, she built one. The 22-year-old single mother and son Ethan were named 2005 'Ohana of the Year by Hawai'i Child and Family Service, an award honoring families who make progress in the face of difficult challenges. Placed in foster care at 13, Miner remained in the system until she “aged out.” On her own with an infant, she ended up in a homeless shelter. There, she and Ethan began participating in Healthy Start, a home visitation program that promotes family health and development. Today, they live in a Waipahu apartment. She rises as early as 3:30 a.m. to study before heading to school and work with Ethan. A daily challenge is “being on the bus a lot,” she says, but she uses the long ride from Waipahu to focus on Ethan, reading or coloring or just playing and talking. Miner is studying to become a teacher. She takes pride in the A's and B's she consistently earns at Honolulu and Mānoa, but she is most focused on learning.



“I want to make sure I'm becoming educated,” she says. “I love to learn. It doesn't matter if it applies to my tests or my papers, I just want to know.”

Social work is another career option. “I had a lot of time to reflect on my past and talk about my experiences,” she explains. “I'd like to work with at-risk children, in counseling and guidance as well as teaching.” Whatever her career choice, she is determined to give her son a healthy, happy life. “I want Ethan to be strong in his identity,” she says. “I struggled for so long with my identity, and was easily influenced. I want him to be passionate about something, whether it be a sport or a hobby, to have strong values and to go to college. I want him to be educated.”

—Heidi Sakuma



Wai'anae academy graduates mariners

In less than two years, Leeward's Wai'anae Maritime Academy has provided 133 graduates with the skills they need to work in the maritime industry. The non-credit program was the culmination of a grassroots effort spearheaded by tugboat captain Paul "Kaipo" Pamaika'i and his wife Donna, who saw a natural match between the maritime industry's need for employees and community residents' need for jobs. Coast Guard Cmdr. (retired) Don Wiggins is an instructor in the program, and alumnus William Akama III serves as administrator. The course prepares students for tightened post-9/11 requirements for certification as merchant marines. Graduates hold positions as seamen and women, engineers, cruise line employees and other posts. For information, call 808 696-6378.

University partners with developers

UH has entered a new and entrepreneurial era in campus development, working with private developers to advance needed projects. The Board of Regents has approved selection of —

- * Hawai'i Campus Developers, an Atlanta-based partnership, to plan and build a Hawai'i Community College campus west of the current site in Hilo and its West Hawai'i Center mauka of the Keāhole airport in Kona.
- * West O'ahu Development LLC to develop the West O'ahu campus in Kapolei. Owner Hunt ELP is developing infrastructure and housing for the Navy on Ford Island.
- * Maryland-based Townsend Capital LLC to design and build new Cancer Research Center of Hawai'i research, office and outpatient facilities adjacent to the School of Medicine in Kaka'ako. The Townsend team includes firms involved in cancer center construction in Seattle, New York, Houston and San Diego. UH received \$10 million in federal funds for the center.
- * American Campus Communities to develop the first phase of new on-campus student housing at Mānoa—approximately 800 beds on the site of Frear and Johnson Halls and International Gateway House.

Going the distance in Hawai'i

Reaching out to the Big Island produced 10 new radiologic technicians and won Kapi'olani faculty medals denoting excellence in teaching from the Texas-based National Institute for Staff and Organizational Development. The two-year associate of science Radiologic Technology program combines classroom study with hands-on laboratory and supervised clinical experience, assessment and counseling support. Funded by a Rural Health grant and working in partnership with Hawai'i Community College, instructors delivered academic work to the Big Island via teleconference and Internet technologies and placed students in radiologic agencies and community hospitals in Hilo, Waimea and Kona for their clinical training. Project staff included, from left, site instructor Ernest Simien, training coordinator Lei Kapono, department head Sanae Moikeha, program director Harry Nakayama, clinical coordinator Jodi Nakaoka and counselor Russell Kinningham. For information about the program, call 808 734-9252 or visit <http://programs.kcc.hawaii.edu/health/>



Going the distance overseas

David Taniyama didn't let deployment to Iraq interrupt his studies. He took Honolulu Professor Douglas Madden's fall architectural, engineering and CAD technologies course via the Internet. Like classmates closer to home, he participated in discussions online, but Taniyama had a military educational services officer proctor his exams and packaged his model project for overseas shipping for grading. Unusual, perhaps, but not unique. Fellow Honolulu Professors Ronald Pine (philosophy) and Patrick Patterson (history) have had students complete online courses from all over the world, including Iraq, Europe and Asia, as well as the U.S. mainland. Now that's *distance* education.

Hands-on project helps community

Honolulu architectural drafting and carpentry students have turned an old Kalihi home into a resource center and caretaker's residence as part of a project to turn the 99-acre Kalihi Valley Park into an active, living cultural and learning center. The once gutted building will provide a gathering place for classes and programs at the park, which is believed to contain remnants of ancient agricultural terraces.



Moloka'i program trains archaeology aides

Twenty Moloka'i residents documented agricultural terraces and possible habitation and religious structures on their island last year while mastering the skills needed to work as archaeological field technicians. Participants in the innovative training program used global positioning and other mapping instruments and conducted surveys and test excavations in Wailau Valley and in the lower valley and along the western ridge above Kamalō stream. The two-year program was funded by the Moloka'i Rural Development Program in partnership with the Society for Moloka'i Archaeology, Maui's Moloka'i Education Center and Kamehameha Schools. Mānoa archaeology doctoral candidates Windy McElroy and Theresa Donham provided instruction. Participants have found work with the National Park Service and private consulting firms on Maui and Moloka'i.

Hawaiian bibliography honored

The American Library Association History Section named a work by Honolulu CC Lecturer Richard Lightner the outstanding book-length English language bibliography in the field of history for 2003–04. Lightner's *Hawaiian History: An Annotated Bibliography* contains 2,000 annotated entries for books, articles, dissertations, manuscripts and archival collections on the history and archaeology of Hawai'i, pre-Western contact to present. It is part of Greenwood Publishing Group's *Bibliographies of the States of the United States* series.

Vog-asthma link unclear in Big Island study

More than one-fourth of the 2,000 Big Island children participating in a three-year study of environmental exposures, symptoms and lung function reported having a doctor tell them they have asthma. But don't blame the vog. There's a stronger correlation between asthma and environmental tobacco smoke than with recent levels of volcanic air pollution. In fact, researchers found a higher prevalence of physician-diagnosed asthma on the windward side of the Big Island, the area that has the least vog, says Elizabeth Tam, a John A. Burns School of Medicine pulmonologist. Asthma rates appear to be higher in communities where there's smoking at the children's homes—a factor families can control more easily than the tons of sulfur dioxide that Kilauea volcano has pumped into the atmosphere daily since 1992–93, when these children were born. Tam will examine the role of molds, pollens, pets, nutrition and activity as possible triggers of respiratory disease in continued research funded by the National Institutes of Health and the American Lung Association of Hawai'i. So stay tuned.

Firm licensed to develop nanobiosensor

Hawai'i-based biotechnology firm BioXene has licensed a patent-pending biosensor technology from UH for commercial development. The nanobiosensor technology developed by Mānoa Professor of Molecular Biosciences and Bioengineering Wei Wen Su can be used to speedily detect biological agents, such as proteins, viruses, antibodies and toxic chemicals, in liquids. Potential applications include test kits that could replace current tests for infectious diseases such as flu and tuberculosis and bioterrorism threat agents such as anthrax spores.



Gregory Yamamoto/
Honolulu Advertiser

Technique could improve invitro fertilization success

Research at UH's Institute for Biogenesis Research indicates that removing the acrosome from sperm improves the success of fertilization by intracytoplasmic sperm injection, known as ICSI. The acrosome, a cap-like structure over the head of sperm, contains enzymes that help sperm penetrate an egg. Removing the acrosome prior to sperm injection increases the successful development of fertilized eggs. The research was done at IBR by Director Ryuzo Yanagimachi, who pioneered the ICSI fertilization technique in 1976, and Japanese obstetrician Kazuto Morozumi and published in a September issue of the *Proceedings of the National Academy of Sciences*.

Beware the banana moth

Its common name may be banana moth, but its voracious appetite is proving fatal to coconut and some popular loulou or Pritchardia palms on O'ahu and the Big Island. *Opogona sacchari* also has a taste for sugar cane buds, banana, pineapple, coffee and other plants. The damage is done by the larvae, which bore into the tissue, pupate and produce adult moths in as little as 45 days. Because plants under stress are more susceptible to attack, Mānoa plant protection scientists recommend keeping your palms well watered and fertilized and avoiding injury through herbicide use, excessive pruning or careless weed-whacking. Judicious use of an appropriate insecticide can help—contact your nearest Cooperative Extension Service office for advice. To learn more about the moth, select "Insect Pests" at www.ctahr.hawaii.edu/freepubs.



Numb3rs flocks to UH theorist

A Mānoa speech professor's theory of group dynamics appears in an unusual medium: the CBS show *Numb3rs* about an FBI agent who recruits his mathematical genius brother to help solve challenging crimes. The program is based on real FBI cases and legitimate theoretical constructs. When the FBI is baffled by how meth labs thwart government attempts to shut them down, the genius brother quotes Devan Rosen's emerging "Flock Theory."

According to Rosen, groups self-organized from the bottom up tend to be more self-directed, creative and imaginative, therefore more capable of weathering anticipated and unforeseen changes. "Watch a flock of birds flying, and you notice that they fly as individuals and at the same time as one," he says. "There is no lead bird, no captain or president, yet there is organization, communication, cooperation and shared direction." The same applies to musicians who create complex melodies while jamming. The dynamics that cause this efficient group behavior form the basis of Flock Theory.

As for the meth labs in *Numb3rs*—eliminate one bird from a flock or fish from a school and the rest learn, adjust and go on with their business. "The process is at once seemingly random and chaotic and at the same time beautifully coordinated and extremely efficient," Rosen says. "Think what we could do if task groups, companies or nations could operate like that. It's both amazing and hopeful." —Tom Yoneyama

Work in progress

Projects receiving recent research grants include

- * Kilo Nalu, a underwater ocean observing system to be built off Kaka'ako to understand the physical, chemical and biological processes at work where waves and currents interact with reefs and sand beds.
- * Testing of a vaccine for West Nile virus to see if it can prevent spread of the disease to nēnē, the endangered Hawaiian goose, with support from 'Aiea-based pharmaceutical firm Hawai'i Biotech, which received National Institutes of Health funds to develop vaccines for West Nile virus and dengue fever.
- * A "dashboard" project to develop a more comprehensive set of indicators for strategic planning related to the travel industry in Hawai'i, with start-up funds from the Hawai'i Hotel and Lodging Association matched by Mānoa and its School of Travel Industry Management.

Plant migration is factor in climate change

Plant populations can migrate through local or long-distant dispersal of seeds that germinate, grow and reproduce. Yet few global-scale ecosystem models incorporate migration of plant populations in predicting the effects of climate change. That's a problem, because changing vegetation has the potential to either ameliorate (by uptake of excess carbon) or exacerbate (through extinctions that reduce adaptability) the effects of climate change. Mānoa Associate Professor of Botany José Fragoso was part of an international team of academic and government scientists who address the matter in the September issue of the journal *Bioscience*. They propose incorporating plant migration into dynamic global vegetation models that merge distribution of vegetation with ecosystem processes, such as carbon, water and nutrient cycles. The challenge is obtaining adequate data about representative plants' migratory abilities and factoring in variables such as loss of species, impact of invasive species and sudden changes in the biosphere. The danger is that plants may not be able to migrate quickly enough to keep pace with the increased rate of climate change, which could have serious consequences on availability of timber, water and other resources important to humans.



Illustration by Kelly Hironaka

Beneficial guests worm their way into College Hill

UH's presidential residence has new permanent guests, but they take little room, make no noise and are happy to eat leftovers. They're a colony of skinny red composting worms who quietly spend their days and nights in a black plastic stacking bin, consuming food scraps and newspapers. First Lady Wendie McClain discovered Waikīkī Worm Co. at Mānoa's Earth Day fair last year. Maintenance is easy, she says—just tuck over-ripe tomatoes, watermelon rinds, egg shells and other food scraps under the layer of damp newspaper and mist occasionally with water. Drain accumulated liquid for a great plant spray and occasionally collect the resulting vermicast to use as a soil amendment. The system is odorless and pest-free, she says. Waikīkī Worm owner and former lawmaker Mindy Jaffe says the average family generates 4 pounds of food waste a week, so a worm bin in just 5,000 homes could divert 520 tons from the waste stream each year. She sells commercial systems (see www.waikikiworm.com), or make one using your own plastic containers and instructions from the College of Tropical Agriculture and Human Resources' Cooperative Extension Service. Select "home garden" at www.ctahr.hawaii.edu/freepubs and click on "Small-Scale Vermicomposting."



Honeycreepers may be making a Big Island comeback

Hilo Assistant Professor Patrick Hart took particular pleasure when he heard a distinctive bird trill in his backyard, located in the Big Island's Hawaiian Paradise Park subdivision. The call was further confirmation of his research indicating the 'amakihi and 'apapane honeycreepers are making a comeback in lower elevations. Bird counts indicate a significant population increase in lower Puna compared to a decade ago. The reason may be a developed resistance to the deadly avian malaria that has decimated native bird populations, but regeneration of 'ōhi'a and other host trees on former grazing land and the bird's possible adaptation to live in non-native trees could also be factors.

Astronomer's bursts are firsts

Astronomers have long known that short gamma-ray bursts exist, they just didn't know where they came from. Tipped off when a NASA satellite detected a half-second burst last July, Paul Price of Mānoa's Institute for Astronomy and former IfA Post Doctoral Researcher Kathy Roth directed the Gemini telescope in time to monitor the resulting shock wave. The data allowed them to calculate the source—a small galaxy 1.3 billion light years away, where a dense, dead neutron star likely collided with another neutron star and was torn apart as both were sucked into a black hole.

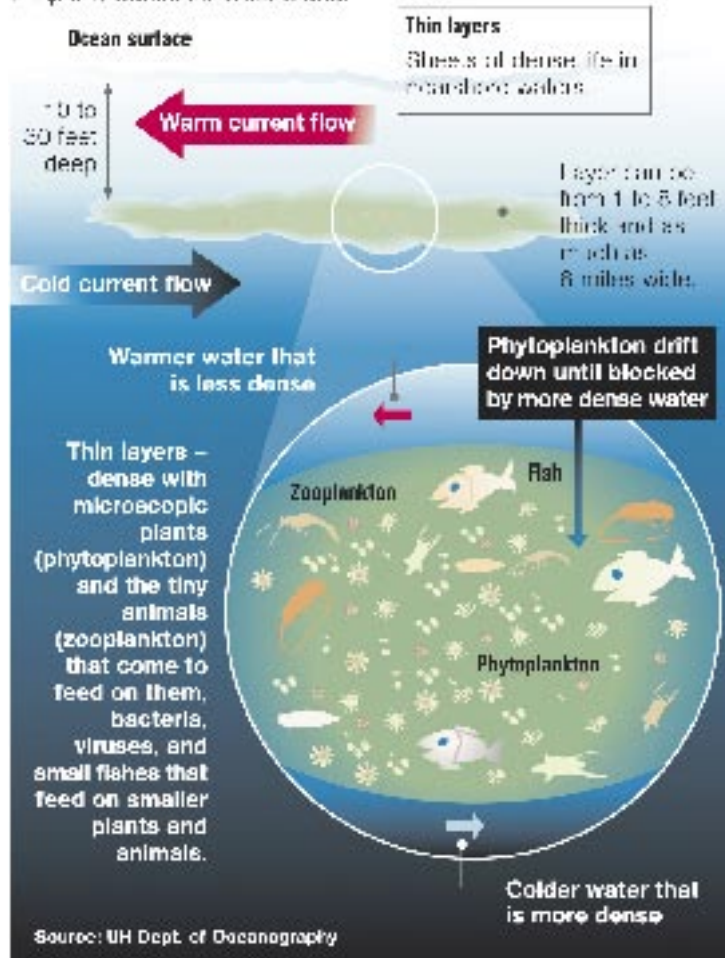
Price was also on call when NASA detected a longer gamma-ray burst early Sept. 4. He, UH Astronomer Lennox Cowie and Japanese colleagues used the Subaru and IRTF telescopes on Mauna Kea and MAGNUM telescope on Haleakalā to collect visible and infrared images of what turned out to be the most distant of such events recorded to date. Generated by the death of a massive star, the burst was bright enough to provide a glimpse into the dark fringe of the known universe.

Plankton platter intrigues scientists

Thin layers of water that are dense with plankton and microbes have been observed in Hawaiian waters. Like sheets of fabric—as diaphanous as lace or opaque as denim—they can form at the bottom of a warm surface current skimming across an opposite-flowing colder current. Studied over the past decade off the West Coast, the layers have only recently been observed in waters off O'ahu. They can form a band 1- to 8-foot thick and extend horizontally up to eight miles. They can be dense enough to show up on sensitive sonar, then dissipate within a matter of days. While they persist, they provide a virtual all-you-can-eat smorgasbord, accelerating the interaction of sea life, says Mānoa oceanographer Margaret McManus, who will lead a discussion on the phenomenon at the 2006 Ocean Sciences Meeting in Honolulu next month.

'THIN LAYERS' OF LIFE

Ocean scientists have discovered sheet-like clouds of plankton marine life that occasionally appear in coastal waters off the islands and dissipate a few days later. The "thin layers" of life were first reported in April in waters off West Oahu.



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Business dean shares college's Asian focus

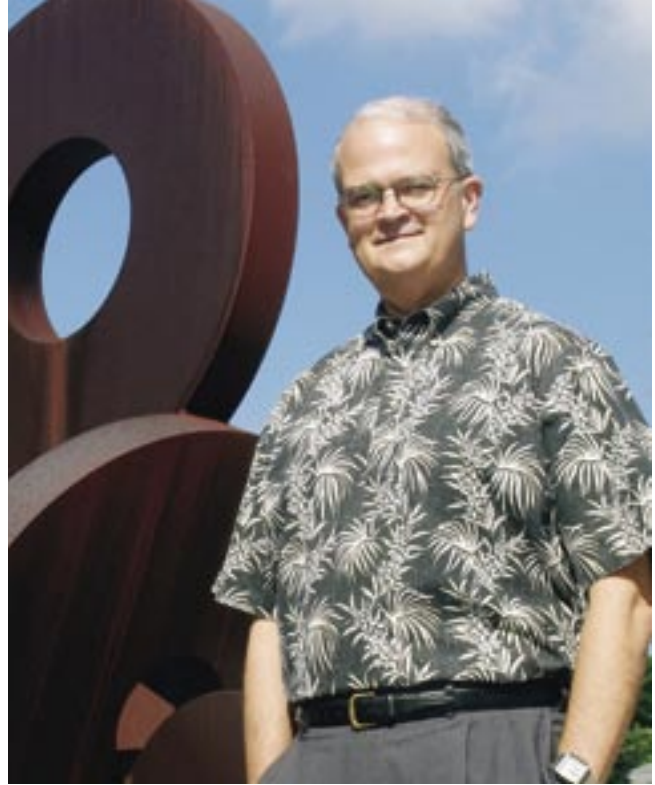
by Neal Iwamoto

In fall 1979, 28-year-old Vance Rokey began a one-year term at the President's Council of Economic Advisors, where he met fellow senior economist to the council David McClain. It was a tumultuous time in the nation's economy. "The Federal Reserve changed the way they would conduct monetary policy, and we were trying to analyze the effects," Rokey says. "By spring, inflation was over 20 percent, and we were trying to figure out how to get the economy back on track."

Fast forward 25 years and clear across the country. On Jan. 1, 2004, Rokey became dean of Mānoa's College of Business Administration and First Hawaiian Bank Distinguished Professor of Leadership and Management. McClain, who previously held the post, is now the interim UH president.

A Vancouver, Wash., native, Rokey grew up in a business-oriented family. He regularly scanned his grandfather's *Wall Street Journal* and became a stockowner by the fifth grade. "I bought two shares of General Motors," he recalls with a smile. "GM was America back then. It's split over time; today I have eight shares." He earned an MA and PhD from Harvard and served as economist and vice president of the Kansas City Federal Reserve Bank. Most recently, he spent 21 years at the University of Washington. As a finance professor, he honed his expertise in interest rates, the stock market and foreign markets, particularly Asia. As associate and acting dean, he expanded the faculty and returned the school to national rankings.

The self-professed "coastal guy" knew few places could lure him and Sharon, his wife of 31 years, away from the evergreen state. Hawai'i filled the bill—an ideal location and a school recognized for international business (ranked 16th for undergraduate and 22nd for graduate programs in 2005 by *US News and World Report*). As part of Hawai'i Gov. Linda Lingle's delegation to China last June, Rokey met with various businesses, educational institutions and medi-



cal associations. "UH has had an executive MBA program in Vietnam for several years, and China is where we are focusing right now," Rokey says. "The economic growth there is just amazing."

Back home, he is excited about the school's entrepreneurship initiative (CBA is teaming up with Mānoa's law and biotech programs to seek out scientific disclosures for commercial ventures). Internships have increased to more than 500 student positions, a \$100,000 donation will boost career services and placement, and two endowed chairs have been filled this past year. Faculty retention is critical to maintaining the school's stellar reputation, Rokey says. "I'd like to invest in people for the first five years." He envisions half his faculty receiving some sort of endowment support and high-value master's programs providing a revenue source to help with expansion. ☺

by Neal Iwamoto (BA '98 Mānoa), assistant sports media relations director for Mānoa

CBA at a glance

Founded in 1949 and accredited by the American Association of Colleges and Schools of Business, CBA enrolls 1,830 students, including 660 graduate students, in administration, accountancy, management and a joint law/MBA program. The college—

- ♦ is in the *Princeton Review of Best Business Schools* for 2006
- ♦ was the first in the U.S. to offer Asia-focused MBAs
- ♦ has 26,000 alumni worldwide
- ♦ receives recruitment visits from two companies a week on average
- ♦ awards more than \$220,000 to students each year



Musique to Their Ears

by Bill Harby

Last fall, a handful of Mānoa students studied in a pretty interesting classroom ... Paris.

They listened to a string quartet in a 12th-century chapel, tap-danced while singing Gershwin with a French studio musician, watched a Balanchine ballet in a historic opera house, sang along in a famous Montmartre cabaret and beaucoup, beaucoup more.

The students—three music majors, including a temporary transfer student from Kenyon College in Ohio, and six Mānoa undergraduates

from other majors—were enrolled in one of two 400-level music classes offered through the UH Study Abroad Center. Parisian Soundscapes focused on urban ethnomusicology; Music in World Cultures offered a more general approach to ethnomusicology theory. Every student also studied French at Sorbonne University, and some took additional classes in art history or French civilization.

Both ethnomusicology courses were taught by Jane Freeman Moulin, professor of ethnomusicology and chair of undergraduate studies in music. Fluent in French, her specialty is the music and dance of French Polynesia, particularly Tahiti and the Marquesas Islands. Her syllabi read like programs you can't wait to see on the

Discovery Channel—exploring “the important link between music and the society that produces it” with “special attention to the musics of Francophone cultures” and traditions observable in Paris, or “how the theories and methods of ethnomusicology and urban fieldwork can help uncover the rich tapestry of cultures and traditions that contribute to Paris’s reputation as an especially vibrant musical city.”

That rich tapestry gave the students an unexpected additional cultural lesson when riots flared in suburbs populated largely by African immigrants. “It was obvious to every student that our musical readings about diaspora, deterritorialization, social identity and post-colonial worlds link directly to the tensions behind the very real social prob-

Ethnomusicology master's candidate U'ilani Bobbitt, seated, called a Paris halau different, but good

lems that France is facing right now in the suburbs,” says Moulin. “I loved the way they made the connection.”

Each student chose an individual project. Moulin challenged them to soak up one musical culture of their choice, “interacting with either the musicians or the audience or the people who sell this music” even if their French skills were still rough. Music major Rosanna Perch joined a Swedish church choir and political science/French major Hayley Allen took flamenco lessons. Andrew Vallejo-Sanderson, a history/French major investigated the evolution of Jewish klezmer music in Paris. Food and human nutrition/French major Cari Wharton chose jazz while sociology/French major Elizabeth McGonagle pursued capoeira, a Brazilian form of music, dance and martial art. English/French/fine art major Melissa DeSica traveled the Metro subway talking to musicians from around the world who play for coins in the acoustically resonant tunnels.

Senior Jesse Clark, an anthropology/French major, investigated rai, a form of pop music that originated in the former French colony of Algeria. “It was the sound that got me,” he said one night sitting in a “huka bar,” notebook in one hand, the long tube of the water pipe in the other. The scent of fruit-flavored tobaccos and the sound of rai filled the air. Research into rai lyrics at an Algerian cultural center in Paris taught Clark that “the music speaks out against an established power, whether it’s the constraints of religion or the power of the former colonial power.” Interested in the assimilation of Algerians in France, he explored the degree to which music is a solidarity issue and how it affects

immigrants’ morale.

Tiffany Jeng, the visiting student from Ohio, studied Iranian drum and flute in weekly lessons with Saeid Shanbehzadeh, an internationally recognized recording artist. Sitting on the floor in his living room, she learned rhythms on the dammam and melodies on the neyjofti. She came face to face with cross-cultural customs when Shanbehzadeh put the long reed of the

neyjofti entirely in his mouth, demonstrated a melody line, then handed the instrument back to her so she could play the same notes. She gamely played the flute. “It wasn’t slobbery or anything,” she later told her classmates with a grin. More palatable was the evening of music and food she and two friends enjoyed with Shanbehzadeh’s family and other guests. Shanbehzadeh taught Jeng’s friends to play a rhythm



Melissa DeSica, top, analyzed musicians’ locations and musical styles along the city’s 15 Metro subway lines. Tiffany Jeng, above, studied dammam with Iranian recording artist Saeid Shanbehzadeh, accompanied by Shanbehzadeh’s 12-year-old son Nagheib



Reactions to the semester in Paris were as diverse as the students themselves, but many enjoyed a field trip to Versailles with instructor Jane Moulin (center). Participants, from left, are Hayley Allen, Rosanna Perch, U'ilani Bobbitt, Melissa DeSica (kneeling), Tiffany Jeng, Jesse Clark and Cari Wharton. Photo by Jacques Moulin

on cymbals, while she and her teacher played the damman. "It was lots of fun," she says.

Other students enjoyed time with people involved in their projects. U'ilani Bobbitt, an ethnomusicology master's candidate and kumu hula, visited weekly with the one hula hālau in Paris. She was surprised to observe the women munching on food, sipping wine and even inviting boyfriends to practice. This was definitely not what Bobbitt was used to in Hawai'i. "It's surreal, you know," Bobbitt told her classmates during a class discussion on topics in ethnomusicology. "I'm not saying that's wrong, it's just different. And you know what? They're pretty good," she continued. "It's really neat that this kumu (Hawai'i-based Kilohana Silve) started this hālau in order for her daughter, who's Hawaiian, to

learn her culture halfway around the world."

Students tackled some intriguing questions: Why is music a marker of identity? What constitutes a musical instrument? Should pop music be taught in class? What differentiates high art (classical music) from folk art (folk


Students soaked up a musical culture of their choice, from Swedish choir to Algerian rai

and pop music)? Is world standardization of musical notation a good thing?

The students' reactions to their semester in Paris were as diverse as

the students themselves. One was so intoxicated by the city that she had yet to start on her project halfway through the semester. Bobbitt suffered occasional fits of homesickness, sometimes crying when she played a certain Hawaiian song. DeSica considered staying. "I might teach English here," she said one day, swerving along on the Metro. "I love the culture, I love the language, I love the art. This feels so new and diverse. It's such an adventure. I don't want it to end."

Mānoa's Study Abroad Center sends faculty and students around the globe. Trips scheduled for 2006 include Rapa Nui (Easter Island), Australia, Japan, China, Italy, Spain, Denmark, France, Germany, England and Argentina. There's also a Summer at Sea program in the South Pacific. Students can also design their own trip anywhere in the world, subject to approval.

The center serves faculty too. Study abroad programs allow faculty "to conduct research and pursue professional enrichment activities while teaching abroad," important opportunities for a research intensive institution, says Sarita Rai, director. "As an ethnomusicologist trying to figure out what music means in the lives of different communities, time in the field is one of the important aspects of what I do," says Moulin. "For me, this has meant the time to repeatedly meet with researchers and performers in the host country over a period of months, and when they are not on summer vacation." 

To learn more about the University of Hawai'i at Mānoa Study Abroad Center, call 808 956-6958 or visit www.studyabroad.hawaii.edu.

Bill Harby is a freelance writer, editor and photographer who lives in Volcano, Hawai'i.

“I don’t know if this is living or just slimy,” declares a young woman pawing through a mound of spiny, purple and green seaweed. She holds up a baby sea cucumber that is connected by a long strand of clear goo to the table.

“Aaaaah, it’s like snot!” her friend observes. Both giggle. Tamar Cunha is laughing, too. “Just because they’re gross, doesn’t mean they’re not important,” advises the Mānoa zoology graduate student. “That’s what sea cucumbers do when they’re freaked out.” The student gingerly disconnects the slimy strand and plops the slug-like blob into a five-gallon bucket filled with seawater. It will be returned to the ocean along with crabs, snails, urchins and fish that are rescued from the clutches of the invasive gorilla ogo.

Known to scientists as *Gracilaria salicornia*, the focus of today’s cleanup is an algae, or seaweed, that poses one of the biggest threats to Hawai‘i’s coral reefs and near-shore marine ecosystems. It kills native species basically by smothering them, and it spreads very easily.

Gorilla ogo has been regularly weeded from the ocean by a team of coordinators, scientific divers and community volunteers since 2002. The Young Leaders from ‘Iolani and Punahou Schools help with the haul this day, collecting three tons of alien algae from waters immediately front-

The seaweed poses one of the biggest threats to Hawai‘i’s coral reefs and near-shore marine ecosystems



A university-community effort strips alien gorilla ogo from Waikīkī

Counter Attack

by Jeela Ongley

ing the Hilton Hawaiian Village in Waikīkī. To date, the A‘ohe Limu‘ē, No Alien Algae program has removed about 100 tons of the invasive plant.

First introduced to Waikīkī and Kāne‘ohe Bay for a short-lived aquaculture project in 1974 and later on Moloka‘i, gorilla ogo now accounts for nearly 100 percent of the bottom cover in infested areas. Like most limu, it does fine without roots, forming large, spiny clumps that roll back and forth with the movements of the ocean, abrading and smothering native sea grasses and corals. After large south swells, the beach at Waikīkī is often smothered too, under a heavy, pungent blanket of gorilla ogo.

“The troughs where *Gracilaria salicornia* collects probably periodically empty with the south swell, and that means that stuff is moving horizontally along the beaches and spreading to other areas” through natural processes, says Celia Smith, professor of marine botany at Mānoa.

Like seeds on muddy hiking boots, it can also snag a ride on boat anchors

and propellers or even diving gear that is not carefully cleaned. It needs but a small segment to grow and clone; in fact the entire population of gorilla ogo in Waikīkī is probably one clone.

“There has been so much work in the last five years,” says Cynthia Hunter, assistant professor of marine biology. “Statewide surveys, plot clearing, re-growth studies, comparisons, native species surveys—a lot of scientific research provides the ongoing context for the ogo removal.” Still, much remains unknown about the long-term effectiveness of such cleanups and whether native plants and animals in the ocean can recover lost ground. Gorilla ogo dominates most Waikīkī reefs and overgrows reef-building coral in Kāne‘ohe Bay, possibly causing irreversible damage to these unique ecosystems. The Hawai‘i Coral Reef Initiative Research program estimates that the state loses millions of dollars each year in lost condo rentals and clean-up expenses. But things could be much worse.

“If this creeps down to Hanauma



Volunteers recover creatures and native algae before the alien ogo is hauled away

Bay, it could destroy the reef,” warns Priscilla Billig of the Hawaiian Invasive Species Council. Vigilant monitoring can protect Hanauma Bay, Molokini, the Kona coast and algae-free areas on O’ahu’s Windward side and North Shore, says Hunter.

Back at the beach, divers sit on the bottom in 8–10 feet of murky water, filling large burlap bags with the abundant free-floating balls of algae in as little as 30 seconds. A free-diver or snorkeler brings empty sacks and swims the full ones to volunteers on body boards and long boards, who ferry the sacks to a small waiting zodiac. The cargo is zipped close to shore, where a Menchune line of volunteers moves each 20- to 30-pound sack to a large, wheeled cart bound for the sorting tables.

Unlike its smaller, tastier Hawaiian cousin, limu manuea, gorilla ogo isn’t much to chew on, but there are other uses for the exotic pest. None of it goes into a landfill. First a local green waste recycling company turned the algae into composting tea, says Hunter. “Then some taro farmers started taking it to the taro plots for soil amendment and compost; they think it is tremendous. So by the end of the day, they have turned an alien seaweed, into poi!”

Seeking to understand the interaction between the invasive algae and native seagrass, marine botanist Kimberly Peyton extracts a small fragment of the delicate marine grass,

called limu enenu, from the carefully-measured samples she has collected at the site. “We’re tracking to see if the seagrass bed expands as the invasive species is removed,” she explains. Green turtles graze extensive underwater meadows of seagrass like cows eating grass. They dig their flippers in the sand, turn their heads sideways and chomp down as the sand trickles out of the side of their mouths.

Peyton will monitor changes in a seagrass meadow she identified in front of Duke Kahanamoku Beach. “The seagrass here forms only small patches that produce lots of flowers and fruits, which is what many plants do when they are stressed. Where there is no invasive algae, the seagrass spends most of its energy growing new leaves—the food for turtles and fish.”



Marine scientists Cynthia Hunter and Celia Smith won national honors for spearheading the seaweed stripping effort

The algae removal program received a Coastal America Partnership Award and is widely touted as a successful model of cooperation of governmental, environmental, business and community groups. It maintains

regular contact with more than 800 individuals, and hundreds turn up for regularly scheduled cleanups.

“We’ve reached individuals age 4 to 84, including teachers, schoolchildren, parents, legislators—the governor has expressed her support,” affirms Hunter. Outreach motivates community members to mobilize on behalf of their favorite beaches, collecting algae in Waikīki or patrolling to make sure the alien stays out of unaffected areas.

Tourists are drawn to the activity and small mountains of seaweed. Christy Martin, who represents the Coordinating Group on Alien Pest Species, is ready. She shows photos of the reef before and after infestation, explains the situation and records email addresses of potential volunteers.

“The sorting table is also an opportunity for outreach and education. You can pull something out, hold it up and talk about it, and then listen,” says Smith. “People have their own stories about limu. It’s not just us telling them, it’s them telling us, ‘My grandma makes this this way.’ Hawaiian culture has paid much more attention to the ocean and its resources. I think that connection is part of what has people coming back to help over and over again.”

“Sometimes we hear, don’t you just think this is an impossible, Herculean task?” reflects Hunter. “Our answer is look, the problem has been going on for 30 years, we’ve been at it for three. We’ve learned a lot. We have made progress. It’s no time to give up, at all. This is something that can be turned around.”

To volunteer, contact Signe Opheim at 808 779-2616 or opheim@hawaii.edu. Also: www.alienalgaeCleanup.org (clean-up dates and email list)

www.botany.hawaii.edu/Invasive (information on invasive marine species in Hawai‘i) www.botany.hawaii.edu/GradStud/smith/websites/ALIEN-HOME.htm (background on invasive algae)

Jeela Ongley (BA ’97 Mānoa) is web content coordinator in External Affairs and University Relations and a Mānoa master’s candidate in English

Scientists explore mysteries hidden beneath the water

FIRE AND ICE

UH faculty work in some pretty remote environments. Last summer took scientists to two extremes—south to volcanoes in the Pacific’s Ring of Fire and north to the Arctic ice. In both cases, scientists worked underwater, either remotely (mapping with a sonar tow fish or monitoring and sampling with a robotic vehicle) or in manned mini-sub. Their work expands our knowledge of animal life and geologic processes hidden by the ocean’s depths.



Boiling water jets like flames when bubbles are compressed by the high pressure of deep water.

Some things you can’t know unless you look directly, says Rachel Shackelford Orange, her excitement palpable even though she experiences ocean dives vicariously as she compiles Hawai’i Undersea Research Laboratory images and data. Consider site V-18s: dredging hadn’t identified the predominance of pumice because water swept the lightweight material from ship-drawn samples. And underwater volcanoes aren’t all the same. Flat four years ago, Vailulu’u Crater off Samoa has a new cone 300 meters high and growing about 8 inches a day. The Kermadec Arc closer to New Zealand revealed sulfur seeps on a sandy bottom that melted the sub’s sample basket, sheets of iron oxides, fields of dead mussels and huge sulfur deposits with chimney formations called white and black smokers. A chimney knocked down for sampling was rapidly reforming within a day.



A cold snap can claim sensitive scientific instruments like this array, so the decision to deploy isn’t made lightly.

To build underwater mapping equipment for Arctic research, Margo Edwards and her Hawai’i Mapping Research Group had to consider how sonar would behave under low temperatures, high pressures and salinity. First used in 1999, the mapping equipment displayed what appears to be deep ice gouges caused by the movement of an ice shelf hundreds of meters thick across the Alaska continental margin. Edwards was eager for confirmation, but conditions on the USCGC *Healy*’s first leg (which included four days stuck in ice) largely thwarted mapping. Still, other scientific observation and sampling took place. Later legs benefited from the progressing summer thaw—on the second, students mapped the seafloor in support of zoological work; the third saw the team “working like dogs” mapping, coring and sampling as the cutter traversed the North Pole to Norway.



Underwater volcanoes and seamounts were destinations for the five-month, \$4 million cruise.

The Hawai'i Undersea Research Laboratory conducted nearly a hundred dives at the 41 sites between Hawai'i and New Zealand visited by UH's R/V *Ka'imikai-o-Kanaloa*. Crews rose at 5 a.m. for pre-dive activities, dives by the manned submersibles *Pisces-V* and *Pisces-IV* and the remotely operated vehicle (ROV) *RCV-150*, post-dive operations and prepping for the next day before hitting the sack around 10 p.m. Video and still images were sent to Mānoa for archiving and analysis during port calls. The ship had calm weather for the most part, but also rode out some rough storms—once called to the aid of another vessel. The crew got so good at launching the underwater vehicles that they conducted dives in conditions that would have stymied other cruises.

Good dynamics is important when you live in close quarters.

Unexpected views, like a dense population of crabs not usually seen on underwater volcanoes, bring pleasure to the long hours and hard work of exploring. Colleagues say the HURL team—25-year veteran Terry Kerby and fellow *Pisces* pilot Max Cremer, support technicians Colin Wollerman, Steven Price and Douglas Bloedorn and ROV engineers Dan Greeson and Peter Townsend—work effectively because they know their stuff and love what they do. Using two subs allowed dives in one while

the other underwent maintenance and repairs. It also created a safety net, providing a backup vehicle should rescue be required. In unknown or difficult conditions, the subs carry two pilots and a science observer; on more routine dives, the copilot gives up his seat to a scientist. Among the eager takers: researchers from HURL, other U.S. institutions and agencies, Germany, New Zealand and Australia.

Nearly every dive brought surprises, both geological and zoological.

Monowai had hydrothermal biota not seen at Lō'ihi. Rumble 5 had elongated urchins. Clark's huge twin towers were surrounded by barnacle fields, and its cone had coral growing on one side and thermal vents on the other. At the relatively shallow V-1, huge groupers appeared, like curious cats, to examine the sub and bubbles swept through mussel beds, visible in the ambient light. Sampling revealed more than two dozen new species of bacteria living in the extreme conditions around underwater volcanoes. Scientists are also analyzing data about other marine life, chemistry and mineral formation. The cruise included non-volcanic dives as well—mapping habitat, collecting samples to gauge climate variability, analyzing the ecological impact of a grounded vessel and conducting marine archaeology in the remote atolls of the eastern Samoan chain and U.S. Line Islands of the central Pacific, including Palmyra Atoll.



You don't get seasick on an icebreaker; all that ice keeps the ocean flat.


You don't get much sleep either. The 420-foot *Healy* works by powering forward onto the ice. If its weight doesn't break through, it backs off, dragging across the bumpy ice with a sound like bulldozers outside your bedroom. Choosing the route of least resistance creates a zigzag of slush behind the ship, but the solid white surface to the side is a bit disconcerting to those used to seeing water when they're at sea. The Arctic summer sky has the perpetual appearance of 4 p.m. regardless of the time. "Shore" leave onto the ice for recreation, ice coring and brief dives beneath the ice are tinged with the constant awareness of cordoned off thin spots and the watchful sentry armed with a shotgun because polar bears are not hospitable hosts.

The cruise married geology with oceanography.

An interdisciplinary approach allows scientists to study not just how the seafloor looks, but how it influences the physical and chemical ocean environment. Geologists cored, analyzed and preserved samples of the ice and the seafloor while zoologists identified creatures like tiny, colorful, shrimp-like *Hymenodora glacialis* and non-stinging comb jellies brought up in water samples or captured by divers. Inside, mappers hunched over computer screens to decipher what the sonar mounted on the *Healy's* hull unveiled. As often as once a day, someone would

call "what's this?" and everyone would run over to interpret and argue. Methane seeps, evidence of landslides and dragged boulders, an underwater volcano just when you thought everything was flat and boring ... "It's exciting," Edwards says. "We haven't looked at 70 percent of our planet because it's underwater." But it could happen in her young sons' lifetime, she muses.

Edwards admits she was skeptical about global warming.

So temperatures are up 1 degree since 1890—thermometers then weren't the precise instruments scientists have now. Then she saw evidence from every branch of science—polar bears 40 pounds skinnier than they used to be and less apt to have twin cubs; tree lines shifting 100 miles northward; birds dying and new species moving in; coastlines eroding. "I'm not a skeptic anymore," she says. Scientists know the shrinking extent of the ice sheet, but they don't know its mass. The mapping team proposes turning sonar on its head, creating an upward-scanning instrument for testing in 2006 and deployment the following year to map the underside of the ice canopy, producing more accurate calculations of the amount of ice. There's also potential—and reason—to map most of the country's coastal areas. For example, looking at the seafloor can help explain what is dragged where in a storm like hurricane Katrina. 

Photos courtesy of the Hawai'i Undersea Research Laboratory and Hawai'i Mapping Research Group; text by *Mālamalama* editor Cheryl Ernst

In the wake of disasters, faculty experts lend

by Janine Tully

A Helping Hand

It's been over a year since a tsunami swallowed entire villages rimming the Indian Ocean, killing more than 200,000 people. Survivors were still reeling from the disaster when two massive hurricanes ripped through North America's Gulf Coast eight months later. The initial crises over, governments and relief agencies are shifting attention from immediate needs to restoration of communities and livelihoods and preventing future tragedies. Among the professionals from around the world joining in the task are more than 25 UH faculty members from various disciplines.

Helping Sri Lanka recover

Mānoa Director of Research Relations Harold McArthur issued a call to the faculty after the 2004 tsunami. "They came to the meetings and shared what their interests were in relation to the disaster recovery," he says. The expertise ranged from post-event counseling and resort operator training to salt-tolerant crops and efficient organizational response. An anthropologist with expertise in community planning, McArthur organized an interdisciplinary recovery team to address technical and human needs at the request of then Chancellor Peter Englert.

Among the responders was Walter Patrick, a professor with the John A. Burns School of Medicine. Patrick was visiting family in Florida when he saw video footage of the tsunami sweeping his island home on Dec. 26, 2004. Some relatives lived directly in the path of the wave; like many of his countrymen, he lost family members in the tsunami. It was a painful reminder of the deadly hurricane that killed thousands on the island nearly 30 years before. Like the tsunami, the hurricane struck during the

monsoon season when fishermen flock to the shore. "If you are a good fishermen you know that on a cloudy, rainy day you will probably catch more fish," Patrick explains.

As head of international health and medicine at Mānoa and secretary general for the Asia Pacific Academic Consortium of Public Health, Patrick's interest was more than personal. A veteran of international relief efforts, he contacted the consortium to see how UH could help. His goal was threefold—make use of UH's expertise, raise public awareness about the disaster and conduct research on the trauma caused by the tsunami, particularly in women and children.

Patrick was inspired to study women's psychological reactions after reading about social worker Jennifer Baggerly, who worked with tsunami orphans and turned a shredded sari found on a beach into a symbol of tragedy. Stories about women drowning because of the weight of their saris began circulating in Sri Lanka. It's unlikely that women would have shed their saris—a symbol of virtue and modesty—to save themselves, Patrick explains. "When I walked the same shore where Jennifer picked up the shredded sari, I thought of the thousands of yards of cloth that wrapped the women as they drowned, perhaps choosing to keep their last bit of dignity."

Patrick plans to expand on a study he published in 1983 on post-traumatic stress syndrome following the 1978 hurricane. The study revealed that women initially handled crises well, but

Ian Robertson examined the US 90 bridge between Biloxi and Ocean Springs, Miss., which was apparently lifted by rising water and driven off its supports by Hurricane Katrina's storm surge



later manifested psychological disorders that lasted longer than those in men. A new study may show different results due to the 20-year civil war, he speculates. “The civil war has caused an emotional toll because these are people harming others. A tsunami can be rationalized as an act of God.”

Funding is key

Politics, civil war and bureaucracy have slowed funding of projects in Sri Lanka and other countries, but Kusuma Cooray, honorary Sri Lankan consul and a Kapi’olani Community College professor, remains optimistic. “Long-term projects take a long time to fund,” she says. Cooray was instrumental in getting UH to work with Sri Lankan officials in developing a recovery plan. Hawai’i is at the forefront of disaster recovery, and its location and cultural similarities with other island nations make it an ideal model to follow, she says.

After a fact-finding mission to Sri Lanka last summer, the inter-disciplinary UH team developed a recovery proposal in collaboration with the Sri Lankan National Management Centre and other institutions.

The project focuses on education and training in emergency preparedness, coastal management, public health and tourism. It also calls for developing school curricula that takes the myth out of natural disasters.

Expertise ranges from public education and emergency preparedness to land use and engineering

“If you ask young people about the tsunami, they think they were being punished,” says Barbara Keating, a Mānoa geophysicist on the team. “It’s a sad state when you don’t understand that disasters are natural occurrences.”

The recovery plan is one of seven proposals submitted by UH departments for review by Sri Lankan officials and funding from the U.S. Agency for International Development. Decisions were still pending at press time, according to McArthur.

Pre-planning and early warning

Kem Lowry, former chair of Mānoa’s Department of Urban and Regional Planning, has worked on coastal management in Sri Lanka since the early 1980s. He recommends reducing construction in hazard zones, but recognizes that, because of land shortages, some will continue to risk living in these areas. Use of building strategies such as those applied in flood prone areas of Hawai’i—placing houses on re-enforced pylons with the ground floor open so that floodwaters can go through—can reduce risk to property.

As more people choose to live by the ocean—even in hazardous zones—and resorts continue to sprout along shorelines, they will be more vulnerable to natural disasters. Still, the risk

of living in such areas can be diminished by planning against erosion, flooding, tsunamis and hurricanes, says Dennis J.

Hwang, a Honolulu attorney specializing in coastal management, environmental land use and property law. A UH graduate with a degree in

geophysics, Hwang wrote the *Hawai’i Coastal Hazard Mitigation Guidebook*. Among his recommendations: reduce population density in coastal areas, flood proof your home, build for high-velocity storm surges and follow standard building codes. Both the Indonesian government and Louisiana state officials have asked Hwang to write hazard mitigation guidebooks tailored to their regions.

The National Science Foundation awarded \$500,000 to a group headed by Mānoa volcanologist Bruce Houghton for a three-year project to develop a tsunami preparedness model that will improve tsunami alerts. The research team, which includes members from Thailand, Australia and New Zealand, will identify the most effective way to disseminate educational material about official and natural signs of tsunamis. (Official signs are things like sirens; natural signs refer to earthquakes and receding waves.)

“The Hawai’i warning system is among the best and is in the process of being updated,” Houghton says. “We are not focusing on the warning messages but on how the public is going to react to them.” The United States plans to expand the tsunami detection and warning system because of the potential for tsunamis to strike most of the U.S. coastline. Without an effective warning system, the high death toll experienced in Southeast Asia could occur in coastal communities in the U.S., says Houghton.

“There was no system in place within most of the affected countries for the Dec. 26 event,” he says. “That’s why the death toll was so high.”

The UH Sea Level Center will install and upgrade 22 tide gauges in the Indian Ocean for tsunami warning next year. Meanwhile, Mānoa’s Department of Anthropology will manage a \$4.1 million grant from the federal Health Resources Services Administration’s Bioterrorism Training and Curriculum Development Program to create Pacific EMPRINTS (Pacific Emergency Management, Preparedness and Response Information Network and Training Services). “The goal is to train health professionals in Hawai’i, California and the U.S.



Kevin Hopkins is helping Thai communities rebuild sustainable fishing so they don't have to rely on hand-outs



Ronald Riggs discovered a gauge to the height of Katrina's storm surge in Biloxi, Miss., where two floors of the Windjammer Condominiums were blown out and the third sustained major water damage

affiliated Pacific Islands to better recognize and respond to bioterrorism and public health emergencies and more effectively communicate with the public,” says principal investigator Ann Sakaguchi. The 10 partners include Kapi‘olani’s Department of Emergency Medical Services and Mānoa’s School of Nursing and College of Tropical Agriculture and Human Resources.

Learning about levees

Faculty members from Mānoa’s College of Engineering have been studying buildings and levees damaged in floods caused by Hurricane Katrina last August. Ian Robertson and Ronald Riggs, researchers with the civil and environmental engineering department, are heading a multi-university, four-year research project funded with \$1.3 million from the National Science Foundation. The pair spent several months in Mississippi documenting effects of the hurricane storm surge on commercial buildings along the coastline’s industrial zone.

“If lessons had been learned from previous hurricanes, some of the damage, particularly on the bridges, could have been avoided,” Riggs says. “The bridges weren’t designed or retrofitted to handle the uplift of the kind of storm we saw in Katrina. The bridges were low and the storm surge was 20 to 25 feet deep, submerging the bridges underwater. We saw bridges just floating away.”

UH faculty helped develop a Sri Lanka recovery plan and conduct New Orleans levee assessment

The group hadn’t anticipated large shipping containers and floating casinos being swept into residential areas and getting stuck in buildings. “All of a sudden you had all that water congregating in one area with nowhere to flow,” Riggs says.

Department colleague Peter Nicholson was tabbed by the American Society of Civil Engineers to head an assessment team to analyze and make recommendations on the New Orleans levee system. Also involved in the study were the Army Corps of Engineers, an NSF-sponsored group and other ASCE institutes. The team studied a large number of levees and numerous breaches. “There were miles of levees that had been obliterated, not just three as initially reported by the media,”

says Nicholson. “Whole neighborhoods were wiped out.”

Initial data has helped researchers better understand why some levees collapsed, and a preliminary report was presented to Congress in November. Among the findings: mismatched floodwalls built with different materials and heights; weak links between levees; soil erosion beneath the walls. “There was no evidence that the breaks were caused by overtopping, Nicholson says. “The high-water mark on two of the levees was two feet below the top of the floodwall when the walls blew out.”

A university’s role

Scientists at UH and three sister institutions have also studied pollution factors and tested for bacteria levels in Louisiana’s Lake Pontchartrain. They identified *E. coli*, associated with feces, as the main bacteria in the floodwaters. They are now studying the pathogens’ genetic makeup and changes in their DNA that could render them more harmful, says oceanographer Grieg Steward.

Another concern for scientists is the growth of algae in the lake, caused by nutrients in the floodwaters. The good news is that the lake wasn’t as polluted as expected, says Steward. “The prognosis for recovery is favorable.”

Universities are not expected to serve as relief agencies. They generally lack the budget and staff to coordinate immediate response, McArthur says. “My feeling—and that of the group of seven that went to Sri Lanka—is that the recovery process gives us an opportunity to share our science-based expertise in a way that makes an impact, from the very technical to the very human aspects,” he says.

An example is UH Hilo’s work to reestablish sustainable fishing in five Thailand communities. Its Pacific Aquaculture and Coastal Resources Center is partnering with the University of Rhode Island’s Coastal Resources Center and the Asian Institute of Technology on the tsunami rehabilitation project. “The Thai have done an amazing job of clean-up. We are now trying to rebuild livelihoods so that people don’t have to rely on hand-outs,” says Interim Director Kevin Hopkins. Meanwhile, Tsunami author Walter Dudley focuses on education and training, so that people know what to do when a tsunami warning comes and where the evacuation routes are.

Even past work has proven beneficial. The abstract of Hilo Associate Professor of Sociology Thom Curtis’s 2000 analysis of changes in child abuse statistics following past hurricanes was posted on several organization websites following hurricanes Katrina and Rita to help educate relief workers about stress syndromes associated with catastrophes.

“Our role,” reiterates McArthur, “is to go in and look at necessary restructuring and redevelopment from a scientific and technical basis that relief agencies may not have.”

Janine Tully (BA ’87 Mānoa) is a Hawai‘i freelance writer



Illustration by Kelly Hironaka

From Books to Browsers

Techno-savvy librarians are diverse in background, united in purpose

by Gail Miyasaki

Never judge a book by its cover...or a librarian, for that matter. Back-to-back Hawai'i State Library honorees, both graduates of Mānoa's Library and Information Science program, represent the surprisingly diverse image of today's librarian.

The state library system's 2005 Employee of the Year, Linnel Yamashita is McCully-Mō'ili'ili Public Library's adult reference librarian and can recall the plots of all the mysteries she's read. The techno-savvy Pearl City High School graduate and mother of two sons has mentored many UH LIS students and is impressed by the "high caliber of these interns."

Wendi Woodstrup was selected the 2004 Public Librarian of the Year by the Hawai'i Library Foundation, an honor based on nominations by library

patrons. In her fifth year as Mililani Public Library's manager, the Illinois native and 22-year Hawai'i resident is an ocean sports enthusiast—"kayaking, paddling, surfing, you name it," she says. She has found new challenges learning to be a manager, but "as a librarian at heart," still finds helping patrons at the reference desk "the highlight of my day."

"The reasons why our students are attracted to the field remain unchanged. They love reading, love books and love working with people," says Diane Nahl, Mānoa Information and Computer Sciences Department associate professor and incoming chair of the LIS program.

Celebrating its 40th anniversary in 2005, the LIS program began as the Graduate School of Library Studies and became the School of Library and Information Studies by the 1980s.

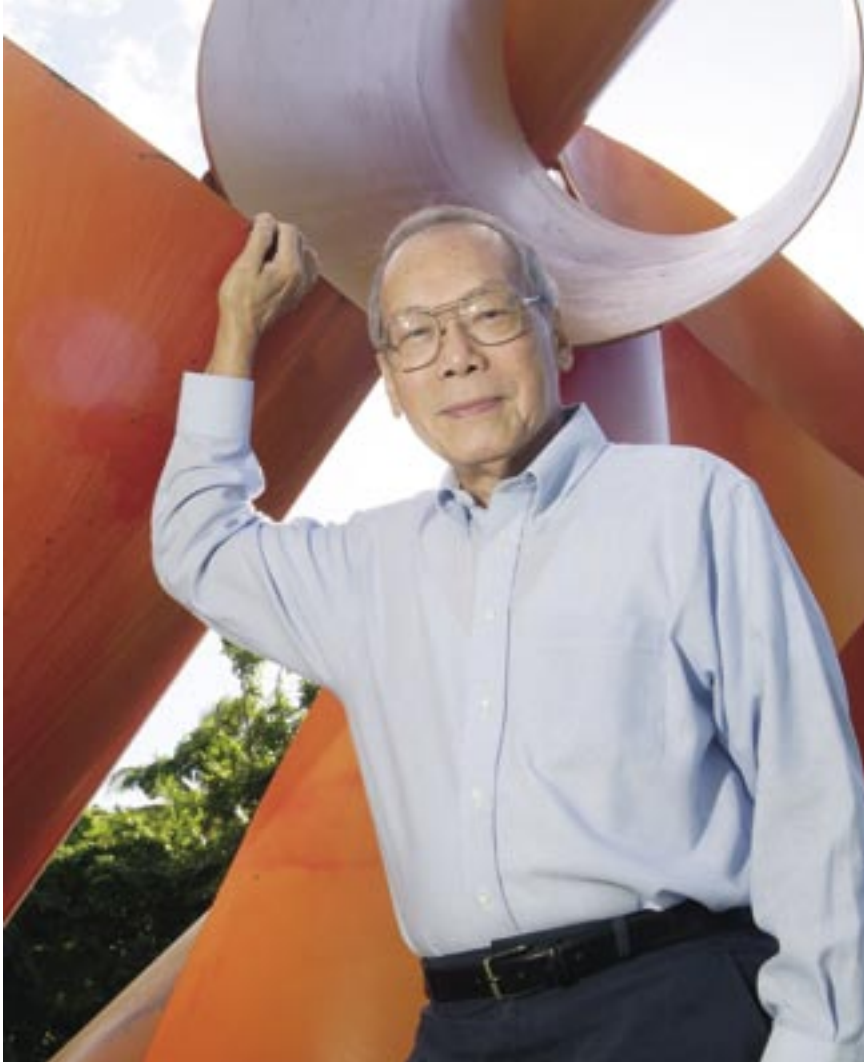
Its curriculum evolved dramatically, beginning in the 1960s, as information and communication technology was integrated into library work and the individual freedoms movement pushed to open library collections and expand

Library grads understand content and master the technology to access it

services to users. In 1997, LIS became part of the Department of Information and Computer Sciences.

"Since antiquity, libraries have been at the forefront of the application of new information technologies," explains Nahl. "Librarians were pioneers in creating Web access to their collections. They created the

Continued on page 23



An Engineering Legacy

Students honor a tough professor

by Tracy Matsushima

Tuition was \$85, lettuce grew in the fields across Dole Street and only one engineering student was female when Arthur Chiu arrived at UH Mānoa in 1953, intending to teach for just one year. Mānoa changed, but Chiu stayed, and his 42-year teaching career has had a monumental and generational impact on engineering in Hawai‘i.

“I was a very demanding teacher,” laughs Chiu. Former student and retired City and County of Honolulu Director of Transportation Services Ed

Hirata agrees but says Chiu was also fair. Hirata took the first civil engineering class that Chiu taught, a summer surveying course with lots of homework. “We filed our assignments, and at the end of class our notebook was about two inches thick,” he laughs. “As an engineering student, you are basically learning how to use engineering tools to solve engineering problems,” he continues. “If you have a good professor, you learn a lot and are better prepared for the world of work when you graduate. Dr. Chiu was one of the best.”

That’s why Hirata joined with other former students to form the

Dr. Arthur N. L. Chiu Endowed Scholarship in Civil Engineering. The scholarship was proposed by Bob Akinaka, chairman of Akinaka and Associates, who knows Chiu professionally. The professor has received many accolades—including Honorary Member status in the American Society of Civil Engineers, a Lifetime Achievement Award from the Hawai‘i Council of Engineering Societies and a UNESCO

This is a way to pay him back and honor him for all he’s done

—Ed Hirata

medal—but this honor would benefit students, Arinaka explains. “This is a way to pay him back and honor him for all he’s done,” adds Hirata.

Chiu retains the same level of enthusiasm he had 40 years ago and maintains a personal interest in his students. It’s created an impressive response to the endowment, drawing donations even from a student still in school.

Sheryl Nojima isn’t surprised. “For someone who was teaching, serving as department chair and producing internationally respected research to take time out to keep in touch with his former students is exceptional,” says the former assistant dean, now principal at Gray, Hong, Nojima and Associates. “He genuinely cares, and we would go out of our way to support him in any way we can.”

Students were impressed with his open door policy, she recalls. “They

Continued on next page

told me that when they were studying late at night, got stuck on a problem and saw that his office light on, they knew he would welcome them and help. Not many professors were that gracious.”

Since retiring in 1995, Chiu remains a fixture around campus, volunteering on committees pertaining to his research area (the effects of wind on structures) and participating in Chi Epsilon, the National Civil Engineering Honor Society chapter he helped organize. Since 1957, Chi Epsilon has inducted nearly 700 members. “I still love it or I wouldn’t stay,” says Chiu.

He misses teaching. “I liked helping them grow and become good thinkers.” Students were his greatest joy, and he knew them all—grading every test and tracking each student’s progress. To ensure that everyone had an equal footing, he never gave the same test twice, but filed each in the library for use as study aids. Most of the 350 guests at his retirement dinner were his students, an indication of the respect they have for him, Hirata says.

Chiu recalls the time a student asked if he knew someone. “I said ‘Yes, he was my student,’ and she said, ‘He’s my dad.’ What a shock that was.” Chiu has since known more than 20 second-generation students. Nojima was one—father Wallace Endo, brother Howard and sister Carolyn Len all had Chiu for class. Like them, she was a member of Chi Epsilon.

Not all of his students became engineers. “I always tell my students, just because you are an engineer by training doesn’t mean that you have to be an engineer. Engineering is a methodical and analytical way of solving problems, which will be invaluable in any field,” he says. The 1982 recipient of a Regents’ Award for Excellence

in Teaching says he’s humbled by the endowed scholarship.

He is appreciative too...for the students who will benefit. 📖

For more information on the Dr. Arthur N. L. Chiu Endowed Scholarship, contact Kerri Van Duynes, College of Engineering development director, at 808 956-2299 or kerri.vanduyne@uhf.hawaii.edu.

Tracy Matsushima (BA ’90 Mānoa) is an External Affairs and University Relations publications specialist

From Books to Browsers from page 21 phenomenon of online searching and introduced it to academia and the public.”

New technologies bring questions of responsible use. “Librarians educate the public in finding and evaluating information to make informed decisions,” says Nahl. New Western Association of Schools and Colleges accreditation guidelines call for all undergraduates to master information literacy skills long taught to future librarians by LIS.

As a graduate program, LIS offers a master’s degree in library and information sciences and a doctoral degree in communications and information sciences. Most of its student body are from Hawai‘i, with 10 percent from the neighbor islands. Another 10 percent comes from Asia and 10–20 percent from other foreign countries and the U.S. mainland.

Librarians educate the public in finding and evaluating information to make informed decisions

While 40 percent of the annual enrollment of 150 students represents public school teachers seeking certification as school library media specialists, graduates from English, history, social sciences and even law enter the program. And for a profession that began

as a male-only occupation, a steady 20 percent of students are men. The program boasts a 97 percent completion rate and nearly 80 percent of its graduates take positions in a variety of libraries in the state.

Several LIS graduates from Asia are national librarians in their native countries, including R. Ramachandran, the national librarian of Singapore. Recent graduates Kendra Morgan and Elenita Tapawan worked for the Bill and Melinda Gates Foundation implementing the technology in its public



Graduates of Mānoa’s library master’s program, like Wendi Woodstrup, left, and Linnel Yamashita, love reading and helping people

libraries program. Graduate Shari Tamashiro, Kapi‘olani Community College’s, self-described “cybrarian,” is a Web design guru responsible for online sites for Farm Fresh Hawai‘i (connecting local farmers and restaurant chefs) and the Nisei Veteran Project.

“Our students understand the content of information, as well as the technical tools to access it well,” says Nahl. “They know that reading is a major skill for success in society, not just for economic success, but to live a healthy and full life.” 📖

For more information about LIS, contact 808 956-7321 or slis@hawaii.edu or visit www.hawaii.edu/slis

Gail Miyasaki (MEd ’77 Mānoa) is a freelance writer in Honolulu



Teaming Up: Mānoa Admissions Counselor Irene Jacinto, center, was joined by UHAA–Pacific Northwest chapter members Earle Oda and Dawn Mallory for the Seattle College Fair. To be an alma mater ambassador at a college fair near you, call the Alumni Relations Office at 956-ALUM (956-2586) or toll free 1-877-UH-ALUMS (842-5867).

UHAA Activities

Please also visit the events calendar on the alumni website at www.UHalumni.hawaii.edu.

Feb 8 UHAA ROTC chapter hosts a golf tournament at Hickam Airforce Base on O‘ahu. For more information contact gobowz@hawaii.rr.com.

Feb 24 UH Hilo Alumni and Friends 2006 Distinguished Alumni Awards Dinner is scheduled at the UHH Campus Center dining room at 5:30 p.m. Email mktng@hawaii.edu for more information.

Apr 20–May 5 CASAA Travel Tour: A Southern Spring! travels to Pennsylvania; Washington, D.C.; Virginia and South Carolina. Contact the Colleges of Arts and Sciences Office of Community and Alumni Relations, 808 956-5790.

May 18 UH Distinguished Alumni Awards Dinner. Call 808 956-2586, email alumnews@hawaii.edu or visit www.UHalumni.hawaii.edu.

Jun 24 The UH Mānoa School of Architecture Alumni Association 2006 Annual General Membership Meeting/ Distinguished Alumni Dinner. Contact Lee Manfredi 808 735-8466 or email whitegingerlei@aol.com.

UH ‘Ohana

Hawaiian Islands

UH AA celebrated new bricks in the Mānoa Legacy Path in August and co-hosted an alumni reception at Hawai‘i Theatre before a spectacular Kenny Endo Taiko Ensemble performance. For homecoming in October, Athletics Director Herman Frazier, Head Football Coach June Jones and Defensive Coordinator Jerry Glanville welcomed alumni and fans to a pau hana pep rally at Gordon Biersch restaurant, where the Hawai‘i Rainbow Warrior Pep Band and cheerleaders performed. Frazier also joined **CASAA** for breakfast at the Pacific Club and **UHAA** co-hosted a pre-game tailgate.

It was a busy fall for chapters. **CASAA** presented an educational wine tasting with Master Sommelier Chuck Furuya at Vino restaurant. **School of Law Alumni Association** held a joint reunion for the classes of ‘80, ‘85, ‘90, ‘95 and ‘00. **Hawai‘i CC Alumni and Friends** held its sixth breakfast fundraiser at the campus cafeteria. **Kapi‘olani CC** launched the KCC Alumni and Friends Association chapter. Author and former Dean David Heenan greeted alumni at the **CBA Alumni and Friends’** Aloha Tower Night. The **UH Hilo Alumni and Friends** annual Christmas party was Dec. 1.



International

CBA’s Nov. 17 networking event at Prospect Management in Tokyo honored 2005 Japan-focused MBA graduates and introduced Dean Vance Roley.

Mainland

UHAA–Greater Midwest alumni (including treasurer Julie Hish, right, in white lei) partied at the home of Mel and Anna Yokoyama (in green) after the Sept. 10 UH football game in East Lansing, Mich. UHAA enjoyed brunch with Florida-based alumni at the Fairmont Turnberry Resort in Aventura in August and joined the Hawai‘i Chamber of Commerce Northern California for a cocktail reception before Warriors football at San Jose State in October.



Annual student send-offs were held by **UHAA–Las Vegas**, with a potluck dinner Aug. 6, and **UHAA–Los Angeles/Orange County**, with hula by a local hālau.

UHAA–East co-sponsored “Jean Ariyoshi: Washington Place, A First Lady’s Story” at the Japan Society in New York.

UHAA–Pacific Northwest held an Aloha Friday business mixer at Kona Kitchen in Seattle. Sen. Daniel Akaka, Rep. Neil Abercrombie and a number of young alumni (right) were among 200 guests at **UHAA–National Capital Region’s** Brothers Cazimero and Friends event at Wolf Trap Filene Center in Virginia.





Why you should join UHAA...today

Over the last two years I've thought closely about the relationship between the UH and its alumni. It is hard to escape the conclusion that each of us owes a great deal to this university. For most of us, UH is part of the family. For nearly a century, it has provided Hawai'i citizens access to higher education and a higher quality of life. It has helped to make Hawai'i what it is today and what we will be tomorrow. Members of the UH Alumni Association recognize this and are living testaments of pride and support for our institution.

A thriving alumni association is important to the institution and its alumni, but membership is not automatic. As with most public university alumni organizations, UHAA programs and benefits are supported by membership dues. Your dues pay the postage to bring you the award-winning *Mālamalama* magazine free-of-charge and funded the launch of the UHAA online community and our monthly electronic newsletter, *Nūpepa*. Your membership supports freshmen student send-offs hosted by mainland chapters; alumni representation at college recruitment fairs; student programs, scholarships and fellowships; enrichment and career services programs for alumni and other initiatives in Hawai'i and across the globe.

Joining UHAA shows that you care about what UH has meant to you and your family, to Hawai'i and to the world. Most important, it shows you care about Hawai'i's future. UH deserves our commitment and support. Please join UHAA today and help shape the future of our great state!

Mahalo,

Kevin H. Takamori ('88 Mānoa),
Associate Vice President
UH Foundation Office of Alumni Relations
kevin.takamori@uhf.hawaii.edu

Join your alumni association today!

www.UHalumni.hawaii.edu

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Mailing address

City State Zip Country

Telephone (home, work, fax)

Email Birthdate

UH Campus(es) attended*

UH degree(s) Graduation year(s)

Name of spouse/significant other M / F Circle

UH Campus(es) attended*

UH degree(s) Graduation year(s)

Designate one alumni **chapter** from list on reverse side

New member Renewal

ANNUAL MEMBERSHIP (check one)

- \$50 Single \$60 Joint
- \$25 Recent Graduate (within 5 years of graduation)
- \$25 UH Faculty/Staff

LIFE MEMBERSHIP (check one)

- \$750 Single \$1,000 Joint
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*Please include degree and campus information from all UH campuses attended (example: Kapi'olani CC and UH Mānoa)

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Honolulu, HI 96822-2270

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Phone: 808 956-ALUM (2586) **Toll free** 1-877-UH-ALUMS (842-5867)

Email: alumnews@hawaii.edu **Website:** UHalumni.hawaii.edu

Become part of the club

When you join the UH Alumni Association (application on reverse) you can choose from any one of the active alumni chapters listed below.

CAMPUS CHAPTERS

Association of Alumni and Friends of UH Hilo
Association of Kaua'i CC Alumni
Hawai'i CC Alumni Association and Friends
Honolulu CC Alumni Association
Kapi'olani Community College Alumni and Friends Association
UH West O'ahu Alumni Association

UH MĀNOA CHAPTERS

Colleges of Arts and Sciences Alumni Association
College of Business Administration Alumni and Friends
College of Education Alumni Association
College of Tropical Agriculture and Human Resources Alumni Association
Department of English as a Second Language
Dental Hygiene Alumni Association
Engineering Alumni Association
Alumni Association of the John A. Burns School of Medicine
Nursing Alumni Association
School of Architecture Alumni Association
School of Library and Information Sciences Alumni
School of Public Health Alumni Association
School of Social Work Alumni and Friends
Travel Industry Management International, Inc.
William S. Richardson School of Law Alumni Association
Army ROTC Alumni Association
Ke 'Ānuenue Alumnae Association
UH Founders Alumni Association
Te Chih Sheh Alumnae

REGIONAL CHAPTERS

UHAA-Colorado	UHAA-National Capitol Region
UHAA-East (New York Area)	UHAA- Pacific Northwest
UHAA-Greater Midwest Region	UHAA-San Diego
UHAA-Las Vegas/Southern Nevada	UHAA-San Francisco Bay Area
UHAA-Los Angeles/Orange County	UHAA/EWCA-Florida
UHAA-Maui Club	

Congratulations!

Honor the 2006 Distinguished Alumni Award Recipients

Thomas Kaulukukui, Jr. (JD '77)	Robert G. F. Lee (BS '71, MBA '83)
Samuel Koide (BS '45)	Kent Tsukamoto (BBA '78)
Seiji Naya (BBA '58)	Victor Yano (BS '74, MD '78)
Patricia Y. Lee (BA '65, JD '79)	

Save the date: Thurs, May 18, Sheraton Waikīkī Hotel

1-877-UH-ALUMS (842-5867)



The Rev. Catalino and Josefina Cortezan on their 50th wedding anniversary, 1971

A legacy of nurses for Kaua'i

Josefina Cortezan came to Kaua'i to provide medical care to Filipino plantation workers. Like her mother, Josephine Duvauchelles (MS '82 Mānoa) went into nursing. Now the retired nurse and nursing instructor wants her mother's efforts to carry through to another generation.

Duvauchelles and her husband Raymond donated \$25,000 to Kaua'i Community College to establish The Josefina A. Cortezan Endowed Scholarship Fund for Kaua'i nursing students. The fund honors the late Josefina Cortezan, who passed away in 1991 at the age of 95. She was one of the first nurses recruited to Hawai'i from the Philippines in the 1920s. The nurses were needed to assist plantation workers who could not speak English, and Josefina tended Filipino immigrants working on Kaua'i plantations.

"The nurses did everything," Duvachelles says. With the ability to speak two languages, Cortezan served as counselor and court translator as well as nurse and public health educator.

Cortezan and her husband Catalino, a minister, both labored far beyond their assigned duties to assist the Filipino community, including helping ease tensions between Filipinos and Japanese after Pearl Harbor. Duvauchelles remembers being awakened by early morning visitors seeking her parents to mediate disputes in the community. "People would call for my parents from outside the window," she recalls. "My parents worked together. It wasn't just one or the other." —Heidi Sakuma

Campuses: UH Mānoa, Hilo and West O'ahu; Hawai'i, Honolulu, Kapi'olani, Kaua'i, Leeward, Maui and Windward Community Colleges

2000s

Della Au Belatti (JD '03 Mānoa) and **Michael Belatti** (BFA '93 Mānoa; AS '96 Kapi'olani; BS '04 Mānoa) announce the birth of Emma Hoi Yee on May 15.

Mandy Kan (BS '05 Mānoa) is a food and beverage management trainee at The Fairmont Orchid on the Big Island.

Sean Kanda (AAT '00 Kapi'olani; BS '04 Mānoa) was named warehouse/delivery lead at Hawaiian Host.



Matt Kodama (BBA '05 Mānoa), a professional golfer living in Las Vegas, played in the Butch Harmon Vegas Tour in his quest to qualify for the PGA's Michelin Championship.

Robert O'Conner (BA '02 Mānoa), a geographer for NOAA's National Marine Fisheries Service, participates in research cruises to the Northwestern Hawaiian Islands and maps marine habitats. He enjoys sailing, surfing and swimming.



Aaron Ohta (BS '03 Mānoa), named the top engineering student in the nation in 2003, attends graduate school at UC Berkeley, where he works on cell manipulation tools.

Yilin Sun (MS '05 Mānoa) is a rooms division management trainee at the Fairmont Orchid on the Big Island.

Wendell Tuisaula (MBA '05 Mānoa) is director of information technology at Turtle Bay Resort.

Tracie Uchima (BS '05 Mānoa) received the Stan Bates Award as the Western Athletic Conference's top female scholar-athlete for 2004-05. She plans to attend veterinary school at Michigan State University.

1990s

Aaron Akau (BArch '93 Mānoa) is vice president and director of landscape architecture at Belt Collins Hawai'i, responsible for the department's day-to-day operations, staff and projects.



Jennifer Bozeat (BA '95 Mānoa) joined the insurance department in Cozen O'Connor's San Diego office.

Tamara Brooks (BA '96 Mānoa) received a law degree from Georgia State University, was admitted to the State Bar of Georgia and practices real estate law with The Reagan Law Group.

Corbin Doak (AS '97 Kaua'i) has lived and taught English in South Korea for the past two-and-a-half years. See his photography website at www.corbindoak.com/photography.



Carine (Chong) Foo (BBA '95, MBA '98 Mānoa) is controller at Hawaiian Tug and Barge/Young Brothers, overseeing accounting and information systems. She was previously manager of financial planning and analysis.



Joyce Gepitulan (BS '96 Mānoa) is product innovation technician at Hawaiian Host chocolate manufacturer. She helps develop confectionary products and prepare nutritional data.



Denise Glover (MA '93 Mānoa) received a PhD in anthropology from the University of Washington in 2005. Her dissertation discussed medicinal plant classifications of Tibetan doctors.

Joy (Nishie) Hansen (BA '92 Mānoa) wed Paul Hansen in June 2005 in Hollywood, Calif.



Lea Hong (JD '91 Mānoa) was named one of *Pacific Business News's* "Forty Under 40" in 2005 and Hawai'i Woman Lawyer of the Year in 2004. Lea leads the Environmental and cultural resources group at Alston Hunt Floyd and Ing.

Cara Yamaguchi Kakuda (BA '90 Mānoa) is district sales manager and area general manager for Nextel Partners.

Emmit Kane (BA '90 West O'ahu; MBA '96, Mānoa) is spokesperson for the Honolulu Fire Department.

Micah Kane (MBA '95 Mānoa) is director of the Department of Hawaiian Home Lands.

Robert Kover (BS '91 Mānoa) received an MS in medical physics from Purdue University.

Brent Lausterer (BA '92 Mānoa) is group sales manager for the midwest region at the Hyatt Regency Maui Resort and Spa. Brent has been with Hyatt for 10 years.



Michael Nakasone
Municipal maestro

UH degrees: BEd '67, MEd '68 in music education, Mānoa

Roots: Hilo High School

Family: Wife Brenda, son Kenneth, daughter Shelley

Firsts: Bandmaster named state Teacher of the Year; non-Hawaiian to head the Royal Hawaiian Band

UH experience: Provided a level of education that will always be valued and appreciated

Current assignment: Looks at it not as a job, but something that's enjoyable as well as challenging to do

Top-to-maestro describes Michael Nakasone's musical journey. The one-time keyboard player for a local rock band during the '60s (the original Mop Tops) is completing his first year as bandmaster of the Royal Hawaiian Band, the only full-time municipal band in America. In between, Nakasone mastered piano and saxophone and spent 37 years as a music educator, 28 of them at Pearl City High.

"The first time I touched a piano, I realized that music touches the soul in a positive way and provides a sense of solace and fulfillment," he says. "I wanted to share that feeling with students." The career choice involved unexpected sacrifice. Cleaning school restrooms during a 1979 UPW strike, Nakasone acquired a staph infection that invaded his brain, rendering him visually impaired and near death. He underwent brain surgery and made a successful recovery.

Nakasone's vision for the Royal Hawaiian Band includes a cultural advisory board to recommend hula hālau, dancers and singers to perform with the band; expanded outreach and an international campaign to raise funds.

—by George Furukawa



Victoria Heckman

Mystery writer

UH degrees: BA in drama and theatre '86 Mānoa

Home: San Luis Obispo, Calif., with husband and two boys

Quote to live by: "Don't write it right; just write it down."

Mānoa memories: Hanging out on the benches under the stairs of Kennedy Theatre and Roger Long's inspirational Asian theatre course

Current Renaissance fair character: An Irish mercenary

Hālau: Nā Mele O Ke Kai with Kumu Hula Sandy Rodriguez

Red-haired police officer Katrina Ogden, the K.O. of the *K.O.'d in Hawai'i Mystery Series* bears some resemblance to both author Victoria Heckman and a Hawai'i Police Department friend and consultant. "Most of the truly stupid things K.O. does, I've done," Heckman confesses. Her smart move was starting to write about eight years ago. Inspired by people and places she has known, Heckman has her lead character encounter fictional situations based on real events in Hawai'i. Her third book, *K.O.'d in the Rift*, released Sept. 1, touches on the politics of Hawaiian sovereignty. A previous volume is set against a Big Island volcanic eruption and a book in progress visits Kaua'i koi ponds.

A professional actor/dancer and one-time police reservist, Heckman uses her UH training in children's theatre to teach drama, most recently directing San Luis Obispo High School's production of *Dracula* and a wild west melodrama at Cayucof Middle School.

—by Melissa Chua

Thomas Lim (MArch '93 Mānoa) is director of planning and management systems for Mānoa's College of Tropical Agriculture and Human Resources. He previously worked for the Department of Land and Natural Resources' State Historic Preservation Division.

Juliet Manibog (BBA '91, BS '95 Mānoa) married Matthew Delfin Aug. 14 in Hawai'i. They live in Woodland, Calif.

Sachiko Matsunaga (PhD '94 Mānoa) received the Outstanding Professor Award at California State University in Los Angeles, where she teaches Japanese.

Michael Okamoto (BArch '93 Mānoa), is principal at Honolulu architecture firm Next Design and project manager for single- and multi-family residential, retail, commercial and healthcare.

Marlon P. Rimando (BS '90, MD '94 Mānoa) is team physician for Hawai'i Pacific University with the Balance Center of the Pacific. He launched a wellness website, www.rxprevention.com.

Ammie Roseman-Orr (JD '99 Mānoa) and Dangkhua Nguyen announce the birth of Alexander Wilson and Kyle Stephen in July.

Carolyn Sawai (BS '91, MPA '01 Mānoa), a civil engineer with the Honolulu Board of Water Supply, is developing programs to quantify the water lost through leaks.

Sandra Siu (BA '90 Mānoa) is marketing communications specialist at Island Insurance Companies.

Jaydence (Goya) Tamashiro (BBA '98 Mānoa) is marketing director for Hawai'i's *This Week* magazines.

Lori-Anne Tungpalan-Grondolsky (BS '94, MD '00 Mānoa) passed her anesthesiology boards in July. She has worked in Lima, Ohio, since finishing her residency at the Mayo Clinic in 2004.

Roberto Viernes (BA '96 Mānoa) earned the top professional qualification for wine experts, passing the Court of Master Sommeliers master examination in 2005. He is one of the youngest master sommeliers in the world and one of only two in Hawai'i.



Gabriele (Matul) Worst (BA '97 Hilo; MEd '03 Mānoa) and Kanui Worst announce the birth of Mason Kaimana on Jan. 20, 2005, in Hilo.

1980s

Stephanie J. Castillo (BA '84, MBA '00 Mānoa) premiered *Remember the Boys*, at the 2005 Hawai'i International Film Festival. She'll add portraits of her war bride mother and cartoonist Corky Trinidad for the 2006 Filipino Centennial Celebration.



Bennette Misalucha Evangelista (BA '86 Mānoa) is vice president and regional director for community relations at national real estate firm Actus Lend Lease.

Brenda Foster (MBA '85 Mānoa, AAT '97 Leeward) is president of the American Chamber of Commerce of Shanghai. She runs an international consulting firm, ULU Group, and serves on the Mānoa College of Business Administration advisory board.

Elmer Guzman (CC '89, AS '91 Kapi'olani), chef-owner of Poke Stop in Waipahu, published *The Shoreline Chef*.

Lauri (Blake) Harrison (BBA '89 Mānoa) launched PeakUniques.com, an online boutique store offering products designed and made by women across the U.S.

David Heffernan (AAT '80 Leeward, BA '82 Mānoa), is CEO of O'Heffernan Worldwide, which operates USAirCombat.com, manufacturer of custom license frames for veterans. He also teaches at Valencia Community College.

James Herman (BA '89 Mānoa), former consul general in the U.S. Embassy in San Salvador, is the East-West Center's Diplomat-in-Residence for 2005-06. He has served in China, Italy, Japan and Guatemala.

Nadine Kam (BA '82 Mānoa) is style editor for the *Honolulu Star-Bulletin*, handling coverage of fashion, arts, life styles and travel. Her restaurant review, "The Weekly Eater," runs on Sundays.



Carol (Watanabe) Kitaoka (JD '81 Mānoa), an attorney for the Kona Office of the Prosecutor, was honored by the Hawai'i State Bar Association for her pro-bono service.



Dave Kozuki (BBA '89 Mānoa) is director of carrier sales and marketing at Pacific LightNet. He founded Global Pau Hana, an online com-

munity for former and current Hawai'i residents at www.globalpauhana.org.

Leonard Licina (BBA '81 Mānoa) is chief financial officer of Kahi Mohala Behavioral Health and regional executive of the Healthcare Financial Management Association.

Robert Makiya (AS '84, AAT '95 Honolulu; BS '97 Mānoa), a licensed physical therapist, opened SLR Therapy Services to provide physical and occupational therapy services in patients' homes.

Anne Mapes (MBA '84 Mānoa) is chair and CEO at Belt Collins Hawai'i, focusing on corporate and inter-company issues while continuing to serve her clients.



Mary Lourdes Fritz

Materne (AS '87 Hawai'i; BA '89 Hilo; JD '95 Mānoa) is an associate judge of the Palau Supreme Court.

Shawn (Uesugi) Nakamoto (BA '85 Mānoa), Kamehameha Schools' communications services manager, was named the Gregg W. Perry Public Relations Professional of the Year.

Melissa Teves Pavlicek (BA '85, JD '96 Mānoa) opened an office in Honolulu, practicing corporate law, business transactions and government affairs. She is married to **Stephen Teves** (BA '86, JD '90 Mānoa) and serves as vice-chair of the Legal Aid Society of Hawai'i.

E. Bruce Reynolds (PhD '88 Mānoa) is author of *Thailand's Secret War: OSS, SOE and the Free Thai Underground During World War II* (Cambridge University Press) and a professor of history at San Jose State University.

Rodney Roberts (AAT '88 Leeward) received a 2005–06 Fulbright Scholar grant to the University of Cape Town, South Africa.

Harriet Seldin (MBA '86 Mānoa) serves on the Dental Board of California. He is vice chair of the San Diego County Health Services Advisory Board and past president of the county dental society.

Bobby Sohns (AAT '89 Leeward; BA '93 Mānoa; AS '97, CC '03, AS '04 Kapi'olani) joined Greenbrier Restaurant in New York.

Margo (Lumanlan) Takata (BBA '84 Mānoa) is property manager of CB Richard Ellis' Hawai'i's Asset Services Division, in Kailua-Kona.

1970s

Riki Amano (BA '76, JD '79 Mānoa) is president and executive director of the Japanese Cultural Center of Hawai'i. A judge in Hilo for more than 11 years, she completed mediator certification.



Darwin Ching (JD '76 Mānoa) represents O'ahu on the Hawai'i Board of Education. He is an attorney and former teacher.

David Cole (BA '76 Mānoa) is creating a limited liability investment company with America Online founder Steve Case.

Richard DiCrescenzo (BBA '79 Mānoa) wrote the 14-page pamphlet *After a Brain Injury* to assist individuals with brain injuries and strokes.

Alan Fujimori (BFA '78 Mānoa) joined Belt Collins Hawai'i as a principal planner and landscape architect. He is a registered landscape architect in Hawai'i, Massachusetts and Texas.



Walter Harada (MS '70, MS '71 Mānoa) retired as director of planning and management systems for Mānoa's College of Tropical Agriculture and Human Resources. He received the Dean's Award for Outstanding Service.

Stanton Ho (Cert '75 Kapi'olani) is corporate chef for Chocolates a la Carte in Valencia, Calif., after 27 years at the Las Vegas Hilton.

Keith Kogachi (BBA '78, MBA '81 Mānoa) is vice president of investments at Island Insurance Company, evaluating potential investment opportunities and monitoring the company's performance.



Olin K. Lagon (AAT '72 Honolulu; BBA '95 Mānoa) is CEO of Hawaiian Homestead Technology, a subsidiary of the nonprofit Council for Native Hawaiian Advancement. He was previously chief architect for WorldPoint Interactive, a business volunteer for the Peace Corps in Russia and technical assistance director for the Hawai'i Community Loan Fund.

Marc Lizama (AAT '78 Honolulu, BArch '86 Mānoa) is responsible for project design and operations as principal at Honolulu architecture firm Next Design.



Lynn C. Z. Maunakea (MSW '79, MBA '05 Mānoa) is executive director of the Institute for Human Services in Honolulu.

Sabrina S. McKenna (BA '78, JD '82 Mānoa) is first circuit court judge in Honolulu.



Kathleen F. Berg

Dogged educator

Career: Associate specialist/associate director, UH Mānoa Curriculum Research and Development Group; brigadier general, Hawai'i Air National Guard

Roots: Bushnell, Ill.

UH degrees: BEd with distinction in mathematics education '73, MEd in secondary education '80, PhD in educational psychology '92, Mānoa

Family: Husband Steve

Hobbies: Running, science and mathematics

Kathleen F. Berg's promotion to brigadier general in August wasn't the first time she was the first woman in her military post. Hawai'i Air National Guard's first female one-star general became the first female HANG colonel in 2002. Recruited into the guard by her husband in 1977, she commanded the 293rd Combat Communications Squadron at Hickam Air Force Base for seven years. "It was a wonderful way to learn about Hawai'i and the larger community. It kept me from being isolated to just the ivory towers," she says. "It allows me to serve my nation and my community in times of need. I feel like the work is important."

Not that she disdains the full-time university work she's done since 1973. "I am continually learning," she says. "I work with interesting, interested people who challenge me to think and keep current in education and research." Outside her jobs, Berg works with Great Danes. "They are very loving, people dogs and aren't easily roused," she says. "They don't bark a lot; they are actually great house dogs and are very beautiful, majestic animals."

—by Karla Brown



Mervyn E. "Eddie" Roberts

Psychological operator

UH degree: BA in history '84 Hilo

Career: Sergeant first class, U.S. Army Reserves; student in history master's program at University of North Texas

Early job: Math tutor

Hobbies: Editing video, swimming, traveling

Roots: "Air Force brat," lived in Germany, Okinawa, U.S. locations

Family: Wife Gail (nee Yoshida, from Hōlualoa), several cats

In the decade following his 1987 enlistment in the Army, Eddie Roberts served in Germany, Operation Desert Storm, Korea and Somalia. After settling into a job in Fort Worth, he joined the Army Reserves and deployed to Afghanistan as part of a Psychological Operations Team after the collapse of the Taliban and Al Qaeda.

PSYOP Teams worked with Special Forces, traveling back roads and trails to assess people's needs, encourage local leaders and inform people of impending changes. The journal he kept became the basis for *Villages of the Moon: Psychological Operations in Southern Afghanistan*. "I kept the book in journal format in hopes that a person would come away feeling what a deployment is like—the slow times, constantly changing mission orders, high stress times when hundreds of actions are compressed into a few minutes," Roberts says. "I also hope people will understand the harsh conditions under which we are operating. This is crucial to understanding why it is not just a simple act to go up and arrest Osama Bin Laden."

—by John Burnett

Betty (Shimabukuro) Perez (BA '79 Mānoa) is editor of the Today section for the *Honolulu Star-Bulletin*. She also oversees the food section and writes her "By Request" column.



Kathy Sakuma (BA '77 Mānoa) is planning the Starbucks 'Ukulele Festival with husband Roy. They operate 'ukulele studios in Kaimukī, 'Aiea, Kāne'ohe and Mililani on 'Oahu.



Karen Gahan Tarnow (MS '72 Mānoa) is president of the International Nursing Association for Clinical Simulation and Learning.

Howard Todo (BBA '72 Mānoa) joined the UH System as vice president for budget and chief financial officer. Previously with Island Air, he served on the UH Alumni Association Board of Directors.



Jeff Wandtke (BS '75, MBA '82 Mānoa), is a consulting engineer on hardware/software systems on the Airbus 380.

Roberta Ann K. Wong Leung (BBA '70, BA '71 Mānoa) is dean of the School of Hotel, Tourism and Catering Management at Shunde Polytechnic in Guangdong, China.

1960s

Wesley Fong (BA '65 Mānoa) is president and chair of the board of Pālolo Chinese Home. The retired attorney also teaches in Mānoa's School of Travel Industry Management.

Walter Kirimitsu (BA '62 Mānoa), retired judge and UH counsel general, was inducted into Saint Louis School's Gallery of Distinguished Achievers.



Ed Totten (BA '65, MA '68 Mānoa) teaches Japanese language at Los Angeles City and Pierce Colleges in Los Angeles.

1950s

Shige Yamada (BA '55, BEd '56, MFA '66 Mānoa) has bronze models *Maui Releasing the Sun*, *The Gift of Water and Rainbows* in the *Artists of Hawai'i* exhibit at the Honolulu Academy of Arts.

Various

Newly minted mediators recently certified by the Straus Institute of Dispute Resolution include retired judges **Walter Heen** (BA '53) and **Marie (Nakanishi) Milks** (BA '66) and attorneys **Carl Osaki** (BA '82) and **Michael Nauyokas** (JD '89), all Mānoa alumni.

In Memory

Thies Grimes Austin (Ethel Godfrey) (BA '51 Mānoa), an avid traveler, died July 31 in Medford, Ore.

Annette Bilodeau Barnard ('46-'49 Mānoa) died Aug. 22 in Bellevue, Wash. A dedicated educator, she traveled with husband Bud to California, Washington, India and Peru, where she taught math and reading to children.

John L. Canup (MA '75 Mānoa) died Feb. 19 in Bryan, Tex. He was an associate professor of history at Texas A&M.

Julienne Guilbeault (BS '93 Mānoa) died Dec. 28, 2004 in Santa Barbara, Calif. She received her degree in chemistry.



Priscilla G. Harpham (MLISC '70 Mānoa) died Sept. 4 in

Honolulu. A librarian and educator for more than 30 years, she was vice principal at St. Francis School and principal of Star of the Sea High School.

Marijo T. Ikehara (JD '91 Mānoa) died in June 2004 in Bellevue, Wash.

Salam Tamimi (BA '76 Hilo) died June 22, 2003 in Amman, Jordan. She was an accomplished photographer, graphic artist, ceramist and badminton player.

John Tsukano ('46-'48 Mānoa) died in July. The WWII vet published *Bridge of Love* in 1985. He helped establish Mānoa's summer sessions and started a company that brought students, teachers and tourists to Hawai'i.

Daniel Uyemura (BA '74, JD '77 Mānoa), a Colleges of Arts and Sciences alumnus, died July 29.

Post notes at www.UHalumni.hawaii.edu or send to alumnihelp@uhf.hawaii.edu or **Mālamalama**, 2444 Dole St., Honolulu 96822. Please indicate campus(es) attended, graduation year(s) and any name changes.

Basketball with a European accent

by David Driver

Peter Kecskes, 26, spent just one academic year at Mānoa, but it was memorable. Sitting in an outdoor coffee shop in Szeged, Hungary, last June, prior to the wedding of an American basketball teammate, the Hungarian reminisced.

“My family came out for Christmas. It was really a fun experience to not have snow on Christmas,” he said. “To go on the beach on the 25th was pretty neat.”

Just one of many non-Americans who has been part of the Rainbow Warrior basketball program during the past several years, Kecskes is also among the former Hawai‘i basketball players who keep playing by turning pro in Europe. He played last season for MAFC in his native Budapest and is spending the 2005–06 season with Nyíregyháza, in northeast Hungary. Other former Rainbows who played overseas last season include Mindaugas Burneika (Russia), Paul Jesinskis (Finland), Troy Ostler (Belgium), Fabio Ribeiro (Brazil), Predrag Savovic (Spain), Haim Shimonovich (Israel), Luc Arthur Vebobe (France) and Ales Zivanovic (Lithuania).

“Sometimes it gets discouraging because you don’t think you’re getting anywhere, but you have to keep your head up and keep playing hard and something will turn up,” Ostler told the *Honolulu Star-*

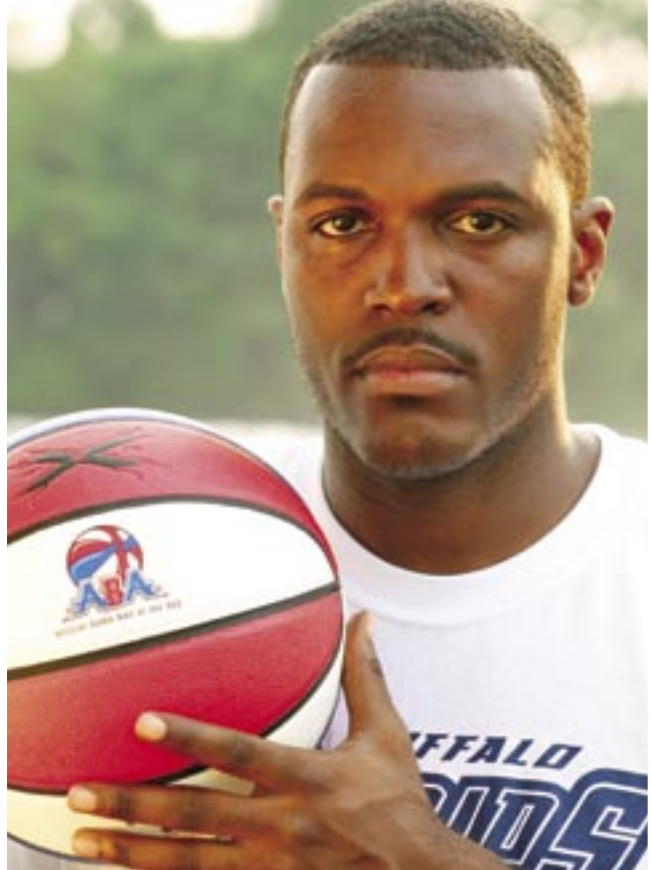
Bulletin in 2003. It did. Ostler, who averaged 16 points per game for the Rainbows in 2000–01, scored about 10 points per game in Belgian league games last season.

He parlayed his success in Belgium to a spot with Navigo in the A league in Italy, which has one of the top circuits in Europe.

Vebobe’s team, Paris Basket Racing, played at home in southeast Paris last January. His team won 72–66 over Reims before a crowd of about 2,000 fans on a cold Saturday night. Basketball is very popular in France—at least five French men played in the NBA this past season, and a book about French pro basketball filled with color action photos can be found at a bookstore on one of the major tourist streets in Paris.

Burneika, who ended his college career in 2002, averaged 12.8 points per game last season for Spartak in Russia. After completing his Hawai‘i career in 2004, Jesinskis averaged nearly 6 points and 5 rebounds as a first-year pro.

Savovic, who averaged 20 points per game for the Rainbows in 2001–02, signed a two-year contract extension in June 2005 to remain in Spain. He was born in Pula, Croatia, a town of about 60,000 people located on the Adriatic Sea in the northwest part of the country.



An MVP in Europe, former Rainbow Warrior Trevor Ruffin returned to his hometown this year to play for the Buffalo Rapids

Pula was once part of Yugoslavia, a region familiar to UH hoops fans who’ve cheered for Milos Zivanovic of Belgrade (Serbia and Montenegro) the past four seasons.

Kecskes had planned to attend Wright State in Ohio, but the head coach there was fired, and the Hungarian big man ended up at Hawai‘i. He remembers his first visit. “On the recruiting visit, they gave me all of the traditional meals—pork and chicken. They gave me all of that stuff,” he says. He was a redshirt during the 1997–98 season at Hawai‘i and eventually earned a degree in computer science from a university in Budapest.

So how does Kecskes, who has played several pro seasons in Europe, compare NCAA Division I college hoops to the European pro circuit?

“It was tough. It is really more physical” in the United States, he says. 🏀

David Driver, a Virginia native and freelance writer, has covered pro basketball the past three seasons from his home in Szeged, Hungary.



Savovic



Vebobe



Ostler



Tensile Involvement

Digital photo illustration

Pieces in *Dance Connection Extension!*, Kennedy Theatre’s annual dance concert Mar. 17–26, connect or extend dancers to the earth, space or each other—some with light, some using props and one incorporating a “cat’s cradle” of huge elastic bands. The latter work will be the Honolulu premier for “Tensile Involvement,” signature piece by composer, choreographer and National Medal of Arts recipient Alwin Nikolais, 1910–1993, who gave American modern dance a new look with his innovative and abstract choreography.

“Nikolais wanted to break down reality into abstracted bits that were actually extractions or distillations. So, rather than his work being removed from life, his abstraction deals in essences,” says Mānoa Professor of Dance Elizabeth Fisher.

For information, 808 956-7655 or www.hawaii.edu/theatre

More on Nikolai at www.nikolaislouis.org

Your future medical care just got better...



Bernice Char Loui knows that supporting state-of-the-art medical education pays dividends in excellent future medical care for us all. That's why she made a gift to endow the Bernice Char Loui Clinical Skills Room at the John A. Burns School of Medicine's new Kaka'ako complex. Here medical students develop the skills they will use as medical professionals who will competently and humanely maintain and enhance the health of their patients.

But that's not all Mrs. Loui has done. In addition to her many valuable gifts over the years, Mrs. Loui has also designated a portion of her estate to support other valuable areas of knowledge being

advanced at the University of Hawai'i.

Gifts and bequests like Mrs. Loui's help the university go above and beyond what is possible with state funding alone. As we approach the centennial of the University of Hawai'i, we salute and thank Mrs. Loui for her legacy of care for our entire community.

You, too, can make a bequest, large or small, to support any of the University of Hawai'i's ten campuses statewide. You don't have to be wealthy, just willing. For information on named gift opportunities or on how to leave a bequest to the University of Hawai'i through your will or trust, please contact, in confidence, the Office of Gift Planning at 808-956-8034 or at giftplanning@uhf.hawaii.edu.



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arts etc.



LECTURES

Feb 28 Intersections art lecture by Stuart Kestenbaum, writer, poet and art advocate; Mānoa, 808 956-8251

Mar 23–24 Alexander McCall Smith, author of The No.1 Ladies Detective Agency series and other works; Mānoa, www.hawaii.edu/uhm/dls or 808 956-9405



Apr 4 Christine Christophersen, Aboriginal Australian painter and filmmaker; Mānoa, 808 956-8251



ETC

Jan 28 Science Bowl; Honolulu Community College, 808 845-9407

Feb 21–23 Multiethnic Families Conference; Mānoa, <http://uhfamily.hawaii.edu/>

Apr 7–8 International Night performances; Hilo's Performing Arts Center, 808 974-7313 or rrobsion@hawaii.edu,

Apr 8–May 12 Festival of undergraduate research and creative projects; Mānoa, 808 956-8391 or honors@hawaii.edu

Apr 28 Maui Literary Circles Festival for authors and students; location to be determined, 808 984-3500

Apr 30–May 6 National Astronomy Week with Institute for Astronomy Open House at Mānoa and AstroDay in Hilo; www.ifa.hawaii.edu and www.astroday.net



May 6 Honolulu CC Fashion Show; Radison Waikīkī Prince Kuhio Hotel, 808 845-9203 or joy@hcc.hawaii.edu

PERFORMANCES

Feb 4 *MacHomer*, Rick Miller channels the voices of *The Simpsons* in a one-man performance of *MacBeth*; Leeward Theatre, 808 455-0385 or <http://lcctheatre.hawaii.edu>

Feb 10–19 *Women Generals of the Yang Family*, Jingju play in English; Mānoa's Kennedy Theatre, www.hawaii.edu/kennedy or 808 956-7655

Feb 17–26 *Oklahoma!*; Hilo Performing Arts Center, <http://performingarts.net/Theatre> or 808 974-7310

Feb 18 Kronos Quartet; Mānoa's Orvis Auditorium, 808 95-MUSIC or www.hawaii.edu/uhammusic



Mar 1

Just a Closer Walk with Thee: The Sacred Sounds of New Orleans and Southern Gospel with the Dixie Hummingbirds and



Dirty Dozen Brass Band; Hilo Performing Arts Center, <http://performingarts.net/Theatre> or 808 974-7310

Mar 3

Belcea String Quartet; Mānoa's Orvis Auditorium, 808 95-MUSIC or www.hawaii.edu/uhammusic

Mar 18

Ballet Folklorico de Philipinas; Mānoa, www.outreach.hawaii.edu, 1 877 750-4400

Mar 19

Birthday concert for Donald Reid Womack, with Mānoa Music Department faculty performances of his compositions; www.hawaii.edu/uhammusic or 808 95-MUSIC

Mar 24

Matato'a, traditional dance and music of Rapa Nui with modern beats; Leeward Theatre, 808 455-0385 or <http://lcctheatre.hawaii.edu>

Apr 4

Brentano String Quartet with cellist Mark Votapek; Mānoa's Orvis Auditorium, 808 95-MUSIC or www.hawaii.edu/uhammusic

Apr 8

Fugate/Bahiri Ballet NY; Leeward Theatre, 808 455-0385 or <http://lcctheatre.hawaii.edu>

Apr 21–30

Eugene Ionesco's *Rhinoceros*; Mānoa's Kennedy Theatre, www.hawaii.edu/kennedy or 808 956-7655



Apr 30

UH Hilo Orchestra and Choral Ensemble and guests perform Mozart Requiem in D minor; Performing Arts Center, 808 974-7310 or <http://performingarts.net/Theatre/>

EXHIBITIONS

Thru Feb 17

Japanese Embroidery on obi, kimono and wall hangings from the Kurenai-Kai embroidery center; Mānoa Art Gallery, 808 956-6888 or www.hawaii.edu/artgallery

Feb 6–Apr 21

Pacific States Biennial National Print Exhibition; Hilo Art Gallery, 808 974-7307

Mar 5–Apr 13

9th International Shoebox Sculpture Exhibition; Mānoa Art Gallery, 808 956-6888 or www.hawaii.edu/artgallery

Apr 23–May 12

Annual BFA Exhibition featuring student work; Mānoa Art Gallery, 808 956-6888 or www.hawaii.edu/artgallery

