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UH is an equal opportunity/affirmative action institution. This publication available in alternate form for people with print disabilities.



Vice President for Academic Affairs David McClain, above, was named acting University of Hawai'i System president in June. McClain joined UH Mānoa in 1991 as the Henry A. Walker Jr. Distinguished Professor of Business Enterprise and served as dean of the College of Business and First Hawaiian Bank Distinguished Professor of Leadership and Management. He previously served as senior staff economist on President Jimmy Carter's Council of Economic Advisors and head of global economic information services for a private sector firm.

In a mediated resolution to a dispute with the Board of Regents, Evan Dobelle resigned as UH president effective Aug. 14 and assumed a two-year, non-tenured faculty position. The parties resolved their dispute with no finding of fault on either side, according to the joint statement issued with mediator Warren Price. "While there is sure to be public and media speculation and comment about this resolution," the statement continued, "it is time to place the university and community first and to look to the future."

#### Strive for the highest

Aloha! I am honored to serve the University of Hawai'i, and to work with our Board of Regents and our dedicated faculty and staff to provide our students with the educational experiences that transform their lives and Hawai'i's society.

UH is on the threshold of its 100th anniversary, and we have begun plans for an extraordinary celebration. As we approach this landmark event, our goal is simple—to increase the value of your degree. We will do so by pushing back the frontiers of knowledge while serving our community. Our motto in this extraordinary endeavor comes from Queen Kapiʻolani: kūlia i ka nuʻu, strive for the highest.

David McClain Acting President

ind Mi Clair

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On the cover: Award-winning news photographer PF Bentley covered campaigns and presidencies through four U.S. administrations, gaining unprecedented behind-the-scenes access to Bill Clinton's first run for the White House. Samples of this UH alum's photos and the story of his journey from campus to capitol appear on pages 9–11.



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#### Maui center gives 101 degrees

here can you get diplomas from three universities in one ceremony? The UH Center on Maui presented 87 bachelor's and 14 graduate credentials in May. Students studied at Maui Community College's Kahului campus and education centers at Hāna and on Moloka'i and Lāna'i. Among the most popular degrees—bachelor's in education and master's in accounting from Mānoa, bachelor's in business from West O'ahu and bachelor's in marine science and computer science from Hilo. UH also has University Centers on Kaua'i and in West Hawai'i.

#### Maui trio takes saintly history and illegal brew to Scotland

aui faculty members Vinnie Linares, Ginny Morgan and Alf Wolf shared different takes on history at the Edinburgh Fringe Festival, the world's largest arts festival, in August. Linares, an English professor, played *Damien*,

Aldyth Morris' one-man play about the Belgian priest who served the Moloka'i leper colony during the 19th century. Morgan and Wolf teach math and co-direct Early Music Maui. They played Johann Sebastian Bach's "Coffee Cantata," a musical satire about the days when coffee was illegal, on cello and viola da gamba. "Bach is one of the most 'mathematical' composers," says



Morgan. The married couple demonstrates the relationship between math and music at the campus each semester.

For information about the Fringe Festival, visit www.edfringe.com. —Karla Brown

#### Tuition lower than many parents think

any Hawaiʻi parents greatly overestimate the cost of UH tuition. In a survey by UH's GEAR UP, 202 high school parents from low-income communities pegged Mānoa undergraduate tuition at about \$23,000 a year, nearly seven times the actual cost of \$3,312 for residents. The estimate for UH community college tuition was \$19,000, 17 times the actual \$1,080 bill. Hawaiʻi isn't alone; nationally, parents and students overestimate tuition at public four-year universities at twice the actual cost.

GEAR UP, which stands for Gaining Early Awareness and Readiness for Undergraduate Programs, is a federally funded local collaboration working to prepare students for college. Project Director Susan Kanagawa calls on everyone—students, parents, teachers, community members, local businesses and government—to provide high school students and their families with positive, accurate information about college, including tuition costs, admissions, financial aid and the benefits of a college degree. For information, visit http://gearup.hawaii.edu or call 808 956-3879 or toll free at 1 866 808-GEAR (4327).

—Karla Brown

#### Talk about chicken skin

ne year after the death of popular folk historian and storyteller Glen Grant, a gift completed the endowed scholarship fund that bears his name. Scholarships can now be issued to graduate students in Mānoa's American studies department, where Grant fascinated classes with tales of local figures and supernatural occurrences. Grant also taught at Kapi'olani and entertained the public through his writings, radio programs and walking tours.



#### **Edgy dressing with Acid Dolls**

eminine yet edgy is what you'll find in the fashion brand Acid Dolls, created by Mānoa apparel product design and merchandising 2004 graduates Cindy King and Cecilia Kim. Their first line for women, Urban Couture, is street clothing they describe as "part corrosive, part cute." The fashionistas debuted their handmade garments as student designers in Kapi'olani CC's French Week last fall. This summer, their Beach Couture line hit Town & Country Surf stores, targeting the surf market in Hawai'i. Since launching of their e-store in March, the women say that business has been strong. The locally made clothing, priced at \$30 to \$100, can be viewed at www.aciddolls.com.



Second chance: Missed Hamilton Library's *Treasures of Okinawa* exhibit? A bilingual look at the Frank Hawley Collection is now available online thanks to the efforts of library and information sciences graduate student Yoko Kudo, Mānoa library staff and a Center for Japanese Studies National Resource Center grant. See it at www.hawaii.edu/asiaref/japan/special/exhibit/exhibit.htm.

Correction: The Samuel N. and Mary Castle Foundation provided half of the \$180,000 funds distributed under the first round of Hawai'i P-20 Initiative grants to improve the quality of education. The donor was incorrectly identified in the May issue.

## 2004 Regents' Medals

### Excellence in Teaching

#### **Ron Amundson**

Professor of philosophy, Hilo

#### **Richard Brislin**

Professor of management and industrial relations, Mānoa

#### **Danielle Conway-Jones**

Associate professor of law, Manoa

#### Kauka de Silva

Professor of art, Kapi'olani

#### Larry Fujinaka

Professor of psychology, Leeward

#### William Haning II

Associate dean of medicine, Mānoa

#### **David Krupp**

Associate professor of biological science, Windward

#### Meta Tjan Lee

Assistant professor of medicine, Mānoa

#### Lena Low

Associate professor of economics, Honolulu

#### **Paul Lyons**

Associate professor of English, Mānoa

#### Joni Onishi

Professor of accounting, Hawai'i

#### **Mary Summers**

Assistant professor Hawaiian studies and French, Kaua'i

#### David Yang

Professor of accountancy, Manoa

#### **Robert Wehrman**

Instructor of music, Maui

#### **Excellence in Research**

#### Alexander Krot

Researcher, Hawai'i Institute of Geophysics and Planetology, for work on the petrology of meteorites

#### **Mark Martindale**

Associate professor, Pacific Biomedical Research Center, for work on evolutionary developmental biology

#### John Tonry

Astronomer, Institute for Astronomy, for work on distant supernovae

#### Gift of knowledge lets donors Honor with Books

ooking for a gift that makes a lasting impression? A \$100 donation to UH Mānoa Libraries Honor with Books program allows you to designate a personalized bookplate in a tome in the subject area of your choice. Or do like Aspect Technologies and endow a collection fund for a custom-designed plate in all books purchased from the fund's interest. For information, contact Dana Myers, library director of development, at 808 956-8688 or dana.myers@uhf.hawaii.edu.



#### Farm partnership helps Leeward families

" o panic, go organic," isn't just about fresh produce. MA'O Farms' motto describes the values and vision of a partnership between Leeward CC and Wai'anae Organic Agriculture Center that is improving nutrition and providing sustainable and culturally appropriate economic opportunities for low-income families.

The Māla 'Ai 'Ōpio (MA'O) Food Security Initiative grew out of community discussions on O'ahu's Leeward Coast over issues concerning agriculture, youth, Hawaiian culture, land and the ice epidemic. It provides life skills to youths at high risk for unemployment, illiteracy and dropping out of school. "We knew organic agriculture would be ideal because it truly matched our community's values and vision," says Gary Maunakea-Forth, MA'O farm manager.

Each year 12 youth from Wai'anae and Nānākuli earn \$450 a month in stipends for participating in a 10-month training program at the farm. Immersed in every aspect of organic farming, they learn skills from crop management to budgeting. They co-manage the farm, plant and harvest crops, sell through farmers' markets and speak at conferences and to visiting groups, says Maunakea-Forth. Several students have gone on to full-time jobs in agriculture and farming.

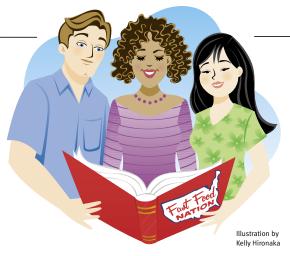
—Allison M. Chung (BA '03 Mānoa)

#### Logo update

he Board of Regents could consider a new logo for the UH System at its September meeting. Six designs were received from three graphics firms in July and placed online for public viewing. An evaluation committee was reviewing the designs for a recommendation to the board at press time. See www.hawaii.edu/news/brand.html for updates.

## Common book spurs community read-along

magine the potential if an entire community reads the same book at the same time. Windward Librarian Brian Richardson has, and he invites campus and community to read Eric Schlosser's Fast Food Nation:



The Dark Side of the All-American Meal this fall. The book details how food industry trends have reshaped the nation's diet, landscape, economy and workforce. Anyone can attend public events expanding on themes in the book; students can earn one humanities credit. The common book concept is used by Otterbein College to build community among incoming students as well as an American Library Association conference and the entire city of Chicago. For information on Windward's program, email richards@hawaii.edu or visit http://library.wcc.hawaii.edu/CommonBook.

#### **Accreditation news**

he Western Association of Schools and Colleges extended UH Hilo's accreditation through 2014, commending the campus for its bold vision in serving the Hawaiian community and progress toward becoming a comprehensive university. At Mānoa, the Department of Psychology's Clinical Studies Program was reaccredited for the maximum seven years by the American Psychological Association and the John A. Burns School of Medicine, for eight years by the Liaison Committee on Medical Education.

#### 2004 honorary degrees presented

he University of Hawai'i Board of Regents conferred honorary doctors of humane letters on three community leaders during May commencements. Maui Land and Pineapple CEO and former AOL executive David Cole was recognized at Mānoa. Pacemaker developer and UH Hilo benefactor Earl Bakken was recognized in Hilo. Successful small businessman Charles Nishioka was recognized at Leeward Community College.

#### The beauty of brains

onolulu's 2004 Cherry Blossom queen, Meredith Tsutayo Kuba, is also a UH Achievement Rewards for College Scientists scholar. The 26-year-old Punahou graduate is pursuing a PhD in chemistry, working on advanced hydrogen storage materials with a Mānoa research team headed by Professor Craig Jensen that is seeking efficient energy alternatives to oil.



#### **New certificates offered**

ānoa now offers an undergraduate certificate in peace studies through the Spark M. Matsunaga Institute for Peace and an interdisciplinary graduate certificate in disability and diversity studies through the College of Education.



Exhibits, hands-on activities and observatory open houses marked the construction site blessing for the Mauna Kea Astronomy Education Center (above) on June 30 in Hilo's University Park of Science and Technology. Sen. Daniel K. Inouye, Hawai'i Mayor Harry Kim and NASA representatives joined UH officials to celebrate the \$28 million, 40,000-square-foot center expected to open in 2005. Hilo also blessed the renovated North Hawai'i Education and Research Center—classrooms, computer labs and offices in the old Honoka'a Hospital—in August.



## Hawai'i families find quality time

hree out of four Hawai'i families spend quality time together and communicate well, according to research by Mānoa's Center on the Family. "It's not surprising given the value that our families place on 'ohana," observes Ivette Rodriguez Stern, coordinator of the center's Hawai'i Family Touchstones project. Island families want to perpetuate a strong, happy family life and community service as goals for their children, although they find it a challenge to balance family life with job demands and financial obligations, Stern says. Hawai'i residents give more to charity but vote less often than mainland counterparts. These and other observations about Hawai'i families can be found in articles and data available at www.uhfamily. hawaii.edu.

#### Take a deep breath...

he discovery of two oxygen-laden proteins in early microbes sheds light on the evolution of oxygen-carrying hemoglobin and the diverse life forms that depend on it to survive. An outgrowth could be development of substitutes for blood, researchers say. The oxygen-carrying protoglobins were identified in two species of archaea, primitive single cell organisms, by Professor of Microbiology Maqsudul Alam and colleagues at the Maui High Performance Computing Center and University of Texas Southwest Medical Center. Their paper in the *Proceedings of the National Academy of Science* was an early graduation present for lead author Tracey Freitas, a 1992 Pearl City High School graduate who began working as a member of Alam's team as an undergraduate seven years ago. She was expected to graduate with her master's in August 2004.

#### Resistant staph found in water at O'ahu beaches

ntibiotic-resistant staphylococcus bacteria have been found in water samples from several popular O'ahu beaches, and studies indicate they can survive several hours in warm seawater. But that's no reason to avoid the beach, according to Water Resources Research Center microbiologist Roger Fujioka. For one

thing, methicillin-resistant Staphylococcus aureus represents just 1 percent of the staph found in the water. Ubiquitous on land, it lives on the skin of one in three people.



They carry it into the water with them, which accounts for the highest levels being found during the day at crowded beaches. Bathing after swimming affords protection, says Associate Professor of Medicine Alan Tice, who is working with Fujioka to establish a standard for water monitoring.

#### Sweet potato plays important role in Hawaiian history

arge scale sweet potato farming on Maui and Hawai'i was largely confined to the leeward slopes of their more recent volcanoes. Why? Evidence reported in the June 11 issue of *Science* suggests nutrient-rich soils and adequate rainfall were most abundant there. Mānoa Professor of Anthropology Michael Graves, who spent the summer on an archaeological dig at Kohala on the northern tip of the Big Island, says the success of the labor intensive crop supported population growth and exports. As dryland agriculture was pushed to its limits in the late 1700s, however, per capita production declined and aggressive chiefs competed for other resources, contributing to the rise of Kamehameha I. More about the Hawai'i Archaeological Research Project at www.harp.hawaii.edu.

#### Gender research update

avid Reimer's suicide in May was a sad addendum to work by a Mānoa medical school sexologist (*Mālamalama*, January 2002). Milton Diamond's 1997 coauthored paper about Reimer crushed long-held beliefs that gender reassignment is successful and appropriate treatment for male babies whose genitalia are deformed or damaged. Diamond described Reimer's resistance to being reared as a girl after a botched circumcision and, once he knew the truth, medical procedures to reclaim his male identity. A family history of depression and separation from his wife no doubt contributed to Reimer's death, but Diamond is convinced the trauma of sex reassignment was a factor. "David was a hero" for sharing his story, known as the John/Joan case, which saved others the same grief, Diamond says.

#### **Ironing out greenhouse gasses**

Seeding the ocean with iron could produce blooms of microscopic plants that would absorb tons of carbon dioxide from the atmosphere. But Mānoa ocean-ographer Robert Bidigare isn't ready to recommend the measure as a cure for global warming from greenhouse gasses. Bidigare was among scientists from 18 institutions who added iron to nine-mile sections of the Southern Ocean to simulate ice age conditions. Resulting massive blooms of plant and animal plankton were reported in the April 16 issue of the journal *Science*. A portion of the carbon dioxide absorbed through photosynthesis sank with the plankton. What isn't known, Bidigare points out, are possible negative consequences, such as depleted oxygen for bottom dwelling fish or rise of toxic algae.

#### Sugar still sweet for Hawai'i economy

awai'i has only two sugarcane farms left, down from 55 in 1990, yet sugar remains a vital contributor to the state's economy, according to College of Tropical Agriculture and Human Resources researchers Junning Cai and PingSun Leung. Had the remaining farms closed in 2002, Hawai'i would have lost \$264 million in direct sales, \$137 million from the gross state product and \$9.4 million in state taxes. The loss of 2,570 jobs—2 percent of the workforce on Kaua'i and Maui—would have reduced labor earnings by \$71 million. Noted but not quantified was loss of an aesthetic landscape pleasing to tourists and residents alike.

#### O'ahu eateries remembered



ince the 1920s, more than 70 restaurants on Oʻahu were owned and operated by immigrants from Oroku, Okinawa, and their descendants. American Cafe, Hibiscus Cafe, Columbia Inn, Kaimukī Inn and Times Grill are among the restaurants remembered in *The Oroku, Okinawa Connection*, a transcript of interviews with owners, employees and patrons conducted by the UH Center for Oral History. Funding was provided by the Hawaiʻi United Okinawan Association, Japanese Cultural Center of Hawaiʻi, Hawaiʻi Pacific Rim Society, UH Social Sciences Research Institute and the UH Foundation. The 450-page document is available at UH and state regional libraries.

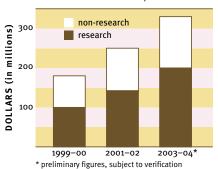


#### Hawai'i a century from now

young couple living in Hawai'i in 2054 travels around O'ahu discovering many things in Rick Ziegler's latest what-if book-gondolas in Waikīkī, a seawall barrier protecting downtown Honolulu, deepening social and economic strife in Leeward O'ahu and a new political coalition. The Honolulu Community College history professor, who previously imagined life in Hawai'i had Japan captured the islands in World War II, writes about Hawai'i after 50 more years of global warming and sea level rise. Earthquest Hawai'i 2054 blends projections from the United Nations Report on Climate Change with social trends and political insights. Ziegler also suggests actions we can take now to avoid his scenario. Earthquest is available at Barnes & Noble and most Waldenbooks.

#### **Extramural funding increases**

UH grants, contracts and other awards detailed at www.hawaii.edu/ors





## Research on medicinal flora and AIDS brings graduate student back to Tanzania

nthropology doctoral student
Heather McMillen was always curious about Tanzania, the African
nation her parents left when she was still
a baby. So a 1998 Fulbright fellowship
served a two-fold interest—the chance to
visit the land of her birth and an opportunity to begin research on ethnomedical
systems. This summer she returned, supported by the Society for Ethnic Botany
and Achievement Rewards for College
Scientists, to assist in efforts to manage
the country's natural resources.

In Tanzania, as elsewhere, plants are valued for cultural and healing powers, among other uses for people's livelihood. About 2 million Tanzanians affected by HIV rely on medicinal properties of native flora since retroviral therapies for the epidemic are not available to them. Healers know which plants treat common afflictions, including herpes zoster, candida albicans (oral thrush) and other fungal infections, that opportunistically infect HIV/AIDS patients. In the region of Tanga, McMillen discovered that a single healer provides 200 patients each with four pounds of plant medicines every month. Understanding what drives the plants' availability is critical to managing both human health and the country's natural resources, McMillen concludes.

Proficient in Swahili, she works with healers to ensure a supply of the medicinal plants without creating a negative impact on the country's biodiversity and ecosystems. Local healers and lay people understand these connections, she observes. Scientists are beginning to grasp the importance of addressing health and conservation issues together.

#### Who brings biomedical engineering to UH? Yan can

uling Yan stands firmly where engineering intersects with medicine. It's not a crossroads so much as merging paths on the road to better health-care. Yan is a Mānoa Department of Mechanical Engineering biomedical engineer. She applies concepts from engineering, medicine and biophysics to diagnosis and treatment of human health problems. Her background (degrees in mathematics and mechanics, a doctorate in mechanical engineering and solid research training) allows her to see common underlying principals in the workings of biological and mechanical systems.

"What is exciting about these studies is the discovery of a synergy between engineering and biology research," Yan says. "The real reward is to see how my research, discoveries and inventions are used by health practitioners to improve lives and to share this knowledge with my students."

Since joining UH in 2002, Yan received a National Science Foundation award for \$321,000. She collaborates with University of Wisconsin-Madison communicative disorders researcher Diane Bless and Michael Holtel, chief of otolaryngology at Tripler Army Medical Center. They are developing techniques to use high-speed imaging data of the larynx, or voice box, and vocal signals, such as acoustic data, to understand the mechanism of voice production and diagnose voice disorders like laryngeal cancer and Parkinson's disease. A new high-speed imaging system at Tripler, the first of its kind in the state, helps analyze patients' disorders. It will lead to devices for real-time endoscopic examination of patients and diagnosis from remote sites using telemedicine communication.

Yan also works with husband Gerard Marriott, a University of Wisconsin-Madison physiologist, on a National Institutes of Health–funded project to develop new imaging technologies to investigate heart disease.

While UH has no formal program in biomedical engineering, the College of Engineering is working on a strategic plan. Dean Wai Fah Chen hired new faculty members John Allen, Weilin Qu, Lily Laiho and Peter Berkelman this fall to create what he calls "a cluster of quality for rapid growth in biomedical engineering research." The college will collaborate with the John A. Burns School of Medicine on innovative ways to diagnose disease and monitor the human body. "Miniaturized medicine is the future of patient care and will have an enormous impact," says JABSOM Dean Ed Cadman.



Mānoa has great potential to become a leader in the field, Yan says. "With the exciting developments under way at Kaka'ako, the state will see tremendous growth in biomedical research that will require a new generation of researcher-educators to train students, conduct cutting-edge interdisciplinary research and promote an innovative environment that leads to spin-off companies and the growth of a biotechnology industry in the state."

by Arlene Abiang, (BA 'o1 Mānoa), an External Affairs and University Relations public information officer



## **Hula Girl Ties in the White House**

PF Bentley brings his own style to photojournalism

by Bill Harby

Bill Clinton and George W. Bush have at least one thing in common: both are perplexed by PF Bentley's hula girl neckties.

Inauguration Day, 2001. Clinton is welcoming his replacement to the White House. Bentley is capturing the changing of the guard for *Newsweek* magazine. He has photographed once-and-future presidents, dodged paramilitary gunfire, drunk beer with Manuel Noriega and eaten beans and rice with El Salvadoran guerillas.

"Ya'll know PF, huh?" says Clinton.

"Oh yeah, everybody knows PF," replies Bush. "My daddy knows PF, I know PF, everybody does."

"Where does he get those ties?" asks Clinton.

"I don't know, but they're hideous," replies Bush.

A professional photojournalist avoids becoming part of the tale. This time, however, Bentley has to have his say. "I took the two of them by their elbows, and I say to them, 'The two most powerful dudes in the whole wide world don't have anything else to talk about but my ties?"

Bentley wasn't wearing a hula girl tie nor had he met any

world leaders in 1975 when he applied for photojournalist jobs at Honolulu's *Star-Bulletin* and *Advertiser*. He had just graduated from Mānoa with a BA in education, and he knew he wanted to be a photojournalist. The editors told him to go out into the world, get some experience, and then come see them. He took the first part of their advice. He photographed rock concerts for the Honolulu alternative weekly *Sunbums*, fine tuned his craft and headed for the mainland.

After a stint at the San Francisco Bay Guardian and six-months traveling through Europe, Bentley went to New York, where he met Neil Leifer (later a top Time/Life sports photographer). Leifer encouraged him to work for the newsweeklies, and Bentley made his name shooting American and international politics. He also produced and shot several half-hour segments for Ted Koppel's Nightline, contributed to best selling book projects and published two books of his own photography. Among his numer-

Bentley, with College of Education Dean Randy Hitz, received the college's 2004 Award of Distinction. He is finally making use of his Mānoa education degree, teaching at the prestigious Brooks Institute of Photography in Santa Barbara, Calif.



The Clintons share a private moment in the White House. Under an unprecedented agreement, Bentley had total access to the election team during Clinton's first presidential campaign

ous awards is an unprecedented five first places in the University of Missouri School of Journalism's prestigious Pictures of the Year.

Along the way Bentley became a familiar face to the powerful and once-powerful. When Haitian President Jean-Bertrand Aristide was removed from his country and office by United States sleight of hand in 1994, Bentley accompanied three *Time* senior editors to the secret Washington, D.C., location where Aristide was staying while he tried to engineer a return to power. Bentley had met Aristide years before, when the future president was just a priest. At their reunion, Aristide hugged Bentley, and there was much kissing of cheeks. One editor asked, "Is there any world leader on earth who isn't on hugging terms with PF?"

The job's not all hugs. During a 1987 Haiti trip to cover the aborted presidential campaign, Bentley and other journalists arrived at a school minutes after the infamous

Tonton Macoute paramilitary gunmen of "Baby Doc" Duvalier murdered 22 people. The Tontons returned and opened fire. An English reporter running just one step ahead was hit in the calf. Bentley hid him under a stairwell, and then ran with another journalist through the narrow streets, jumping over walls and barely escaping to the safety of their hotel.

Bentley prefers covering presidential races in the U.S. "Here, the campaigns are more controlled," he says with a grin. In reality, he chafed under the controls placed on the Reagan-Mondale campaign in '84 and Bush-Dukakis in '88. Bentley was one of many "pool" photographers limited to shooting photo ops staged by the candidates' handlers.

Though he won Picture of the Year awards for both campaigns, he felt hobbled. "I had an idea: What if I could get in and take real pictures and go wherever I cared to anytime?" During the 1992 primary, Bentley asked Clinton if

he could travel with the team and have total access. "My deal was that I would be there, but I

## Is there a world leader not on hugging terms with PF? an editor asked

would never talk about any details of what I'd heard," says Bentley. "But I told him, too, that I need to trust you that you're never going to act because I'm here." After a 10-day trial period, Bentley says, senior campaign strategist Paul Begala told him, "PF, you can't leave."

"I became part of the campaign." But not part of the campaign team, he insists. Bentley says he isn't a court portraitist, intent on creating flattering images. "All I'm there to do is record history." Asked if he's a Democrat or Republican, he responds, "I'm a journalist." He doesn't vote because "I want to keep what I do pure."

His groundbreaking access to the Clinton campaign culminated in his first book, *Clinton, Portrait of Victory*. Similar unfettered access to Newt Gingrich's first 100 days as Speaker of the House of Representatives yielded his second book, *Newt, Inside the Revolution*. The large-format photo books are intimate black-and-white records of pivotal moments in American history.

Bentley contributed to a pivotal moment in the history of photography. He was among the first photojournalists to



"Ya'll know PF?" Bentley was both the recorder of history and the topic of discussion during the ceremonial transition of the Oval Office

abandon film in favor of digital cameras, and the darkroom, for the computer. "You don't have to call up the courier and have them be at the corner of Elm and 8th at 2 p.m. as you drive by on a campaign," he says. "You don't have to call editors and have them pick out the pictures you want. You don't have to call the *Time/Life* darkroom and tell them how to burn it and dodge it. You can do it all."

#### PF's Hawai'i highlights

fter his parents' divorce, 10-year-old New York native Bentley moved to Hawai'i with his mother. "When we landed in Honolulu, I got to that air-plane door, and it was like I had just looked at Oz."

Living in Waikīkī, he was taken under the wing of the beach boys. "They taught me what it was to be Hawaiian. They taught me to be humble and let other people talk about you. What you do tells all."

Bentley attended 'Aina Haina Preparatory Academy and UH Mānoa. Professor of History Gavin Daws had an impact. "We had to walk down to the Varsity Theater in the old days. He would talk for an hour, and [his words] just hold you."

While at UH, Bentley bought his first camera, a used Minolta. From his first roll of film he sold a pretty sunset sailboat shot to a postcard publisher for \$35. "I thought, hey, this is pretty cool."

Bentley and his wife Cathy Saypol, a publicist who's had more than a few clients within the Beltway split their time between Kona and New York...and Washington and the rest of the world. Bentley would like to help UH establish a program for photojournalism.

Who knows, he may even shoot some for the Honolulu papers. It wouldn't be the first time. Bentley covered Sen. Daniel Akaka's last swearing-in for the *Star-Bulletin*. He positioned himself for a good view of Akaka shaking hands with Vice President Al Gore, but Akaka kept his back to Bentley. "I'm going, 'Could you turn here please? Could you turn here please?' and he wouldn't turn. So finally, I go, 'Eh Braddah, pehea 'oe?!' [How are you?]. Akaka turns and I go, 'Hey, howzit brah?' And I got it."

Rarely has a hula girl necktie seemed so at home in the nation's capital.  $^{ \mathfrak{M} }$ 

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

#### Shoot with the pro

Bentley will hold a digital photography workshop Dec. 6—10 on the Big Island at the Waikoloa Beach Marriot. He will donate a percentage of the proceeds to the UH Foundation for each UH alum who signs up; go to www.pfbentleyworkshops.com. Bentley will also donate a portion of the price of any print purchased by a UH alumnus; see www.pfpix.com.













Homeland defense takes on a new meaning when you're battling

## Invasive Species

by Kristen K. C. Bonilla

awai'i's lush green lands, fresh air and pristine waters attract more than six million visitors per year. Some decide to call the islands home and become an integral part of the economy and society. Other visitors slip in quietly, even accidentally. Some find the environment perfectly suited for their survival and put down roots, literally and figuratively. Far from benign, these residents cause millions of dollars in crop losses, endanger native species, destroy native forests and spread disease.

No wonder they're called invasive species.

Miconia, coqui frogs and West Nile virus are just the beginning. They and less well-known invaders threaten Hawai'i' ecosystems, economy and, ultimately, the quality of life for residents and visitors.

#### A united front

Government agencies and grassroots organizations have united to take the offensive in the invasive species battle, and UH scientists and students play a crucial role in the cooperative effort. Why? Manoa conservation biologist Kenneth Kaneshiro explains: "All alien species have potentially significant direct and indirect impacts on our watershed ecosystem, and water is a very limiting commodity in an island ecosystem. Species such as mosquitoes, ants, houseflies, etc. all have health implications. The medfly, oriental fruit fly and other pest species have an impact on the agroindustry and economy."

When watercress on O'ahu farms began dying, College of Tropical Agriculture and Human Resources staff traced the culprit to a leafhopper and the aster yellows phytoplasma it harbored—both unwelcome newcomers to Hawai'i—and began working on counter measures. Another CTAHR group is part of a government and community coalition working to contain the troublesome coqui frog through public education and humane control methods.

Mānoa botanist Celia Smith and biologist Cynthia Hunter are among those working to keep alien algae from taking over Waikīkī's reefs. "Alien species are the most imminent threat to Hawai'i's coral reefs," says Hunter, who is looking at a native sea urchin as a possible biocontrol agent under a Hawai'i Coral Reef Initiative grant. She and Smith work with The Nature Conservancy and other agencies to coordinate nearly 100 volunteers who gather to strip seaweed from the reef. Every few months they collect bag after bag, up to six or seven tons per session.

"It is an absolute disaster underwater in Waikīkī in terms of the health of the ecosystem," says Smith. "Yet it's remarkable how this invasion in the ocean goes unnoticed, making the knowledge the university is raising among the community about this issue so important."

Part of the challenge is that some algae grow from a piece as small as a bite taken by a fish and spit out, making cleanup a temporary measure at best. Jennifer Smith began working on the problem as a graduate student and is now a junior researcher with



The species pictured are among the 32 plants and animals on one or more islands' invasive species committee priority list.

Ivy gourd control or eradication on Kaua'i, Maui

Little fire ant control or eradication on the Big Island, Kaua'i

Manuka control or eradication on O'ahu

**Coqui frog** public education and rapid eradication of new populations on the Big Island and Kaua'i; public education and survey in sensitive areas on Maui; public education on Moloka'i; public education and control or eradication on O'ahu

Pampas grass control or eradication on Kaua'i and Maui; monitored for reappearance after eradication on Moloka'i

Veiled chameleon control or eradication on Maui

Barbados gooseberry control or eradication on Moloka'i

**Fountain grass** control or eradication on Kaua'i, Maui and O'ahu; rapid eradication on Moloka'i **Miconia** control or eradication on the Big Island, Kaua'i, Maui and O'ahu; public education on Moloka'i

More at www.hear.org/alliscs

An EECB student even involved K-12 students in setting and monitoring stations at homes and schoolyards that detected an invasive ant species in Hilo, allowing the Department of Agriculture to eradicate it before it could spread. ( $M\bar{a}lamalama$ , July 2001)

#### **Committees that work**

One of the major UH players is the Pacific Cooperative Studies Unit. The name is the key, says David Duffy, PCSU unit leader and Mānoa botany professor. "Everything is cooperative with what we do." Involved in more than 100 projects across the state, the unit provides administrative structure and personnel management so grassroots organizations and partnerships can work together to combat invasive species.

One PCSU-supported venture is the Coordinating Group on Alien Pest Species, formed in 1995 to bring agencies and organizations together to work on prevention and early detection/rapid response as well as a third, less preferred, approach—ongoing control of existing pests. If CGAPS represent the generals, immersed in policy and strategy, its platoons are grassroots partnerships called invasive species committees. The committees formed on an island-by-island basis, bringing government agencies, non-profit organizations, private landholders and concerned individuals together as early detection and rapid response teams. Committees on the Big Island, Maui, Moloka'i, O'ahu and Kaua'i identify particular threats to their island and prioritize efforts to minimize or eliminate negative impacts.

On Kaua'i, for example, the invasive species committee prevented the establishment of wild rabbit populations by capturing 13 rabbits descended from escaped or released pets. On Moloka'i, one paid field person backed by volunteers has prevented the slumbers of island residents from being interrupted by the infamous high-pitched shrill of the coqui frog. The committee's work has also kept the island free from established populations of miconia and fountain grass.

Randy Bartlett (BA '86 Mānoa) chairs the Maui Invasive Species Committee. Involved in this type of work since he was a summer volunteer at Haleakalā National Park in 1985, he is now the Pu'u Kukui Preserve supervisor for Maui Pineapple Company. "What interests me is keeping native Hawaiian species alive and healthy in their unique, native habitats and ecosystems so that future genera-

seven years experience in the field. She is helping evaluate an underwater suction device purchased by The Nature Conservancy to "vacuum" seaweed off of the reef. "Initial trials have begun but research is still underway," she says. "We have made significant headway in understanding the factors that allow invasive seaweeds to be so successful on Hawai'i's reefs."

Other graduate students contribute with research that identifies alien species, gauges their impact on native ecosystems and develops strategies for controlling them. Many of the 98 students in the Ecology, Evolution and Conservation Biology interdisciplinary graduate program—which draws some of the best candidates in biological sciences from across the country—focus their research on invasive issues and species, says Kaneshiro, founding chair.

Even undergraduates and non-science majors get into the act. Through a three-year-old service-learning eco-adventure program, UH Hilo students tackle land-based invaders. During the 2004 spring break, 36 students spent four days with Break Thru Adventures, clearing strawberry guava, kāhili ginger, karakanut, blackberry, Japanese honeysuckle, silk oak, eucalyptus, bushbeardgrass and other invasive species from more than 10 acres of land across the state. "We hope to have 72 students in 2005 and to have students from other campuses involved," says program advisor Timothy Kane.



#### What you can do

The Coordinating Group on Alien Pest Species launched its second "Silent Invaders" public education campaign in 2004. In short, they urge—

Don't Pack a Pest: Declare or leave behind animals and uninspected produce, soil and commodities that can bring unwelcome hitchhikers.

Don't Plant a Pest: Ask your landscaper, nursery or garden shop for species deemed non-invasive on the Weed Risk Assessment system.

Report a Pest: Call the Hawai'i Department of Agriculture pest hotline, 808 586-7378, as soon as possible after a sighting.

Learn more at www.hear.org/cgaps

tions of Hawai'i keiki and malihini can enjoy their beauty," he says.

Maui's committee was the first to form. Since hiring it's first staff member in late 1999, it has made progress on pampas and fountain grasses, conducting aerial and ground surveys over thousands of acres and eliminating more than 3,000 plants. It has successfully controlled all populations of Jerusalem thorn and Indian rhododendron, a plant in the same family as miconia.

"Unfortunately there's not enough money to go after everything, so the committees target species that pose the biggest danger yet still are considered to be eradicable," says CGAPS Public Information Officer Christy Martin. The exception is miconia, sometimes called the green cancer.

Miconia was introduced to Hawai'i in 1961 at Wahiawā Botanical Garden and carried by plant enthusiasts to other islands. In the early 1980s, resource managers discovered that it had spread over thousands of acres on the Big Island and Maui. No agency in the state had the funding or ability to respond, so the infestations expanded year after year. If left to spread as it did in Tahiti, it will cause the extinction of numerous native species and severely impact watersheds statewide. So millions of dollars are now spent on control efforts.

Because other plant and animal species could be just as damaging, CGAPS facilitates funding for field crews, equipment and helicopter time that invasive species committees use to survey and control species. They have covered more than 240,000 acres of land statewide over the last four years. "If we catch things early, that would be so much more beneficial," Martin says.

#### **Identifying the enemy**

Media turned out in droves to cover the dramatic 2003 assault on *Salvinia molesta*, the "green monster" choking Oʻahu's Lake Wilson, but it could have been a non-story. "Records of salvinia were found in the early 1990s, but no one was doing early detec-

tion and rapid response measures then," Martin says.

A tool like the Weed Risk Assessment system could have helped. Modified from an Australian system by Mānoa Professor of Botany Curtis Daehler, it identifies potential invaders at the border. The assessment uses a series of 49 questions to screen and score prospective plant imports. Plants scoring higher than 6 are considered a risk for becoming invasive if planted in Hawai'i. Miconia rates a severe weed rating of 14. Salvinia scores a 26. Officials hope use of the system will help prevent another such pest from becoming established in the islands.

Zoology graduate student Eric Conklin's work could provide the basis for a similar assessment tool for marine plants. Conklin looks at the interaction between native and introduced marine algae and herbivorous coral reef fishes. The worst invaders aren't the fastest growers so much as the ones the fish find least tasty, he's found. Gauging fish reaction to new species could provide clues about which are likely to become major threats, allowing officials to target efforts where they can provide the most impact.

Prevention is the most economical and effective measure for protecting Hawai'i. Public education and community outreach efforts are essential because invasive species are not top-of-mind concerns of Hawai'i residents. According to a focus group study conducted for CGAPS, few residents know much about how invasive species affect the natural environment and the health of the human population.

"We need greater vigilance throughout the state. Just because the situation is bad doesn't mean we can't have an impact," says Celia Smith.  $\hat{\mathbb{M}}$ 

Kristen K. C. Bonilla is an External Affairs and University Relations public information officer

#### The invasion of Palmyra

Palmyra is a tiny equatorial atoll owned by The Nature Conservancy, which is working with the U.S. Fish and Wildlife Service and Gordon and Betty Moore Foundation to establish a National Wildlife Refuge and research field station there.

Hundreds of seabirds nest or roost among the atoll's remarkable Pisonia trees, their guano washed by near-daily rains into the seawater. Alien ants were noticeable when Mānoa conservation biologist Kenneth Kaneshiro first observed the thick, lush rainforest in May 2002 as interim director of the consortium working to create the field station. He returned 10 months later to discover the trees heavily infested with two species of scale insects tended by the ants. By June 2003, there were large gaps in the forest where trees, defoliated by the scale, had died.

"We might lose this important component of the atoll within a couple of years if something is not done," Kaneshiro says. "If the forest is lost, we will start to lose the birds that roost and nest on these trees, which will mean less nutrients that leach back into the coral reef ecosystem, which may in turn have an impact on biological diversity and the sustainability of the marine ecosystem."

The loss would be significant, he says. Palmyra represents one of the most pristine marine ecosystems in the Pacific and a microcosm of Hawai'i's ahupua'a land-sea nutrient cycle.

Classes count toward high school diploma and college degree when students get a

## **Running Start**

t 18, Joann Shin knows hard work pays off. She had 41 college credits under her belt when she graduated from McKinley High School in June. "Competition is stiff these days," she says in explanation.

Shin got a running start on her college education through a state-wide program of that very name. Established in Hawai'i in 2000 through a partnership between the Department of Education and the University of Hawai'i, Running Start allows public high school juniors and seniors to enroll in college courses at participating UH campuses, earning credits that apply toward both their high school diploma and a college degree.

"I wanted more freedom with my education. Running Start got me ready for college and allowed me to accomplish two things at once," Shin says.

The transition to college life can sometimes be overwhelming, so Running Start helps ease students' anxiety. "Participants have already experienced success in the college classroom, mastering many of the challenges facing first-year students, such as time management, class participation and interaction with fellow students," says Kathleen Jaycox, who coordinates the Running Start program statewide.

Shin enrolled in the program at the start of her senior year at McKinley. Full-time classes at Honolulu CC fulfilled the remainder of her high school requirements. On top of two part-time jobs, Shin took summer courses at Leeward and Kapi'olani, earning enough credits to boost her to sophomore standing at Honolulu this fall. She plans to graduate with her associate degree in liberal arts after just one semester, obtain a bachelor's degree in chemistry at Mānoa and study pharmacy in Seattle. "I don't want to leave Hawai'i, but because we don't have pharmacy schools here, I'll have to go to the mainland," she says.

#### Learn more from a campus Running Start counselor or www.hawaii.edu/runningstart

"Joann found herself very comfortable in college," observes Jean Maslowski, Honolulu CC Running Start counselor. "Not only did she adjust well, she maintained a 4.0 cumulative grade point average. That's quite an achievement for any college student, but really something to take note of when it's a high school student."

Running Start, currently offered at UH Hilo and the seven UH community colleges, may not be the best route for everyone. High school counselors, who decide whether a student is ready for such a program, stress the importance of considering each student's maturity level.

"Students in Running Start should be academically prepared, able to work independently, have a high level of



Instant sophomore Joann Shin

self motivation and take responsibility," says Maslowski. To future Running Start students, Shin offers this tip: "It's good to plan ahead, but sometimes you have to ignore the bigger picture and focus on what you have at hand."

Participants pay regular college tuition for the courses they take. GEAR UP, a federally funded program administered by Mānoa's College of Business, covered tuition and books for more than 284 qualifying Running Start students, but it ends in 2005. A major challenge for Running Start is identifying alternate resources for academically capable students from low-income families.

If the source of funds isn't yet clear, the reason to seek them is. "Running Start is an excellent example of collaboration between the state and the university, with direct focus on Hawai'i's students," Jaycox says. "We need to support programs that provide a pathway of success for the college-bound young men and women who will help shape the future of our state."

—Arlene Abiang (BA '01 Mānoa), an External Affairs and University Relations public information officer



## Reaching Young Readers

Will Game Boys, PlayStations, computers, TV and movies make books a pastime of the past? Several UH alumni still work to touch a new generation of readers.

n a world where kindergarteners can pop their favorite game CD into the computer, will kids do something as low-tech as read a book? UH English Professor Steven Curry feels that books are still well-liked. "A good story is still popular. Children haven't closed themselves off." Books also provide children with a comfort zone. "When children read 'once upon a time' they move into a safe place which they know will end with 'happily ever after."

Curry sees an emerging trend in literature; children's books are now a major industry. A lot of money is being pumped into the market with emphasis on sales—everyone is looking for Harry Potter success. The resulting landslide of books produces a larger selection to choose from but also puts more "junk" books on the shelves. Curry insists there is still good storytelling going on, however. In his UH Mānoa children's literature class, *The Whale Rider* has replaced a long-stand-

ing favorite on his reading list, *Island of* the Blue Dolphin.

What is the key to capturing and holding a young reader's attention? David del Rocco (MLIS '90 Mānoa), a librarian at the Hawai'i State Library, explains that a good book has to have that right combination of good text and good illustrations. This is not as easy as it sounds, he says. "I've read good stories where the illustrations are bad and the other away around." Books also have to be at a level kids under-



Story by Tracy Matsushima

Illustration by Roxie Munro for *The Inside-Outside Book of Libraries* (Dutton), used with permission

when I was that age. Kids are growing up so much faster," he says.

Sullivan and Deb Aoki (BFA '89 Mānoa) collaborated on *The Best Hawaiian Style Mother Goose Ever!* and *Auntie Lulu's Zoo*. Sullivan taps into children's love of songs and rhymes. A marketing and finance major, he always had a fascination with products, and he combined that with his desire to create a book that was both educational and entertaining. He enjoys seeing the cogs turn in young minds.

Auntie Lulu's Zoo's appeal extends beyond Hawai'i. Sullivan says children at book readings in California love Hawaiian words and enjoy sounding them out. After all, Auntie Lulu not only has 5 honu but 7 humuhumunukunukuāpua'a.

For Lisa Matsumoto (BA '87, MFA '92 Mānoa) and cousin Michael Furuya, writing books was an elementary school dream. "It was incredibly rewarding when we published our first book together, *How the B-52 Cockroach Leaned to Fly,*" she says. They followed with *Beyond 'Ōhi'a Valley* and *The Adventures of Gary and Harry*. Good books need memorable characters that

readers can identify with, says Matsumoto. "You also have to write a story you are interested in and can be excited about. This lends itself to the most inspired and honest writing."

When children read 'once upon a time' they move into a safe place that ends 'happily ever after'

Matsumoto weaves good storytelling with important lessons—protecting the environment and that everyone can make a difference. "The story comes first, and, hopefully, the story will present the messages in a way that is well received by the reader," she says.

Her B-52 cockroach has flown out of the pages and onto the stage—How Da B-52 Cockroach Learned to Fly will be featured at UH Mānoa's Kennedy Theatre this fall.

#### But so are the drawings

Artist Roxie Munro (BFA '69 Mānoa) has published more than 20 books. She favors rich detail in her illustrations. As a child she quickly became bored with simple book drawings. Look closely at the Chatham Library illustration in her *The Inside—Outside Book of Libraries*; some books covers are in Chinese. "The Chantham Library is near New York's Chinatown and those were actual books that were out on the shelves," she says.

Munro has gotten great feedback about her approach. "At one of my readings a boy came up and asked me about the Flatiron Building in *The Inside—Outside Book of New York*. I thought he meant the close-up drawing I did but he actually picked it out from a cityscape that was in the book."

Good illustrations, like good stories, come from good research, says

Scott Goto (BEd '92 Mānoa). "You don't have to visit a place to make it real." While doing research for *Heat Wave*, a story set in Kansas, Goto went to the library, looked online and even listened to music.

"Research lends credibility to the illustrations and helps you understand the subject," he says. He believes the job of the art in a book goes beyond looking

stand. "You can't talk down to them," del Rocco adds.

Take something and make it new so that you are seeing it for the first time. That's Curry's tip to coming up with compelling stories. He also feels that the writing should have a freshness of language.

Several UH alums are applying their own secrets in trying to get kids to read.

#### Words are key...

Author Kevin Sullivan (BBA '88 Mānoa) is blown away at the level at which children are reading. His 7-year-old daughter Reika has just finished the Magic Tree House's *High Tide in Hawai'i* by Mary Pope Osborne. "I don't think I was reading at that level

beautiful. It has to support the story. "The pictures and words have to work together," he says.

#### Look for good illustrations, memorable characters and a story you can be excited about

The island influence has found its way into their books. In Goto's *The Great Pancake Escape*, you'll see Honolulu's The Bus with a local driver heading to Kalihi. Kapi'olani Community College's library made its way into Munro's *The Inside—Outside Book of Libraries*.

With the right combination of story and illustration, UH alums are cultivating readers. ®

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

#### The experts' favorite books

#### **Adults' selections**

Steven Curry, The Story of Ferdinand by Munro Leaf David del Rocco, The Wonderful Wizard of Oz by L. Frank Baum

Scott Goto, *Harry the Dirty Dog* by Gene Zion Lisa Matsumoto, *Harold and the Purple Crayon* by Crockett Johnson

Roxie Munro, *Andersen's Fairy Tales*, illustrated by Arthur Szyk

Kevin Sullivan, *Where the Wild Things Are* by Maurice Sendak



#### Kids' picks

Brett Castro, 2, My First Truck Book by Constance Robinson

Kaila Oshiro, 3, Five Little Monkeys Jumping on the Bed, Eileen Christelow

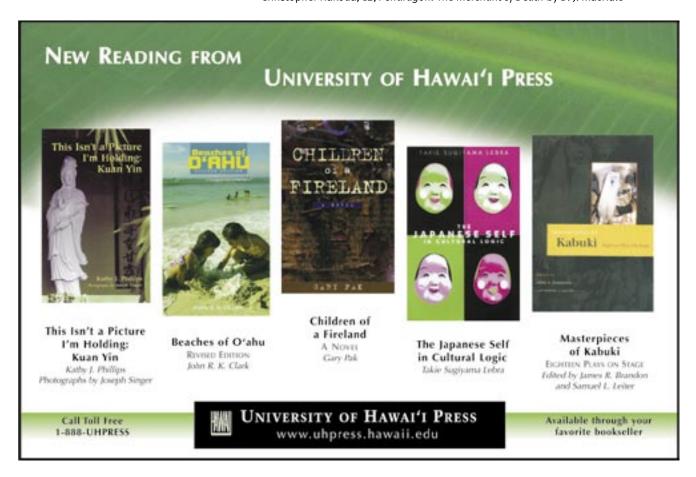
Teiya-Ann Crisostomo, 5, *Today I Feel Silly: And Other Moods That Make My Day* by Jamie Lee Curtis

Shaun Kim, 5, Are You My Mother? by P. D. Eastman

Reid Womack, 5, Falling Up by Shel Silverstein

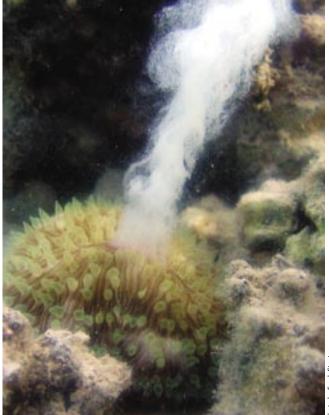
Bethany Castro, 6, *Little House in the Big Woods*, by Laura Ingalls Wilder Ethyn Leong, 8, origami books

Shannon Kim, 9, *Wayside School is Falling Down* by Louis Sachar Christopher Hakoda, 12, *Pendragon: The Merchant of Death* by D. J. MacHale



## Coral Tales

Summer spawn and larval freeze at Coconut Island may help ensure the future of the reef by Cheryl Ernst



hoto by Fr

## Send the kids to bed. It's time for the Coconut Island sex show, Coral's Secret Love.

On second thought, the sex lives of mushroom coral aren't so secret given 20 years of research by Hawai'i Institute for Marine Biology adjunct faculty members. And the kids should stay up, because their work is about ensuring that the world children inherit has healthy coral reefs.

Science, like love, depends on a certain amount of serendipity. Once upon a time, David Krupp was performing a 24-hour experiment on Coconut Island for his UH doctoral dissertation. He returned from a dinner break to find the water was cloudy white in the tanks holding his *Fungia scutaria* (mushroom coral) specimens. After a moment of panic—had he messed up the filtration system?—he noticed that a tank without the coral was still clear. He took a sample of the milky liquid to the microscope and realized he was looking at eggs and

Thus Krupp's 1983 paper in *Coral Reefs* was the first report of a tropical

coral species spawning by broadcasting gametes into the water column. Similar observations were soon reported by a group working on Australia's Great Barrier Reef. Until then, limited observation of coral behavior had led scientists to propose that most coral reproduce by brooding, in which fertilization occurs while the egg is in the parent.

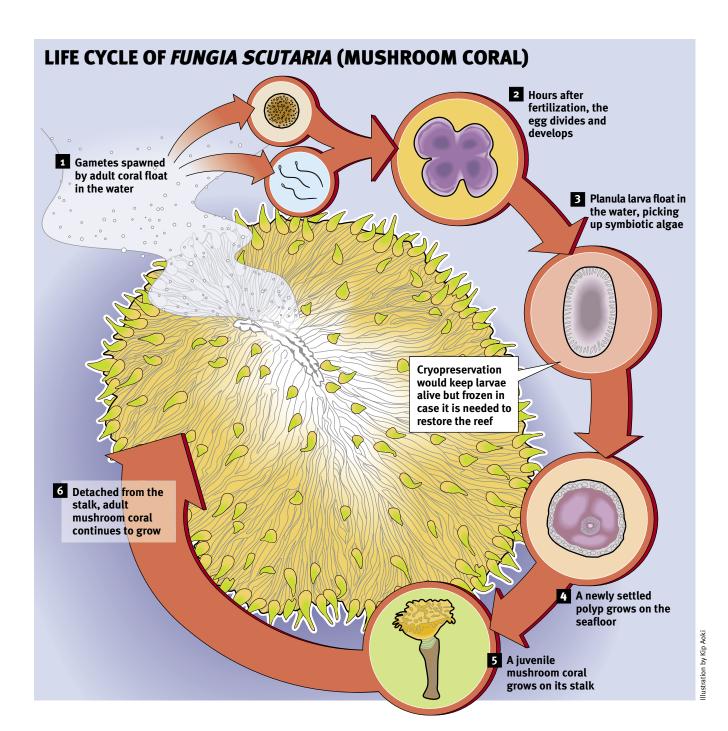
"It was all fortuitous. It all had to do with timing," muses Krupp, now a professor at Windward Community College. He has continued to study mushroom coral through his affiliation with HIMB, on Coconut Island in Kāne'ohe Bay. He has learned that the same coral (each "mushroom" is a single polyp, unlike branching and other corals that form colonies of many individuals) can broadcast

sperm one season and eggs the next and vice versa. He knows that fertilization won't be very successful if water temperatures rise much above the summer average of 28°C for Kāne'ohe Bay. He's captured on video 3–6 million eggs spewing from the corals' mouths like a white lava fountain and observed larvae settle to the bottom after about nine days. And he knows spawning occurs one to four days after the full moon from late June through September or October.

Expertise like Krupp's and the coral's regularity is part of what drew Mary Hagadorn to the island to work on preservation of coral larvae. "I looked at many marine stations before I selected HIMB," she says. "This is a wonderful facility to do this research."

#### What's a reef worth?

riting in the April 2004 issue of the University of Hawai'i Press journal Pacific Science, two Dutch economists peg the annual net value of the state's 410,000 acres of reef in the main Hawaiian Islands at \$360 million. The overall asset value, without considering intrinsic but unquantifiable factors, is nearly \$10 billion. The research, funded by the National Oceanic and Atmospheric Administration through UH's Coral Reef Initiative Research Program, considered tourism, real estate amenity, fisheries and biodiversity, including research grants.



Coral is within easy reach. Scientists don't have to travel two hours to and from the reef, camp aboard a boat or deal with diplomatic problems of doing science in a foreign country or with endangered species.

After spending two summers as adjunct faculty at Coconut Island,

Hagedorn took a sabbatical from her position with the Smithsonian Institution this year to focus on the freezing project. She convinced five colleagues—the leaders in human fertilization and tissue preservation—to use personal vacation to join her for 10 days. They included William Rall

of the National Institutes of Health and Gregory Fahy of 21st Century Medicine, who developed the leading vitrification process for freezing mammalian embryos, and top chemists from the United States and Australia. After each day of experimenting, they gathered at a picnic table on the island's seaward side, oblivious to the ocean breezes and evening skies as they assessed their progress and discussed the next day's approach.

Freezing of human and cow embryos has become routine. But coral larvae are tiny (about a tenth of a millimeter) and delicate, and nothing is known about coral cryopreservation. As part of the experimental process, the team attempts to remove water from the cells and insert a cryoprotectant, biological antifreeze if you will, to prevent formation of ice crystals that damage the larvae in freezing and thawing.

## Techniques developed here might save species from extinction or preserve human tissue

Hagedorn is part of a Smithsonian group working on endangered species from elephants to fish. Three Caribbean corals will soon be added to the endangered species list, she says. Techniques developed in Hawai'i could be used to protect them and other species from extinction and even contribute to preservation of human tissue.

"Cryopreservation is an insurance policy for the future," Hagedorn says. Should coral ever become extinct, frozen larvae could be used to repopulate the reef. "It's not the best way to save species," she emphasizes. Educating people to make good choices and preserving the natural environment are the best solutions, but this provides a hedge against extinction.

Krupp isn't worried that mushroom coral will become extinct
any time soon. They're common in
Kāne'ohe Bay and the same species
is found in the Red Sea. Still, there is
reason for concern. Coral are subject
to human pressures—pollution, sediment runoff, global warming—as well

as natural events such as major floods that drench the bay with fresh water. After a major flood in 1965, coral in Kāne'ohe Bay didn't recover until a sewage outfall in the bay was moved into open water in 1979. Recovery from a 1989 flood was much more rapid, but the reef is in decline again making it susceptible to being overgrown by invasive species.

Is population growth on shore to blame? Use of fertilizers? Increasing water temperatures? Sewage spills? Overfishing? UH scientists are trying to answer those questions.

Winner of 2004 awards for both teaching and community service, Krupp and colleague Floyd McCoy secured a \$225,000 Harold K. L. Castle Foundation grant for activities that prepare students for environmental industry careers and contribute to the quality of life on Windward Oʻahu.

"The time is now to think about ways to protect the reef, minimize human impact and also look at ways to save the genetic heritage," Krupp says.

Cheryl Ernst is creative services director on External Affairs and University Relations

#### **Coral Trivia**

The birth of the first coral polyp is described in *The Kumulipo*, the Hawaiian creation hymn.

Mushroom coral was known to the ancient Hawaiians as 'ako'ako'a kohe; its ridged skeleton was used to remove bristles from pig skin and polish canoes and other woodwork.

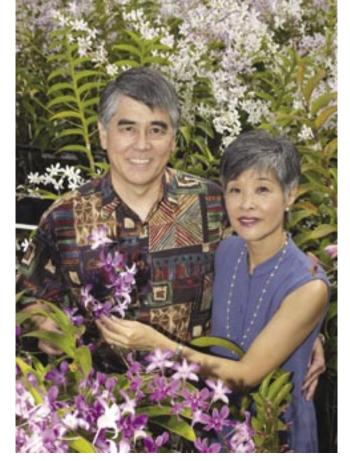
Zooxanthellae algae live symbiotically inside mushroom coral cells, where they generate energy-rich nutrients for the coral. The algae also produce a protein that gives the coral tentacles a florescent green color. A similar protein is produced by the jellyfish gene responsible for UH's green transgenic mice. (Mālamalama July 1999).

Mushroom and other corals belong to the phylum cnidaria, stinging invertebrates that also include anemones and sea jellies

See marine life profiles at http:// waquarium.mic.hawaii.edu.



On Coconut Island, the Smithsonian Institution's Mary Hagadorn, second from left, convenes a pau hana debriefing of UH, mainland and international coral and cryopreservation experts attempting to freeze larvae as a hedge against extinction.



#### The inside story:

### **UH employees are also donors**

eople who work at UH believe in the institution enough to contribute monetarily, even those who don't necessarily command the university's largest salaries.

"My hope is that any student who has the

"My hope is that any student who has the desire and ability to benefit from higher education be able to experience it," says Andrew Hashimoto, dean of Mānoa's College of Tropical Agriculture and Human Resources. "I believe in higher education so much that I never left it. I have seen many lives positively impacted by experiencing higher education." Without fanfare, Hashimoto and his wife Merle created a \$35,000 endowment that generates interest to fund an annual scholarship.

Priority goes to students interested in bioengineering. "It is my academic home and a relatively new discipline that we want to encourage students to consider," Hashimoto explains. "As dean, I tell a lot of people about the great things the college is doing. I think it is important that I put my money where my mouth is." He confides his hope that his giving will inspire others at CTAHR to do likewise ... and it has—three other endowed scholarship funds have been established by retired county agent Fred Fujimoto, the late Professor Elmo Hardy and extension staff inspired by the late Roy Goff.

#### Andrew and Merle Hashimoto

Kathryn Au, first professor to hold the Dai Ho Chun Chair in Educational Leadership, established the Au and Hew Family Endowed Scholarship in 2003 with an outright gift of \$35,537. She also established the Kā Lama Teacher Education Initiative for the Wai'anae Coast. "I wanted to express my appreciation to the Hawaiian community, particularly the residents of the Wai'anae Coast, for all the opportunities I received to learn and grow as a literacy educator and researcher," Au says. "Also, I wanted to honor members of my family for their commitment to education, especially my mother, Mun Kyau Hew Au; aunt, Ah Lun Hew Zane, and uncle, Chong Meo Hew."

Higher education helps individuals understand the world around them and improve it, Au believes. "The amazing thing is that this philosophy actually worked. I see Kā Lama graduates gain insights, and I see them making the world a better place in their classrooms and schools and with their families and communities."

Alvin Yoshinaga, a junior researcher with the Center for Conservation Research and Training, started making gifts during the 1980s to take advantage of Hawaiian Telephone's employee matching grant program. "I had been a PhD student in botany at UH," he says. "I left with the intention of working a while, saving money and returning to my studies." He decided to follow the executive tract instead and completed his MBA, but restructuring at GTE reduced advance-

ment opportunities. When an opening in the Hawaiian Evolutionary Biology Program became available, he returned to science. "I took a pay cut, but by that time I had developed the habit of making annual gifts to UH and had accumulated a large holding of appreciated

I have seen many lives positively impacted by experiencing higher education

GTE stock, from which I continue to make an annual gift," Yoshinaga says.

Potential donors should understand that relatively small gifts can have large effects, Yoshinaga says. He makes annual gifts to the College of Business and zoologist Leonard Freed, who coordinated a field studies program. This year, he designated a gift to assist a graduate student studying the feasibility of commercial ecotourism as a bird conservation tool in Vietnam. It appeals to his status as a Vietnam Vet with a background in both business and biology, he says. And it helps activities that fall between the cracks in the formal funding process. <sup>M</sup>

by Paula Bender (AA '91 Kapi'olani, BA '94 Mānoa), a Honolulu freelance writer



## Kabuki kids continue family tradition

ix decades after Masato Doi and Mitsuo Akiyama performed in a 1941 UH kabuki production, their names appeared together again on a university theatre playbill. Taking the stage, however, were their grandsons Christopher Masato Doi and Daniel Mitsuo Akiyama in Kennedy Theatre's spring 2004 production *Nozaki Village*.

"Kabuki in Japan is a family affair. Great actors pass their names on to their children so they can continue the acting line. It was fun to imagine that my grandfather had passed the baton on to me," says Doi. Both he and Akiyama included their middle names in the program to honor their namesakes.

"My grandfather wasn't really a 'theatre person' in college," says Akiyama. "He basically did *Namu Amida Butsu* for the academic credit. As far as I know that was his last theatrical experience. Yet 63 years later, here I am, planning a career in the theatre arts." One of the show's four takemono, or narrators, Akiyama got his first taste of kabuki acting in Kennedy

Theatre's 2000 production *The Summer Festival:* A Mirror of Osaka. Fellow theatre major

Doi saw the play and vowed to get involved in the next kabuki production.

"Kabuki is a fascinating and richly layered art form, and I enjoy its liveliness and sensuality," explains Akiyama. "I especially like how you find beauty in the smallest detail—the opening of an umbrella, the unfolding of a letter—and then, five minutes later, you are plunged into a scene of great spectacle and sensory overload, with so many things are happening at once you don't

Daniel Mitsuo Akiyama, left, and Christopher Masato Doi in *Nozaki Village*. Photo by Andrew Shimabuku

know where to look or listen."

In Mānoa's world-renowned Asian Theatre Program, students learn directly from visiting master teachers. For eight long months, Nozaki actors were immersed in all aspects of kabuki training, from how to speak and move, to musical accompaniment, to costuming. "Makeup alone took me about two hours, and getting dressed took another half hour," says Doi, who played leading man Hisamatsu, a young lover who promises himself to two women. Actors first learned the entire play phonetically in Japanese. Five months in, they began rehearsing with English translations 25-30 hours a week. The sense that the show was improving kept them going, Doi says.

Masato Doi, credited with "superb

Like their grandfathers, Doi

and Akiyama performed

kabuki together at Mānoa

acting" in the 1941 *Kapalapala* yearbook, was able to applaud his grandson's performance in

person. Unable to attend but equally proud, Mitsuo Akiyama passed away May 28 in Hilo.

Nozaki Village was Mānoa's latest production in 80 years of Englishlanguage kabuki performance. The Asian Theatre Program is also known for its expertise in Chinese and South/Southeast Asia theatre. For more information, see www.hawaii.edu/theatre/asian/asian.htm.

—by Jeela Ongley (BA '97 Mānoa), web content coordinator in External Affairs and University Relations

#### **UHAA Activities**

www.uhf.hawaii.edu/uhalumni/ calendar.htm

**Sept 14** TIM International Sixth Annual Legacy in Tourism fundraiser honoring Richard Kelley, Outrigger Enterprises, at the Royal Hawaiian Hotel Monarch Room. Proceeds support facilities, scholarships and executive mentorship programs. Contact: Lee-Ann Choy, Pacific Rim Concepts, 808 864-9812

**Sept 16** Mānoa Colleges of Arts and Sciences Alumni Association's bi-annual 9 a.m. breakfast at the Pacific Club in Honolulu. Reservations: 808 956-4051.

**Oct 5–17** CASAA New England tour. Details: www.artsci.hawaii.edu/alumni

**Oct 19** UHAA Golden Scholars luncheon and reunion for the Class of 1954 at the Imin Center, East-West Center, Mānoa Campus. Details: toll-free 1 877 UH-ALUMS or alumnews@hawaii.edu

Oct 20–23 Mānoa Homecoming to cheer for the Warriors! Celebrate with a series of parties and special seating arrangements at the game. Full schedule: toll-free 1 877 UH-ALUMS or alumnews@hawaii.edu

**Nov 12** Warrior football at Fresno State provides a chance to cheer the Mānoa team in California! Details: toll-free 1 877 UH-ALUMS or alumnews@hawaii.edu

**Dec 3** UH Hilo Alumni Association Christmas social, details to be confirmed. Contact: yuyok@hawaii.edu

Apr 27-May 2 UHAA's California Wine and Cuisine Experience tour from Redwood City through Napa Valley to San Francisco, led by Kapi'olani Chancellor John Morton. Details: toll-free 1 877 UH-ALUMS or alumnews@hawaii.edu

### **UH 'Ohana**

Thousands of UH alumni attended recent events. Many honored graduates' professional achievements and contributions to the community.

#### Hawaiian Islands

Among 600-plus alumni and friends celebrating UH Distinguished Alumni in May at the Sheraton Waikīkī Hotel were chapter Presidents, clockwise from lower left, Karen Uemoto, National Capitol; Karen Liu, East; Karen Huff, Greater Midwest; Jeff Rowe, LA/ Orange County; Phyllis Matsuda, Las Vegas.

Manoa's College of Education Alumni Association awarded Charles Araki (BEd '57 Mānoa) its Crystal Apple for outstanding achievements in education in



Hawai'i. Alumni and Friends Association at **UH Hilo** presented Distinguished Alumni Awards to Harvey Tajiri ('62 Hilo, BEd '67 Mānoa) and David Howell (BA '81 Hilo). The August golf spectacular was held at Hapuna Beach Prince Golf Course. Mānoa **School of Architecture** alumni honored Distinguished Alumnus G. Linn Henniger (AA '84 Kapi'olani, BArch '91) in June. Alumni also held a golf tournament to benefit scholarships in May and a Nite Cap party in March.

Mānoa College of Tropical
Agriculture and Human Resources
alumni presented the "Maggie
Inouye" anthurium, named in
honor of Senator Daniel Inouye's
wife (BEd '46 Mānoa) (pictured with
CTAHR Dean Andrew Hashimoto)
and honored Robert Birch (MS
'80, PhD '83) with the Outstanding
Alumnus award for research that
led to the first transgenic sugarcane and molecular definition of
sugarcane scald disease.

Open wide! In July, the Department of Dental Hygiene and the Mānoa **Dental Hygiene** Alumni Association held their first continuing educa-



tion event followed by a reunion of alumni to honor pioneer Hawai'i educator Helen Strong-Carter.

Alumni and Friends of the Mānoa **School of Social Work** held Humanizing the Human Experience, a series of talks on subjects from child abandonment in China to successful aging.

#### **Mainland US**

Alumni struck it lucky in May when **UHAA Las Vegas** hosted more than 100 alumni for golf at the Palm Valley course.

#### International

More than 200 Tokyo-based alumni attended a conference hosted by UH's East-West Center in August and UHAA reception for the wider alumni community.



## Growth is Karl Fujii's job, his passion ... and his goal for UHAA

**Current position** Director of finance and business development for Hawaiian Building Maintenance, president of UH Alumni Association

Education Honoka'a High School, BBA'90 Manoa

**Guilty pleasure** Grace's chicken katsu plate lunch with mac salad **Calorie burner** Golf ("It allows me to get outside and relax.")

On the job, Karl Fujii works enthusiastically to grow the business. At home, he and wife Cindy delight in their expanding family, a new baby joining sons Jordan and Kolby. Little wonder, then, that Karl's focus as 2004–05 UHAA president is on growth of the alumni organization.

"This gives me a way to give back to the university that provided me with the educational as well as social tools to start my career," he says.

Karl's connection with the university began with his dad, a College of Tropical Agriculture and Human Resources employee on the Big Island. An older brother and sister also graduated from the UH system.

UH plays an important role in developing future leaders, he says, and volunteering on the UHAA board is a great way to reconnect with old friends and make new ones.



### Make the connection

Name (last, firs	st, middle/prior last name)		M / F Circle
Mailing addres	s		
City	State	Zip	Country
Telephone (hor	ne, work, fax)		
E-mail			
UH Campus(es)	) attended*		
UH degree(s)			Graduation year(s)
Name of spous	e/significant other		M / F Circle
UH Campus(es)	) attended*		
UH degree(s)			Graduation year(s)
Designate one	alumni chapter from list on rev	erse side	
Circle one:	New member Renewa	al	
ANNUAL M	EMBERSHIP (check or	ne)	
☐ \$50 Sir	ngle, Oʻahu		
□ \$60 Co	uple, Oʻahu		
□ \$25 Sir	ngle, Mainland/Neighl	oor Island/Inte	ernational
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<b>5</b> 175 (1	949 graduate or prior,	age 70 and ov	ver)
METHOD O	F PAYMENT (check on	e)	
☐ Check o	or money order enclos	sed (payable to	UHF/UHAA)
□ VISA □	MasterCard ☐ AmEx		
			Expiration date

\*Please include degree and campus information from all UH campuses attended (example: Kapi'olani CC and UH Mānoa)

#### Please return this form to:

UHF/UHAA, 2440 Campus Road Box 307 Honolulu, HI 96822-2270

Fax: 808 956-6380

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

E-mail: alumnews@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 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

Eligineering Atunini 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

William S. Richardson School of Law Alumni Association

Army ROTC Alumni

Ke 'Anuenue Alumnae Association UH Founders Alumni Association Te Chih Sheh

#### **REGIONAL CHAPTERS**

UHAA-Arizona
UHAA-Beijing
UHAA-East
UHAA-Greater Midwest Region
UHAA-Hong Kong
UHAA-Las Vegas/Southern Nevada
UHAA-Los Angeles/Orange County

UHAA-Maui Club
UHAA-National Capitol Region
Chapter
UHAA-San Diego
UHAA-San Francisco Bay Area
UHAA/EWCA-Florida Chapter
N.I.C.E. Alumni Association (Japan)



#### University of Hawai'i Alumni Association

## Great Rewards for being part of a Great Organization!

Members recieve the following benefits from our national and local partners

#### **Dining**

#### CROUCHING LION INN

808-237-8511 15% off with your UHAA card

#### **DAVEY JONES RIBS**

808-923-7427 15% off with your UHAA card

#### DON HO'S ISLAND GRILL

808-528-0807 15% off with your UHAA card

#### MATTEO'S ITALIAN RESTAURANT

808-922-5551 15% off with your UHAA card

#### **SUNSET GRILL**

808-521-4409 15% off with your UHAA card

#### TRATTORIA ITALIAN RESTAURANT

808-923-8415 15% off with your UHAA card

### **Entertainment and Shopping**

#### HILO HATTIE

1-888-526-0299 www.hilohattie.com 20% off at HiloHattie.com (except food, sale items and Maui Divers Jewelry); benefit code required for online purchases 20% off Hilo Hattie labeled fashions

#### UNIVERSITY OF HAWAI'I KENNEDY THEATRE

808-956-7655 www.hawaii.edu/kennedy Special prices for UHAA members Lifetime members enjoy a free performance with UHAA coupons

#### **WAIKELE GOLF CLUB**

808-676-9000 Special rates for UHAA members

#### CRUISES

Discounts on island cruises Please call UHAA for more information 1-877-UH-ALUMS

#### **Auto and Banking**

#### AAA HAWAI'I

Oʻahu: 808-529-5095 or 1-800-736-2886 x5095 Contact: Kimberly Fisher www.aaa-hawaii.com/group Receive a special Group Rate on new Hawaiʻi memberships Regularly \$74, now only \$54 Registration code required

#### ALAMO RENTAL CAR

1-800-GO- ALAMO
Use your UHAA Corporate ID
number and enjoy great rates
Call 1-877-UH-ALUMS for
details

#### UNIVERSITY OF HAWAI'I FEDERAL CREDIT UNION

808-983-5500 www.uhfcu.com Email: memberservices@uhfcu.com Eligibility to join for great banking rates and services

#### **Insurance**

Low group auto insurance rates Special rates on life insurance and health plans Please call UHAA for more information 1-877-UH-ALUMS

#### **Hotel Accomodations**

#### OUTRIGGER/OHANA HOTELS AND RESORTS

For reservations:
O'ahu: 808-921-6666
or 1-800-422-7302
www.outriggergreenline.com
Special, low rates for UHAA
members; benefit code
required

#### **Career Services**

#### REMEDY INTELLIGENT STAFFING

808-733-8550 www.remedystaff.com 30 minutes of career assessment for UHAA members Special rates for business Campuses: UH Mānoa, Hilo and West Oʻahu; Hawaiʻi, Honolulu, Kapiʻolani, Kauaʻi, Leeward, Maui and Windward Community Colleges

#### 20005

Marcia Donovan-Demers (AS '04 Honolulu),

was one of 27 community college students in the nation awarded a Jack Kent Cooke Foundation scholarship for academic and personal achievement.



**Tim Golden** (BA '01 Mānoa) was promoted

to media manager of ET Online after an internship with Hawaiian Image Video working the Pearl Harbor premiere for Buena Vista pictures and working for *Entertainment Tonight*.

Eric Hahn (MS '03 Mānoa) is being assigned to the Naval Ocean Construction Department in Washington, D.C., where he will manage various Navy projects involving seafloor engineering and underwater construction.

Pamela Lee (BBA 'oo Mānoa) was promoted to audit senior at Nishihama and Kishida in April after four years with the company.



**Bianca Keopuolani Leitel** (JD '03 Mānoa) was named third run-

ner up in the April Miss Aloha Hula competition in the Merrie Monarch festival in Hilo.

**Amal Phadke** (PhD '01 Mānoa) recently married Lalita in Austin, Texas.

#### 19905

Sara Calvert (BS '96 Mānoa), Catholic Relief Services program manager for East Timor, Indonesia and Liberia development projects, volunteered with the Peace Corps in Honduras after graduation before getting a master's degree from Washington State University.

**Teresa Favilla** (JD '96 Mānoa) has been accepted into the Georgetown LLM program.

Audrey Takako Ida (BBA '99 Mānoa) was crowned princess at the 52nd Honolulu Cherry Blossom Festival Court in March.



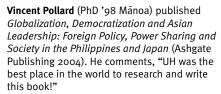
Carolyn Kiyota (AA '88 Kapi'olani; BBA '90, JD '93 Mānoa) was one of 25 women honored for

overcoming challenges, building new careers and achieving economic independence at the recent Women Work conference in Washington, D.C.

Rommel Marzan (BBA '98 Mānoa) was promoted to tax senior at Nishihama and Kishida, CPAs. He worked as an accounting assistant at the campus bookstore while in school.

Tracey-Leigh Mende (BBA '99 Mānoa) was promoted to tax senior at Nishihama and Kishida, CPAs. She joined the Hawai'i firm in 2002 after two years as an accountant for a designer boutique.

Helen Nakamoto (MBA '99 Mānoa) has been promoted to tax senior at Nishihama and Kishida, CPAs. She joined the Hawai'i firm in 2001 with two years of accounting experi-



**Cindy Sasaki** (BBA '96 Mānoa) was promoted to audit senior at Nishihama and Kishida in April after four years with the company.

Grace (Chang) (BA '95, JD '04 Mānoa) and Bruce Yonehara (BA '99 Mānoa) welcomed their daughter, Hope Hanul, on Feb. 15.

Daojiong Zha (MA '92, PhD '95 Mānoa), now teaching at Remin University in China, served on the advisory board of the recently launched Web reference resource on the Chinese diaspora: Chinese Cultures Abroad Directory.

#### **1980s**

CORRECTION: **Christine S. Sakaguchi** (BBA '87 Mānoa) was named a partner with CB Richard Ellis Hawai'i. (Her degree year was incorrectly identified in the May issue).

Lauri Cieri (Blake)
Harrison (BBA '89
Mānoa) started a
Colorado Wahines
group at www.
coloradowahines.
com for fun. She has
been doing marketing and public relations in high-tech, for



QwestDex.com and MapQuest.com, and for









## **Ko Miyataki**Charitable matchmaker

**Career:** President, Rehabilitation Hospital of the Pacific Foundation

Roots: Ka'ū, Big Island

UH degrees: BEd '64, EdD '88 Mānoa

Family: Husband Glenn, former associate dean of the UH Mānoa College of Business, is president of the Japan American Institute of Management Science

**First job:** Counselor at Mission Junior High, Omaha, Neb.

Secret vice: Loves junk food

undraising is matchmaking, Ko Miyataki believes. "My goal is to marry the donor's interest to the needs of the institution," she says. In May she returned to the Rehabilitation Hospital of the Pacific (REHAB) Foundation, after two years with Kamehameha Schools' Ke Ali'i Pauahi Foundation. As REHAB foundation president, Miyataki obtains private funding for activities that enrich and enhance the experiences of patients with physical and cognitive disabilities—such as the Louis Vuitton Creative Arts and the Tom Iones Horticultural Programs. REHAB operates the 100-bed hospital on Kuakini Street and eight outpatient clinics on O'ahu, Hawai'i and Maui.

Those who know her say Miyataki infuses an organization with a wonderful sense of style, warmth and genuine gratitude, whether it's on the job or as a volunteer board member for Lanikila Rehabilitation Center or the Honpa Hongwanji Mission's Living Treasures program. She credits the synergy among clinicians, staff, patient families, neighbors and friends with helping REHAB live up to its motto of rebuilding lives together. When it comes to raising funds for the hospital, she says "we do that with passion and an infectious sense of spirit because what we do at REHAB affects people's lives."



### Jonathan Peck

Futurist for hire

**Profession:** Vice president, Alternative Futures Associates and the Institute for Alternative Futures

Resides: Alexandria, Va.

**UH degrees:** BA '81 and MA '83 in political science, Mānoa

**Family:** Wife, journalist Barbara Vobejda; 14-year-old daughter Sarah

**Hobbies:** Skiing, swimming, reading, coaching and church work

**Favorite futuristic movie:** *Contact*—
"Instead of projecting fear, it projects the hope that the universe is friendly to life."

onathan Peck spent seven years hitchhiking across America. He worked as a cowboy in Montana, ran a hotel in the Caribbean and fished for salmon in Alaska. He considered careers in law and business. Arriving in Hawai'i as a newlywed, he enrolled at Manoa and discovered his calling in the futures program headed by Professor James Dator. A consultant for 22 years, Peck uses research to create scenarios, goals and strategies that prepare organizations for change. He describes himself as an "organizational hitchhiker." Clients range from Fortune 500 companies to professional associations and government agencies.

Testifying on Capitol Hill about the future of Medicare, he introduced himself as a futurist. A senior senator barked, "Well, I'm a nowist!" But for Peck, the rewards, like transforming healthcare in the U.S. military, outweigh skepticism. "What I get from my work is the belief that I'm going to leave for my child a world that is far healthier, far more equitable and far more peaceful."

-Neal Iwamoto (BA '98 Mānoa)

the past four years in her own business, Lauri Harrison PR.

James D. Hasenyager (BS '80 Mānoa) was named senior property manager of CB Richard Ellis Hawai'i's Kukui Grove Shopping Center, Kaua'i's largest shopping mall. He was previously associated with



Ala Moana in Honolulu and other centers.

**Rick Kersenbrock** (BA '83, JD '87 Mānoa) was named Southern California regional director for the National Homebuilder Services Division of First American Title Insurance Company in May after six years with the company.

Norm Kumabe (BS '82 Mānoa) and Steve Koch (BBA '85 Mānoa) join four dozen individuals who have attained Space Technology Black Belts in Northrop Grummand Space Technology's Six Sigma product improvement program.

Vasanthi Ranganathan (MEd '89 Mānoa) has introduced the Gels choice, a careers awareness program in schools, throughout India and would love to hear from interested alumni.

**Linda Rose** (MPH '82, JD '86 Mānoa), managing partner of Rose Immigration Law Firm, was named one of the Tennessee's 101 best lawyers by *Tennessee Business* magazine.

Clifford Sanchez (BS '81 Mānoa) is associate director, Al Wooten Jr. Heritage Center in South Central Los Angeles, alliance executive to Reebok Corporation International. member



of USTA of Southern California. He was honored by the LA Dodgers as Home Town hero in 2000 and is a board member of the Mānoa Letterwinners Club.

**Mario Savioni** (BA '84 Mānoa) has fond memories of campus. "I cannot tell you how important the University of Hawai'i is to me," he writes from California, "I remember writing for *Ka Leo*, overnight stints printing pictures, a course in speech that taught about proximics, Irving Copi's list of arguments, and a visiting professor who so stunned me with the beauty of American Literature that I cannot escape."

Lee William Sichter (BA '73, MA '81 Mānoa) was promoted to principal planner with Belt Collins Hawai'i. He will direct comprehensive planning studies. He has been with the Honolulu firm since



1987, most recently as senior planner with expertise in permit applications, environ-

mental impact studies and residential and commercial development. Recent projects include The Contemporary Museum, Kailua Beach Park, Hilton Hawaiian Village tower projects and Lahaina Fort Street Urban Plan. He is a member of the American Planning Association

**Niti Dubey Villinger** (BA '88 Mānoa) received a Fulbright Hays award to Brazil in 2003 and has been promoted to associate professor of management at Hawaii Pacific University.

**Eric S. S. Wong** (BBA '87 Mānoa), Sprint Business Solutions account manager for wire line and wireless solutions in mid to large Hawai'i organizations, received Sprint's top sales recognition award.

#### 19705

**Bert Ayabe** (BA '78 Mānoa) was appointed to the Hawai'i Circuit Court first circuit in March.

**Keiko Bonk** (BFA '76 Mānoa) was appointed president and executive director of the Japanese Cultural Center of Hawai'i.

Bettijane Christopher Burger (MA '72 Mānoa), an adjunct professor at West Virginia State College and West Virginia University, retired after 27 years of full-time teaching, which started in 1969 at Farrington High School. She retains fond memories of the Farrington's Suitcase Theater.

**Kenneth G. Cassman** (PhD '79 Mānoa) was honored by the International Fertilizer Industry Association for his work with fertilizer efficiency and plant nutrition.

Mike Ells (MS '71 Mānoa) retired in May after 33 years of teaching at Ferris State University in Michigan where he was recognized as a Distinguished Teacher in 1982. He will volun-



teer at local health departments pursuing the clandestine methamphetamine lab problem and continue his human waste management research with the National Park Service.

**Alexa Fujise** (BA '77, JD '80 Mānoa) was appointed to the Hawai'i Intermediate Court of Appeals in March.

Mitchell A. Imanaka
(BA '76 Mānoa), local
attorney and chair
of the Hawai'i chapter of the American
Resort Developers
Association, was
featured in Hawai'i
Business magazine for



his opinions on the future growth of timeshare business in Hawai'i.

**Keoni Ronald May** (AA '74 Kapi'olani, BA '79 Mānoa) is a probation officer for Westchester

County Probation Department in New York and an adjunct instructor for Westchester Community College and Mercy College. He was a first responder rescuer Sept. 11–14, 2001.

Jim Nishimoto (BArch '75 Mānoa), president and COO of Group 70 International, the Honolulu-based architecture firm specializing in planning, interior design and diagnostic services, was featured



in the Honolulu Advertiser in March.

Julie Randall Pablo (AA '77 Honolulu), assistant attorney general, and Michael Pablo (BBA '77 Mānoa), an accountant with Tennessee Department of Mental Health/Development Disabilities, celebrated their 27th wedding anniversary in August. They met at a UH tennis class in 1976.

**Henry Pan** (MS '73, PhD '74 Mānoa) received an MD after graduating from UH and went on to a varied academic and commercial career in pharmaceutical research before being appointed executive vice president and chief medical officer at Neurocrine Biosciences in San Diego.

Edie Pearson (BA '73 Mānoa), vice president for development and executive director of the Broward Community College Foundation in Florida, writes that she is thinking of UH.



**Dana Pieterson** (BA '78 Mānoa), senior vice president in the investment properties division, was named a CB Richard Ellis top five advisor of 2003. Her manager says she "rocks the commercial real estate world."

Andy Poepoe (MBA '71 Mānoa), Big Island paniolo, state legislator, Honolulu city councilman, Dole company manager and currently head of the federal Small Business Administration's Hawai'i office, was awarded the O'o Award in April by the Native Hawaiian Chamber of Commerce for helping Native Hawaiian businesses and the economic base of Native Hawaiians.

**Dale Sarver** (PhD '78 Mānoa), a marine ecologist, is adding Kona Blue Water Farms to raise kāhala fish off Kona to his other fish and pearl farms.

Carol Shin (BA '74 Mānoa) has been promoted to personal injury protection and workers' compensation/medical only supervisor by her employer of 25 years, Island Insurance Companies.



Khamtan Tanh-chaleun (AS '76 Kapi'olani), is executive chef at Ko'olau Catering Partners. "Chef Kham" hosted the Hawai'i Uncorked Hawai'i Public Radio benefit in May.

Gordon Williams (BA '73 Mānoa), an actor, singer, writer and poet living in Houston, specializes in one-man shows featuring strong Biblical characters as well as more traditional theatre.



#### **1960s**

Surajit K. De Datta (PhD '63 Mānoa), associate provost for international affairs at Virginia Tech, received the 2004 Philippines Presidential Citation for his work at IRRI on fertilizer responsiveness of the high-yielding rice variety IR8.

Susan Matsushima (BEd '64 Mānoa), president and general manager of the Hale'iwabased plant nursery, Alluvion, was featured in the Honolulu Advertiser in June.

Sharon Narimatsu (BA '67, MA '75 Mānoa) emerged from retirement to become president of the Honolulu Japanese Chamber of Commerce. She was previously deputy director of the Hawai'i Department of Business, Economic Development and Tourism, founder of the Organization of Women Business Leaders and an administrator with UH Community Colleges.

Bill Patzert (MS '69, PhD '72 Mānoa), research oceanographer at California Institute of Technology's Jet Propulsion Laboratory, was awarded NASA's 2003 Exceptional



Service Medal for outstanding interpretation and wide communication of our understanding of climate variability.

Florence Yee (BA '64, MBA '88 Mānoa), longtime branch manager of Kaimuki Public Library, was named director of the Hawai'i State Library in March. She also heads the state's Library for the Blind and Physically Handicapped.

#### 19509

**William J. Bonk** (BA '51, MA '54 Mānoa) was recently ordained in Japan as a Jodo Shinshu Buddhist Priest.

Send Class Notes information and photos to alumnews@hawaii.edu or Mālamalama, 2444 Dole St., BA 2, Honolulu HI 96822. Please include the campus(es) you attended and year(s) you graduated, and indicate if your name has changed.



#### Kuʻualoha Hoʻomanawanui

Pele and politics

**Pursuit:** Mānoa doctoral student in English

Roots: Kailua, Oʻahu and Kapaʻa,

**UH degrees:** BA in Hawaiian studies '91, MA in Polynesian religion '97 Māṇṇa

**Spare-time activities:** Editing 'Ōiwi: A Native Hawaiian Journal, literacy work in the Hawaiian community

**Favorite saying:** Ma ka hana ka 'ike, knowledge is gained through doing

**Hero:** Every person who has never taken "no" for an answer on a quest for social justice

Family: Husband Ioane; dog Ala'e

u'ualoha Ho'omanawanui was one of 35 doctoral students in the nation to receive a \$21,000 Ford Foundation Dissertation Fellowship this year. It will support her literary analysis of Pele literature appearing in 19th-century Hawaiianlanguage newspapers—her favorite is the "least adulterated" stories published by J. N. Kapihenui in 1861—and the politics of publishing and translation during a volatile period of Hawaiian history.

Hoʻomanawanui says Hawaiians were way ahead of Westerners in "celebrating mana wahine (female power) through the exploits of Pele and her sister Hiʻiakaikapoliopele." She has exhibited her own strength since receiving a GED in 1984 and enrolling in Kauaʻi Community College. She credits her tūtū and parents for raising her to believe she can accomplish any goal. Seconds dissertation advisor Cristina Bacchilega, "What Kuʻualoha will do as a scholar and a teacher for the Hawaiian community is priceless."

#### **In Memory**

Richard Y. Sakimoto (BS '30 Manoa), 98, died Apr. 26. Hawai'i's first board-qualified obstetrician, he delivered more than 12,000 babies, taught at the John A. Burns School of Medicine and was chief of obstetrics and gynecology at The Queen's Medical Center. Dr. Sakimoto was born in Japan, moved to Hawai'i with his family in 1911 and received his medical degree at Washington University in St. Louis. An avid fisherman and founder of the Hawaiian International Billfish Tournament in Kona, he held a world record for catching a rainbow runner on light tackle. He served on the Honolulu Police Commission and was a longtime member and past president of the UH Alumni Association.

Laura Manning Watkins (BA '92 Mānoa), 35, died Apr. 29 in Springfield, Mo. Ms. Watkins was born in Cincinnati, Ohio. She graduated with honors in psychology and English. A devoted animal lover, she studied animal behavior and worked as a dolphin trainer at UH's Kewalo Basin Marine Mammal Laboratory. She earned a master's in English with a concentration in creative writing from the University of Mississippi and wrote a series of short stories.

Jo Anne M. Diotalevi (MFA '73 Mānoa), 59, died June 3. A resident of the Big Island since 1979, she earned her master's in improvisational theatre and appeared in kabuki theatre. Ms. Diotalevi was active with Honolulu Theatre for Youth and the forerunner to Mānoa Valley Theatre, and she founded Jubelieve Productions, which uses puppets and music to teach children about environmental issues.

#### **UH alumni hold four seats in Korean congress**



our Mānoa graduates gained National Assembly seats in South

Korea's spring 2004 election. Representing the Grand National Party
are Aesil Kim (PhD '79 in economics), a professor of economics at
Hanguk University of Foreign Studies, as first proportional representative
and Youngsun Song (MA'81, PhD '84 in political science), the country's first
female analyst in security and defense as director of the Center for Security
Strategy, Korea Institute for Defense Analyses. Bongsuk Son (MA '75 in political science), who has been chief director of the Korean Institute for Women
and Politics, is the first proportional representative for the Democratic
Millennium Party. Chansuk Park (PhD '81 in geography), who served as
president of Kyungbook National University, represents the majority Yeollin
Uri Party. First proportional representatives lead their party's policy focus.

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## Golf is on the upswing at UH campuses

#### Mānoa teams hold promise

hile still a high school golfer in Helsingborg, Sweden, Sara Odelius warranted professional consideration. Lucky for Hawai'i, she opted for the U.S. collegiate route. The sweet-swinging Swede became the No. 1 golfer on a fast-improving Rainbow Wahine squad last year. Odelius, Dale Gammie of Pukalani, Maui, and Megan Stoddart of Sacramento, Calif., formed a freshman class that ranked third in the country. Gammie, who finished second to phenom Michelle Wie in the 2002 Hawai'i State

Junior Golf Association, earned all-conference mention.

Odelius, who honed her skills during three years on Sweden's Junior National team, earned first-team all Western Athletic Conference honors and was named team MVP after consistently finishing in the top 10 in spring tournaments. "Golf is an individual sport, but the thing is, I couldn't have done this season without my teammates," Odelius says. "I think that we all have more to give, and I'm really excited for next season."

Things look good for the Warrior squad as well. All-America and first-team all-conference golfer Matt Kodama completed his eligibility, but 2002 champion Kellen-Floyd Asao will be a senior. Head Coach Ronn Miyashiro has loaded the new roster with highly decorated recruits. Local standouts Ryan Perez and Travis Toyama both won the Mānoa Cup, the state's top amateur tournament. Former state high school champ Jarrett Hamamoto transfers from the Air Force Academy, where he broke numerous program records. Blaine Bingham and Billy-Bob Hoyt, from Arizona, add to a promising mix of youth, talent and experience.

"This incoming class is probably the best we've had," says Miyashiro. "It should be an impact kind of year."

#### Vulcan on a hot streak

ick Mason's plans to play college baseball changed when some high school friends at Leilehua encouraged him to try golf.

The UH Hilo Vulcan from Wahiawā may be on a hot streak now, but the senior's performance didn't pick up until the middle of his junior year. His second-place finish at the Taylor Made/Waikoloa intercollegiate tournament in February produced the best

**Rainbow Wahine Sara Odelius** 



**Vulcan Nick Mason** 

ranking ever by a Hawai'i golfer. In March Mason became the first amateur to win the Hilo Invitational Golf Tournament. The following month, he shot a record-breaking second round at the Buzzini/Stanislaus Invitational in Turlock, Calif., and won a tiebreaker with Cal State—Stanislaus golfer Ryan Thornberry, becoming the first UH Hilo golfer to win the tournament. He finished the year in the top five and won NCAA Division II All-America honors.

Not bad for someone who never had a golf lesson and credits baseball with helping what he calls his "homemade swing." Mason says he enjoys the independence and competitiveness of golf. After a summer of work and golf in Oregon, he's hoping for a shot at an NCAA Division II championship title and qualification, via February's Governor's Cup, for the Sony Open this season. Then he plans to turn pro. "I'm tired of passing up checks," he says with a laugh. W

by Neal Iwamoto (BA '98 Mānoa) and Karla Brown (AA'04 Windward)



The classic player interprets what's on the page; the jazz player creates, playing what's not on the page.

I love beautiful melodies and counterpoint. I try to get the guitar to sing or carry the line through technique and melodic contour, the way horn players and singers do.

—Roland Davis (BA in philosophy, BFA in music '04 Mānoa). Davis was the 2002 ASCAP West Coast classical composer of the year and is one of four *DownBeat* magazine Best College Jazz Soloist awardees for 2004. He is continuing his studies at New England Conservatory with legendary jazz composer Bob Brookmeyer.

# The Melody of Love

hie Yamada taught shamisen in the UH
Manoa Music Department from 1966 until
she passed away in 1992. Her husband,
James S. Yamada, chose to honor his beloved wife by establishing an endowment in
her memory, to support the Department's unique ethnomusicology program that meant so much to her.

In 1997, Jimmy, as he was known to his family and friends, decided that he could give much larger gifts if he made them in exchange for a life-income plan. From 1997 to 2000, he established five charitable gift annuities, which paid him income for life and reduced his tax burden. He was very happy knowing that at his passing, the remainders of the annuity principals would be added to the Chie Yamada Memorial Endowment.

Jimmy spent the last years of his life studying Zen Buddhism. When he passed away in 2003, the Foundation learned that he had also made the Foundation, for the benefit of the endowment, the beneficiary of his IRA. In life and through his estate, Jimmy made a significant contribution to advance the study of music at the University of Hawai'i, in loving memory of his wife Chie. We express our deep gratitude to him, for his foresight and generosity.

You, too, can leave a legacy to benefit any of the University of Hawai'i's campuses, Colleges, Schools or programs by naming the University of Hawai'i Foundation in your Will, trust or qualified retirement plan. You may also make contributions of \$10,000 or more in exchange for a life-income. You don't have to be wealthy, just willing.

If you have already named the UH Foundation in your estate plan, please notify us so we may thank you and welcome you to our Heritage Society.

For assistance, in confidence, please call Susan Lampe at (808) 956-8034, email giftplanning@uhf.hawaii.edu, or return the form at right.



In loving memory of Chie Yamada

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## arts etc.

#### **PERFORMANCES**

Oct 29-Nov 7

Nov 5

Nov 17-21

Nov 19-21

Dec 1-5

Dec 4-5

Sep 18–25 Cyclops, satyr play incorporating dance and theatre, Mānoa, Kennedy Theatre 808 956-7655, www.hawaii. edu/kennedy

**Sep 17–26**How da B-52 Cockroach Learned to Fly, musical from the children's book, Mānoa, Kennedy Theatre 808 956-7655, www.hawaii.edu/kennedy

Sep 24–25 Iona Pear Dance Theatre presents Hawaiian Myths and Legends, Hilo, University Theatre 808 974-7310, http://performingarts.net/Theatre/calendar.htm

Oct 6-10 Fall Footholds I dance concert Mānoa, Kennedy Theatre 808 956-7655, www.hawaii.edu/kennedy/

> Mānoa Valley, a nostalgic glimpse at local life Mānoa, Kennedy Theatre, 808 956-7655, www.hawaii.edu/kennedy

Oct 30-Nov 6 This is My House, pieces

exploring the structure and definitions of family, Mānoa, Kennedy Theatre 808 956-7655, www.hawaii. edu/kennedy

Harlem Gospel Choir, Hilo, University Theatre 808 974-7310, http://performingarts.net/Theatre/calendar.htm

Fall Footholds II: You are the Mirror, choreography by Wayles E. S. Haynes, Mānoa, Kennedy Theatre 808 956-7655, www.hawaii. edu/kennedy

The Love for Three Oranges, outdoor performance with colorful masked characters and puppets of all shapes and sizes, Mānoa, Kennedy Theatre 808 956-7655, www.hawaii.edu/kennedy

Nov 21 History of the 'Ukulele panel discussion and mini-concert, Mānoa Music Department, 808 956-7756

Our Culture is a Myth, explores the myth of our personal cultures through music and dance, Mānoa, Kennedy Theatre 808 956-7655, www.hawaii.edu/kennedy/

Amahl and the Night Visitors and Messiah Christmas concert, Hilo, University Theatre 808 974-7310, http://performingarts.net/Theatre/calendar.htm

**Dec 11** 

Bela Fleck and the Flecktones, Hilo, University Theatre 808 974-7310, http://performingarts.net/ Theatre/calendar.htm

#### **FESTIVALS**

Sep 24 Taste of the Hawaiian Range

Food Festival, Hilton Waikoloa Village, College of Tropical

Agriculture and Human Resources 808 322-4892, www.ctahr.hawaii.edu/forages

Nov 8–12 Fall Writers' Festival celebrating authors of Oceania and the Caribbean, Mānoa, 808 956-7619, www.english.hawaii.edu/events/fallceleb.html

Kava Festival featuring demonstrations of kava use in Hawaiian and other Pacific Island cultures, Lyon Arboretum, 808 988-0464, www. botany.hawaii.edu/kavafestival



#### **EXHIBITS**

Oct 9

Through Sep 24

Best 100 Japanese Posters 1945-89, exquisite, witty, arcane or brazen posters that are both fine art and a source of national pride, Mānoa, Art Gallery 808 956-6888, gallery@hawaii.edu

Oct 10-Nov 19

Echoes of an Island Culture: An Introduction to the Art of Lampung, Indonesia, Mānoa, Art Gallery 808 956-6888, gallery@hawaii.edu

Through Oct 15

Lucille Cooper, A Select Retrospective, key pieces and themes fuse art and craft material into unique vessels, Kapi'olani, Koa Gallery 808 734-9375

Oct 20-Nov 12

Mixed Media Miniature Exhibition VII, small collectable and affordable work by some of Hawai'i's leading visual artists, Kapi'olani, Koa Gallery 808 734-9375

Nov 28-Dec 17

Graduate Exhibition, paintings, sculptures, prints and multi-media works, Mānoa, Art Gallery 808 956-6888, gallery@hawaii.edu

#### MISC

Nov

Intersections lecture by visiting artist Lynda Benglis, Mānoa, Department of Art 808 956-8251

Nov 24

Lecture by Witi Ihimaera, playwright, screenwriter and author of Whale Rider, Nights in the Garden of Spain and other works, Mānoa, Distinguished Lecture Series 808 956-9405, www.hawaii.edu/uhm/dls/

