

THE LIGHT OF KNOWLEDGE

# mālamalama

The magazine of the University of Hawai'i System

Volume 31 Number 2, May 2006



Exploring  
'Imiloa

Inside:  
Teacher shortage  
Still KTUH

Finding inspiration  
Noni or not



[www.uhpress.hawaii.edu](http://www.uhpress.hawaii.edu)



Visit our website:

- » search & order books online
- » sign up for email notices
- » find special offers
- » download PDFs of catalogs



Or contact us:

- » email: [uhpbooks@hawaii.edu](mailto:uhpbooks@hawaii.edu)
- » phone: 808-956-8255 or toll free: 1-888-UHPRESS
- » toll free fax: 1-800-650-7811
- » address: 2840 Kolowalu Street, Honolulu, Hawai'i 96822



### UNIVERSITY OF HAWAII PRESS

one of the world's leading publishers of books on Asia, Hawai'i and the Pacific, and Asian Pacific American studies



Will your retirement years be *golden?*

Get to know all your retirement options.

Learn about the Pacific Advisors Fund

**403(b) retirement account.**

Contact your local representative.



PACIFIC  
ADVISORS

Fund Inc.

**Arnold Honda (808) 527-8809**

*Securities and investment advice offered through  
Transamerica Financial Advisors, Inc.*

*A registered broker/dealer and investment advisor  
Member NASD & SIPC • 1163 S. Beretania St.,  
Honolulu, HI 96814 • (808) 536-1933*

## A GREAT, FIXED STUDENT LOAN RATE AND THE LOWEST PAYMENTS

*The UHAA has now teamed up  
with Student Trust, Inc.  
to offer you student loan  
payment relief!*

- Cut your monthly payments by 50% or more
- From inquiry to loan disbursement - our counselors are here 24x7 to explain your options and meet your individual needs
- Convert your variable rate loans in a single, **FIXED** rate loan
- Make a single monthly payment for all your loans - and simplify your life
- No fees, no credit checks, no prepayment penalties
- Log onto [AlumniConsolidation.com/UH](http://AlumniConsolidation.com/UH) or call 800-440-0634 any time of the day or night for more information or to apply

An Official Program of the



UNIVERSITY OF HAWAII  
Alumni Association



Making student loans more affordable.

[AlumniConsolidation.com/UH](http://AlumniConsolidation.com/UH)

## Editor

Cheryl Ernst

## Art Director

Rowen Tabusa (BFA '79 Mānoa)

## Photographer

Bob Chinn

## Associate Editor

Tracy Matsushima (BA '90 Mānoa)

## Online Editor

Jeela Ongley (BA '97 Mānoa)

## Contributing Alumni Editor

Nico Schnitzler (BA '03 Mānoa)

## University of Hawai'i President

David McClain

## Board of Regents

Andres Albano Jr.  
(BS '65, MBA '72 Mānoa)

Byron W. Bender

Michael A. Dahilig (BS '03 Mānoa)

Ramon de la Peña (MS '64,  
PhD '67 Mānoa)

James J. C. Haynes II  
(BBA '65 Mānoa)

Kitty Lagareta

Allan R. Landon

Ronald K. Migita  
(BBA '66 Mānoa)

Alvin A. Tanaka

Jane B. Tatibouet

Myron A. Yamasato  
(BBA '73 Mānoa)

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

## Change of address

UHF—Address Update  
P.O. Box 11270, Honolulu, HI 96828  
808 956-8829 or  
addressupdate@uhf.hawaii.edu

## Voluntary mail subscription

Suggested donation \$10  
Send to Mālamalama  
2444 Dole St., BA2  
Honolulu, HI 96822

## Free electronic subscription

Email [ur@hawaii.edu](mailto:ur@hawaii.edu) (please include your  
name and address)

## Advertising information

[ur@hawaii.edu](mailto:ur@hawaii.edu) or 808 956-8856

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

Aloha!

May is a month of milestones, as more than 4,600 students receive degrees and certificates from one of your university system's 10 campuses, indicating mastery of one of several hundred courses of study, ranging from astronomy to zoology. These graduates are among the more than 1 million people who have taken courses for credit at UH since the Territorial Legislature passed an act creating the College of Agriculture and Mechanic Arts on March 25, 1907.



Our diplomas reflect much more than academic accomplishment, of course. They mark the transformation our students have experienced in their lives. More mature than when they started, more confident in their ability to learn, UH graduates truly are ready to change the world, as those of you reading this issue have done.

Your university is undergoing a transformation as well, in order to make as much of a difference for Hawai'i, the nation and the world in our next century as we have in the one hundred years past. We're moving as far and as fast as our imagination, our competence and our capacity allow to create a culture of innovation. This means empowering our campuses and their chancellors and redoubling our efforts to raise private funds to complement the precious resources entrusted to us by taxpayers and by students and their parents, in order to provide the margin of excellence we all want.

At the same time, we're holding fast to the values that define this university, including the Native Hawaiian ahupua'a practice of sharing diverse but finite resources for the benefit of all as well as our tradition of respect for freedom of inquiry and expression of ideas both popular and unpopular.

My wife Wendie and I are honored to have the opportunity to lead this great university into its second century. As Wai'anae community leaders Kaipo Pomaikai and William Aila reminded us recently, for many of our citizens, UH represents the best hope that their dreams of a better life really can come true.

David McClain  
President  
University of Hawai'i System



# CONTENTS

## FEATURES

### ◀ Supreme Court Jurist.....9

The Hon. Anthony Kennedy praises UH students, criticizes media and shares his perspective on decision-making in the nation's highest court

### Where's the Teach? ..... 10

Recruitment and retention are challenges in filling school classrooms. UH programs are ramping up to help

### ◀ Something about KTUH ..... 13

For four decades, Mānoa's freewheeling radio station and its diverse staff have provided an alternative to mainstream programming

### 'Imiloa Opens ..... 16

Hilo's astronomy education and exploration center invites residents and tourists alike to learn about Hawaiian culture and astronomical research tied to Mauna Kea

### ◀ Arboretum Update ..... 19

After suffering from time, climate, insects and neglect, Lyon Arboretum has a plan for a comeback

### Sources of Inspiration.....20

Muse, discipline, serendipity and effort combine in the creative mind to produce works of art

### ◀ Cure-all or Fad?.....22

Noni is both a traditional treatment and booming industry, used by Polynesian healers and investigated by modern cancer researchers

## DEPARTMENTS

### Campus News ..... 3

### ◀ Research and Scholarship .....6

### Alumni..... 24

### Class Notes..... 27

### Sports ..... 31

### Enlightenment.....32

**On the cover:** Jean Abadilla investigates the meteorite exhibit with grandchildren Leimomi and Kekai Mattos on their first visit to 'Imiloa Astronomy Center, UH Hilo's new science museum. Story on page 16.

**Correction:** Michael Nakasone is not the first non-Hawaiian person to lead the Royal Hawaiian Band. *Mālamalama* regrets the editing error in the January issue that indicated otherwise.



**UNIVERSITY OF HAWAII  
FEDERAL CREDIT UNION**  
*The University's Credit Union*  
*Serving the University  
and Community Colleges of Hawai'i*

**LOANS**  
New and Used Car Loans  
Real Estate Mortgages  
Home Equity Lines of Credit  
Reward Credit Card

**BENEFITS, PRODUCTS  
& SERVICES**  
Free Online Banking  
and Bill Payment  
Non-Surcharge ATMs  
Shared Branching Service Statewide  
Financial Planning  
Business Accounts

2019 S. King St. Honolulu 96826  
Mon., Tues., Thurs., Fri  
8:00 a.m. - 4:00 p.m.  
Wed 8:00 a.m. - 3:00 p.m.

NCUA (808) 983-5500  
www.uhfcu.com

## Celebrate graduation or honor a loved one

Preserve your legacy; purchase a brick on  
UH Mānoa's Legacy Path today



IN LOVING MEMORY  
DONALD M. TOPPING  
1929 - 2003

UH Foundation, Office of Alumni Relations  
1-877-UH-ALUMS (1-877-842-5867); [alumnews@hawaii.edu](mailto:alumnews@hawaii.edu)

## Agreements strengthen Pacific ties

**W**indward Community College will exchange students, faculty and research with Te Whare Wananga o Awanuiarangi, an indigenous New Zealand tribal college that teaches according to Maori customs. One of the first participants, Windward Assistant Professor of Hawaiian Studies Kalani Meinecke, plans to complete his doctorate there. At Mānoa, the School of Travel Industry Management will collaborate with the World Tourism Organization on research and tourism development in the Asia-Pacific region. The first project will offer technical assistance to Fiji, Papua New Guinea and Timor-Leste.



Photo by Kevin Kanemori

## Community college students experience Asia

**U**H community college students can study in China, Japan or Korea under a \$1.2 million Freeman Foundation grant to operate the Kapi'olani campus's International Language Study and Service Learning Abroad program for two more years. Each semester, 10 scholarships are given to eligible full-time UH community college students. After one semester in daily content-based language study at Kapi'olani, students spend a semester living and studying abroad. "The course is a really good opportunity for students, but it's very intensive study. In the first five weeks, you basically finish Chinese 101," says participant Chrystin Stalter. The communication and aviation major will spend the summer at Peking University in Beijing, where she hopes to learn things not covered in the traditional American classroom. For information visit [www.kcc.hawaii.edu/object/freeman.html](http://www.kcc.hawaii.edu/object/freeman.html). —Karla Brown

## College coaches Kā'anapali guides

**M**auī visitors and residents alike can enjoy Kā'anapali's rich history thanks to a new tour designed by Maui Community College's Visitor and Innovative Training and Economic Development Center. Staff researched ancient legends, 18th-century battles, plantation-era tales and modern history to put together the 90-minute tour. Thirteen guides from various resort hotels have mastered the 35-page script and practiced dramatic presentation. Stories include the tale of Kaululā'au, who was sent in punishment for mischief to Lana'i, then inhabited only by ghosts, and the bloody Koko I Na Moku battle between brothers Kahiamokuakama and Kamehamehanui on what is now golf links. Tours are offered Tuesdays and Fridays; call Kā'anapali Beach Resort Association, 808 661-3271. —Heidi Sakuma



## CTAHR helps families learn to grow

**F**or six years, thousands of local families have been Learning to Grow with the help of a team from Mānoa's College of Tropical Agriculture and Human Resources. The state-funded umbrella program includes four initiatives to encourage early childhood development. Kith and Kin Outreach Program offers materials and resources monthly to low-income parents who depend on family and friends rather than licensed providers for childcare. Along with basic child development information, families receive ideas for simple, inexpensive activities that promote learning and books to encourage literacy. The Parent Consumer Education Program provides a video, resource booklet and brochure on how and why to choose high quality childcare. Family Resource Network Centers, located in seven public elementary schools and family service agencies on O'ahu, point to programs and services that promote children's safety, healthy development and school readiness. The Dolly Parton Imagination Library Program provides a child with one book per month for a year to encourage home literacy and build family-school relationships in selected communities statewide. Learning to Grow assessments document an increase in children's exposure to books from once a week to once a day or more. For information, visit [www.uhfamily.hawaii.edu](http://www.uhfamily.hawaii.edu). —Karla Brown

## Gifts top \$100 million

**U**H closed the calendar year by surpassing \$100 million in private donations since the Centennial Campaign began in July 2002. The gifts include \$32 million for faculty and academic support, \$26 million for student opportunities and \$24 million for research, according to the University of Hawai'i Foundation.





### Podcasts are part of online music master's degree

**M**ānoa's music department is setting the tone for teaching with technology with its online MA in music education. Five faculty members offer 30 credits of graduate work through WebCT (Web Course Tools) in combination with other technologies to provide asynchronous (anytime, anywhere) access to videos, mp3 libraries, voice-over presentations, printed materials, assessment tools and other resources. Two dozen students from across the country have been admitted to the program; they use collaborative tools to discuss and present their work. Click the online program at [www.hawaii.edu/uhammusic](http://www.hawaii.edu/uhammusic).

—Heidi Sakuma



### Pacific conference proves that Culture Moves!

**S**cholars, choreographers and dancers converged on New Zealand's Te Papa Museum in November for the first comprehensive conference on Pacific Island Dance. Mānoa Assistant Professor Katerina Teaiwa was a co-convenor for Culture Moves! Dance in Oceania from Hiva to Hip-Hop. She was joined by a half dozen UH faculty from Pacific Islands studies, dance and music programs in three days of panel discussions and performances. Among the UH alumni in attendance was anthropologist Adrienne Kaeppler (BA '59, MA '61, PhD '67 Mānoa), oceanic ethnology curator at the Smithsonian Museum.

### UH secures place in the Digital Universe

**A** California entrepreneur's ambitious project to create a commercial-free storehouse of authoritative information, Digital Universe debuted in January with 50 topical portals on the pilot site. Among the expert-vetted resources for information on the Earth is Mānoa's Department of Geology and Geophysics, [www.soest.hawaii.edu/asp/GG/index.asp](http://www.soest.hawaii.edu/asp/GG/index.asp).



### Small farms get dot-com help

**U**H Hilo Professor of Agricultural Economics Sabry Shehata has created a website to link small local growers to a worldwide market. It features interactive cost-of-production programs tailored to each farm and helps growers improve their management and marketing skills. Buyers can log in and order directly from participating growers' websites, listed by commodity. Shehata plans to add an e-commerce clearinghouse component to more efficiently distribute Hawaiian products. He hopes training components on the site will help Native Hawaiian, rural and underprivileged high school students and their families succeed in agribusiness. The Hawaiian Agricultural Products site was featured at the National Association of State Universities and Land-Grant Colleges' Eighth Annual Food and Agriculture Science and Education Exhibition. The February event held in Washington, D.C.'s Rayburn Office Building was attended by members of Congress and their staffs. For information or a demonstration, visit [www.hawaiianagriculturalproducts.com](http://www.hawaiianagriculturalproducts.com).

—Heidi Sakuma

### Project links higher education to the workforce

**U**H will participate in a Western Interstate Commission for Higher Education project to examine the nexus between higher education and the state's workforce and economic needs. The goal is to assist states in preparing a competitive workforce for the high-skill, high-wage global economy of the future and ensuring that formerly disenfranchised populations have access to high-skill jobs through education. "This support from WICHE and its partners will assist the university in better aligning our resources with state needs to maximize opportunities for all Hawai'i's citizens," notes UH System President David McClain.

### Here comes CSI O'ahu

Hawai'i's first undergraduate program in forensic anthropology opened this spring. The 2+2 certificate program is offered jointly by Leeward Community College and UH West O'ahu. The program builds on existing courses, which draw on the expertise of staff at the Army's Central Identification Laboratory at Hickam Air Force Base. Forensic anthropologists apply scientific techniques developed by physical anthropologists to identify human remains and assist in criminal investigations. In addition to anthropology, students take biology courses at Leeward and social science and justice administration courses at West O'ahu.

### Women's Campus Club dedicates grants

The Women's Campus Club dedicated its 2006 grants in honor the late Lorrie Mortimer, past member and wife of former President Kenneth Mortimer. The club, which raises money through a thrift shop and the *Exchange* housing newsletter, will fund 10 projects at Mānoa, Leeward and Windward campuses this year. Awards range from equipment to create podcasts on Hawai'i research and printing of a literary and art journal to support for a campus theatrical production and community reading programs.

### Mānoa gets ombudsman

Mānoa turned to a veteran problem solver to establish its ombudsman's office. Professor of Political Science Neal Milner, who previously helped establish the Program on Conflict Resolution, will set up the office, expected to open in the fall. The ombudsman will listen confidentially to students, faculty and staff and give informal advice or refer matters to mediation. While the office won't have authority to supersede university rules or directly resolve disputes, the ombudsman will be in a position to alert the administration when patterns indicate problems that need addressing.



Neal Milner



### Undergraduates work showcased

For more than a month this spring, Mānoa celebrated student work with the Festival of Undergraduate Research and Creative Projects. The campus-wide showcase for student work included a range of events, from student research presentations to business plan and engineering design competitions to artistic performances and exhibitions.



### Beijing opera crusader honored

Contact with Americans was politically risky in 1979 China. Still, renowned Chinese actor and teacher Madam Shen Xiaomei agreed to train Mānoa PhD candidate Elizabeth Wichmann in the art of jingju. Their bold association created an intensive theatrical resident training program at Mānoa and introduced western audiences to China's national traditional theatre, also known as Beijing opera. In February, Wichmann-Walczak, now a professor in Mānoa's internationally recognized Asian Theatre Program, assisted as the Board of Regents presented Shen with an honorary doctor of humane letters. Appropriately, the ceremony took place on stage at Kennedy Theatre, just before a performance of Shen's latest collaboration, *Women Generals of the Yang Family*, above.

Regents also conferred honorary degrees on baseball great Tommy Lasorda in January and Hawaiian culture expert Pualani Kanahele in December.

### UH launches WOW in Hawai'i

Honolulu Community College has spearheaded formation of a Hawai'i chapter of the World Organization of Webmasters. The not-for-profit organization for web professionals is open to anyone who wants to improve their skills and influence the future of the World Wide Web. The local WOW chapter is headed by Honolulu Educational Media Center Director Jon Blumhardt with Mānoa Librarian Beth Tillinghast. Visit <http://joinwow.org/honoluluchapter> for more information.



## Ethicists question blood study

A team of three bioethicists, including Mānoa's Ken Kipnis, have challenged a mainland study of the use of synthetic blood. In this highly publicized research, trauma victims in the field are randomly given either saline solution or an experimental oxygen-carrying fluid. Federal guidelines allow an exception to informed consent when a patient in a life-threatening situation is unable to consent and proven satisfactory treatments are unavailable. Blood is not available in American ambulances. According to the authors, the problem with the study is that the investigators can continue to administer the blood substitute in the hospital for up to 12 hours, still without consent and even after blood becomes available. Without transfusion, severe blood loss is likely to end in death. With transfusion, there is a better than even chance of survival. The authors argue that withholding an effective, standard treatment from non-consenting patients is a violation of research ethics and federal regulations.

## Cars may become pollution collectors

Researcher Roger Babcock of Mānoa's Water Resources Research Center is examining the performance of StreetVac pollution sorption pads. These resin-filled filter pads are designed to fit within the wheel wells of vehicles to capture pollutants such as oil, metals and fine particulate matter emitted by vehicles as well as those already present on roads. Vehicle-generated pollution is a serious problem, especially in Hawai'i, where runoff from roadways is almost immediately transported to nearshore recreational waters. Babcock will assess the pollutants collected by the StreetVac system, evaluate the collection efficiencies and assist with product development of the technology. Read more about StreetVac at [www.streetvac.com](http://www.streetvac.com).

—Heidi Sakuma

## IN BRIEF: Names and histories

- \* Hilo Assistant Professor Mark Panek chronicles the life of the first foreigner to reach the highest ranks of Japanese sumo in *Gaijin Yokozuna: A Biography of Chad Rowan* (University of Hawai'i Press).
- \* Mānoa archaeologists Michael Graves and affiliated graduate faculty member Kēhaunani Cachola-Abad received a 3-year, \$100,000 grant to research Kamehameha the Great for *We the People*, a National Endowment for the Humanities project on U.S. history and culture.
- \* NASA identified a new comet, named P/2005 VI Bernardi for Mānoa astronomer Fabrizio Bernardi, who first spotted it on Halloween night images from the Canada-France-Hawai'i telescope. The comet orbits the sun every 10 years, too distant to be visible to the naked eye.

## Plankton's role in ocean explored

Scientists have sequenced the genome of plankton living at depths of 40 to more than 13,000 feet to identify differences in their genes. Correlation with oceanographic data collected over the past 20 years by the Hawai'i



Photo courtesy of SOEST

Ocean Time Series' Station Aloha should yield clues about the microbes' role in the biogeochemical cycles of Earth's largest and perhaps most complex environment, Mānoa's David Karl reports in the June 27 issue of *Science*. Other data collected at Station Aloha and reported in an earlier issue of *Nature* indicate that increases in ocean temperature limit mixing with colder, deeper water. As a consequence, layers of phytoplankton become unstable during periods of climate change. Isolated below lighted surface waters, they may be unable to take up greenhouse gasses, exacerbating global warming, Karl and Netherlands colleagues suggest.

## Nitric oxide levels not linked to altitude sickness

In the lungs, nitric oxide regulates blood flow and thus oxygen delivery. So some scientists have speculated that differences in nitric oxide levels might explain why some people suffer headaches, nausea, dizziness and even life threatening edemas associated with acute mountain sickness while others more readily adapt to high altitudes. UH Hilo Professor of Anthropology Daniel Brown tested the theory with 47 campus volunteers, recording heart rate, blood pressure, nitric oxide levels and symptoms at sea level, the 9,100-foot mid-level facility and 13,800-foot summit of Mauna Kea. As expected, the level of exhaled nitric oxide decreased at high altitudes. However, neither the level of nitric oxide nor oxygen saturation predicted the severity of volunteers' symptoms. Only change in heart rate upon initial exposure to high altitudes correlated with acute mountain sickness, so there remains no way to predict who will suffer without exposing people to high altitude.



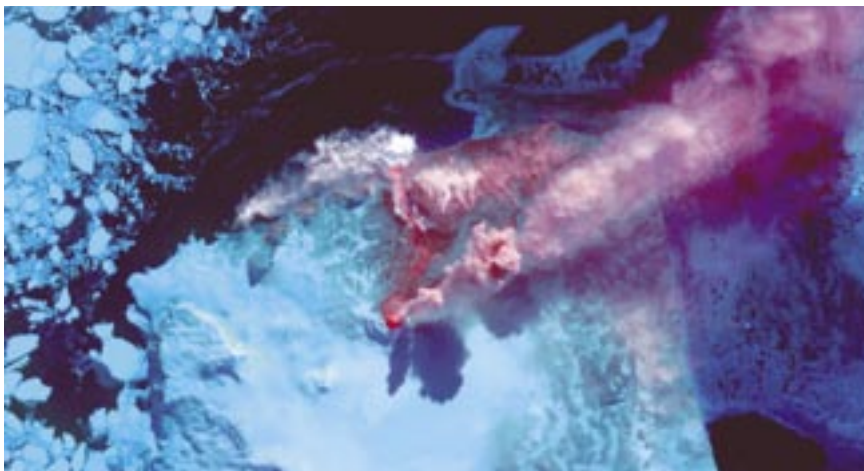


## Professors suggest government abstain from distorted sex ed

Offering abstinence-only sex education is akin to teaching driver's ed by showing grisly pictures of traffic accidents without teaching students to stop at red lights or buckle their seatbelts, according to one of the numerous sources cited in a new article by two Mānoa faculty members. Worse, it violates adolescents' legal right to make informed choices, argued Professors Hazel Glenn Beh (law) and Milton Diamond (anatomy and reproductive biology) at the *Columbia Journal of Gender and Law's* February symposium on sexuality and the law. The heavily footnoted article reviews historical, biological, medical, economic, ethical and educational aspects of the political battle over what schools will teach.

At the beginning the 20th century, American schools adopted sex education to encourage restraint and promote Victorian values through graphic information on the consequences of venereal disease and the evils of promiscuity and prostitution. The need to educate soldiers headed into world wars and recognition that earlier puberty and prolonged adolescence were accompanied by increasing premarital sexual activity resulted in a broader curriculum. Since 1999, however, federal funds have multiplied for programs that once again exaggerate the risks of abortion and sexually transmitted diseases and condone sexual relations only in the context of monogamous, heterosexual marriages. The problem, according to the authors, is there is no evidence abstinence-only programs are effective. Adolescents taking virginity pledges may delay sexual activity and have fewer partners, but most eventually engage in premarital sex. And when they do, they are less likely to use condoms correctly, if at all, and just as likely to contract STDs although less likely to be tested.

The article acknowledges lawmaker's interest in advancing social values—the government can legitimately remain silent on sexual activity or fund programs that extol abstinence, the authors write. But dissemination of false and distorted information that impairs minors' ability to make informed choices endangers their health and violates legal rights related to biological maturity. Reviewing court precedents, the authors conclude: "The state's right to convey its own message may not be had at the expense of a minor's decisional and privacy rights in matters of their own sexuality."



**Hot shot:** Mānoa postdoctoral researcher Matt Patrick has been monitoring the eruption of Mt. Belinda in the remote South Sandwich Islands since it was first flagged by MODVOLC, an automated system developed by Hawai'i Institute for Geophysics and Planetology scientists. MODVOLC detects high-temperature activity in infrared satellite images. In work he began as a UH graduate student, Patrick collaborates with the British Antarctic Survey to advance our sketchy understanding of volcano-ice interactions. His false-color image of the volcano spewing ash and steam last September was featured in *Discover* magazine in February.



Photo by Jennifer Citres

## Rapa Nui settlement estimates revised to later period

Excavations on Rapa Nui suggest colonization occurred 400–800 years later than previously thought. Surprised by radiocarbon dating results on samples excavated during an archaeological field school last summer, Mānoa Professor of Anthropology Terry Hunt and a colleague reevaluated previously published results. When eliminating samples known to compromise dating techniques, such as marine specimens, both past and current data suggest settlement about 1200 A.D. Hunt will continue his work on the island this summer. The field school was featured in the January 2005 *Mālamalama*.

## IN GEOPHYSICS: Ridge rocks and stretch marks

Volcanic rock forms at mid-ocean ridges much more quickly than previously thought, Associate Professor of Geology and Geophysics Ken Rubin reported in a September 2005 issue of *Nature*. Isotope dating of very young samples collected by submersibles suggests that new ocean crust formation takes no more than 100 years and perhaps only a few decades. That means underwater eruptions may be more frequent than previously imagined and that the geological, biological and chemical conditions at submarine volcanoes thought to mimic early Earth fluctuate rapidly.

This March in *Nature*, Rubin and colleagues described thick streaks in the upper mantle beneath the Indian Ocean using rock samples from the overlying mid-ocean ridge. The mantle apparently contains stretched remnants of subducting plates that were stirred in millions of years ago and just now return to the surface as lava.



Healthy coral tree

### Wasps threaten coral trees

**M**ānoa environmentalists didn't have to go far to find the detrimental effects of an alien species. Coral trees on campus have been deformed by infestations of tiny parasitic wasps that appeared in Taiwan in 2003 and spread to Singapore, Hong Kong, China and Hawai'i within just two years. A popular ornamental prized for its red flowers, the native wiliwili and imported coral trees become stunted and die after the wasps lay their eggs in green stems and leaves. UH botanists and entomologists are racing to find solutions. Cutting and burning infected trees has proven ineffective; injecting trees with an insecticide is at best an expensive, stopgap measure. Researchers have traveled to Africa, where similar infestations have been reported, in search of a natural enemy, but they must ensure that any imported control agent won't endanger native species. Meanwhile volunteers are harvesting seeds from as many subpopulations as possible as a hedge against the possibility that the native wiliwili could become extinct.

### Cigarette related cancer risk linked to ethnicity

**C**ompared to whites, black and Hawaiian men and women who smoke up to a pack of cigarettes a day are 55 percent more likely to develop lung cancer while Japanese-Americans and Latinos are 50 percent less likely to develop the disease, regardless of diet, according to results reported in the Jan. 26 *New England Journal of Medicine*. Researchers from the Cancer Research Center of Hawai'i and colleagues in California are following 184,000 people in the 8-year-old study of diet and cancer. The disparity appears to decrease as the level of cigarette use increases, observed CRCH's Loic Le Marchand.

### Common gene determines different body plans

**S**ea anemones, like their coral and sea jelly cousins, are supposed to possess a radial body plan. Virtually all other animals, such as flies, frogs and humans, have bilateral body plans. Yet these differently-built organisms share many genes from a common ancestor. Pacific Biosciences Research Center investigators David Matus and Mark Martindale have isolated a set of genes from the tiny, translucent starlet sea anemone. The genes encode for proteins that play slightly different roles in the development of the two types of body plans. Understanding what happens at the molecular level may help explain how the differences arose during evolution, the researchers report on the March 7 issue of *Current Biology*.

### IN ASTRONOMY: X-rays and dust bunnies

**A**stronomers have long known that the Milky Way galaxy is moving toward the constellation Centaurus at 1.4 million miles per hour. Now an X-ray survey behind the Milky Way suggests that the reason is the pull of a grouping of galaxies—the largest concentration of matter in the known universe—500 million light-years away. The discovery was presented at the American Astronomical Society meeting in Washington, D.C., in June. Mānoa graduate student Dale Kocevski made the observations with Institute for Astronomy scientists and Mānoa alumnus Chris Mullis. In another discussion at the meeting, graduate student Sean Andrews and IfA's Jonathan Williams reported that disks of dust particles orbiting young stars disappear quickly, allowing just a few million years for planet formation. Analysis of radio wavelengths captured on two Mauna Kea telescopes indicate that planets begin to form within the ring when dust particles clump together like dust bunnies under a bed.



Mānoa Institute for Astronomy's Fabio Bresolin helped create this portrait of galaxy Messier 101, nicknamed the Pinwheel Galaxy. Dozens of exposures from the Hubble Space Telescope are superimposed on images from the Canada-France-Hawai'i and other ground-based telescopes. At 16,000 by 12,000 pixels, the composite forms the largest and most detailed photo of a spiral galaxy ever released by NASA. The portrait captures the galaxy 25 million years ago, revealing clusters of hot, blue newborn stars within its arms, which stretch nearly twice the diameter of our Milky Way.



# Decisive in Hawai‘i

**A Supreme Court jurist-in-residence reflects on students, media and judicial process**

Students enrolled in the University of Hawai‘i at Mānoa’s William S. Richardson Law School are very good, promising students. That’s the word from visiting U.S. Supreme Court Justice Anthony Kennedy. He should know. The justice, former constitutional law professor and graduate of Stanford, London School of Economics and Harvard Law School has visited Mānoa’s law school four times.

Three of the visits, including his most recent this past February, were as a jurist-in-residence, presenting talks and participating in classes. He was accompanied by Myron Bright, senior judge for the U.S. Eighth Circuit Court of Appeals. Bright is one of the founders and a regular participant in the law school’s Jurists-in-Residence program, which brings distinguished national judges to meet and exchange ideas with students, faculty and the local legal community. Instituted in 1987, the biennial program is always a highlight of the year. Past participants include Associate Justices Ruth Bader Ginsburg, Antonin Scalia, John Paul Stevens and Byron White.

“I was especially impressed with the number of foreign students enrolled at the law school here,” says Kennedy. He praises UH’s law students for their curiosity, passion and perseverance in aspiring to become honorable professionals in



**Justice Anthony Kennedy, standing, and federal appeals court Judge Myron Bright, seated, met with students. Below: Kennedy’s visit included a black-tie dinner with leaders from O‘ahu’s legal community.**

jurisprudence. The students were eager to ask him questions and share their personal thoughts on the nation’s judicial system, he observes.

In turn, he urged first-year law students to persevere and not get discouraged by any form of adversity or disappointment. “Our nation needs good, capable, passionate students ready to tackle the challenging issues that lie ahead. I want to encourage students to ask as many questions as necessary, until they clearly understand everything there is to know about jurisprudence.”

Noting that the news media doesn’t always accurately interpret Supreme Court opinions, he suggests reporters make it a point to report opinions factually, thoroughly researching and presenting all aspects of opinions in as dispassionate a manner as possible.

Kennedy shares his own approach to rendering opinions relating to challenging, controversial cases: “I look at

each case with an overall perspective in an objective a manner as possible. Each case is different, so one can’t apply a standard, fixed criteria and mindset for every case.”

When he was appointed to the U.S. Court of Appeals for the Ninth Circuit in 1975, Kennedy became one of the youngest federal appeals judges in the nation at age 38. Honored by the appointment, but also challenged by the issues that the nation faced at that time, he says he always relied on a firm grounding in personal values and jurisprudence to guide him.

“I would like to think that my views are pragmatic and not ideological on issues impacting upon the U.S. Supreme Court,” the 1988 Regan appointee says. “I make it a point to look at issues from an objective perspective, being careful not to begin with any predisposed assumptions. That’s the real challenge, to study an issue inside and out, to look at it from every perspective possible, until you feel comfortable enough to render an opinion that you’re certain is the prudent one.”

by George Furukawa (BA ’76 Mānoa), a Honolulu freelance writer



# Coming Up Short

**Schools struggle to find the right equation for recruiting and retaining teachers**

by Janine Tully

**N**ews about teacher shortages continues to make headlines nationwide. In Hawai'i, education officials scramble to fill 400–500 vacancies at the beginning of each school year, depending on emergency hires and substitutes to fill the gap, a move that makes some educators nervous.

“Nobody likes hiring on an emergency basis,” says Randy Hitz, dean of Mānoa’s College of Education. “The state Department of Education is in a difficult position because someone has to teach a classroom full of kids.”

Reasons often cited for the dearth in qualified teachers are an aging teaching corps moving into retirement, low salaries, competing professions, lack of professional support and poor facilities. Bruce Shimomoto, a veteran DOE recruiter, adds other factors: new federal and state mandates such as No Child Left Behind and the Felix Consent Decree. “We’ve had teacher shortages before in some areas, but as time goes on there are more and more areas that require certification, and the number of graduates from UH has not kept pace.”

Moreover, DOE has to grapple with geographic shortages, Shimomoto says. “UH is producing more students in elementary ed, but if you ask these students if they want to teach in Wai‘anae or Moloka‘i, the answer is ‘no.’” The most acute shortages are in math and science at the secondary level and special education at all levels. But teachers are also needed in vocational trades, computer science, library science, Hawaiian studies and English, he says.

## **UH’s response**

The Mānoa College of Education is doubling recruitment efforts, increasing capacity, adding and expanding programs and making teaching more accessible to mid-career professionals and to the neighbor islands. With the DOE, it has also established tuition waivers and loan forgiveness programs.

“People think of a teaching education as a four-year program,” says Hitz. “That’s only one of our models. We have a post-baccalaureate and a master’s degree. And we do lots of variations of all three by distance delivery.” The college’s Office of Technology and Distance Programs was created in 2002.

“Our objective is to ensure that teaching programs are available to people who are working fulltime and to students on the Neighbor Islands and O‘ahu’s Leeward Coast,” said Paul McKimmy, who runs the programs. “Now we have programs for people who want to become teachers and teach in those areas.” The program offers four distance delivery methods:

- \* Face to face instruction—faculty and students go to the island with





the largest enrollment, typically Maui. Flights and accommodations are covered by tuition.

- \* The Hawai'i Interactive Television System (HITS)—the system has new receiving sites on Kaua'i and in West Hawai'i and expanded operations for Moloka'i, Lāna'i and Hāna. Still, some students have to drive up to two hours for their video classes.
- \* WebCT (Web Course Tools)—instructors post class materials online and hold discussions through email.
- \* Web-conferencing—computer-based courses use audio and Internet capabilities, PowerPoint presentations and video clips.

More than 200 neighbor island students are enrolled in online licensing programs for elementary, secondary and special education. This fall, 125 more are expected to enroll. Four years ago the college implemented Transition to Teaching, a fast-track, three-semester federal program aimed at graduates in other fields who want to teach math and science.

This fall, UH West O'ahu will launch a baccalaureate degree in early childhood education in hopes of training more Head Start professionals. The program is a response to recent congressional action that requires 50 percent of Head Start teachers to hold a bachelor's degree by 2010. Graduates will receive a BA with a concentration in early childhood education. "Because the concentration will be embedded in the social sciences degree, students will have a range of career opportunities beyond teaching," says Melinda Wood, program developer at West O'ahu. The new program will partner with community colleges on Maui, Kaua'i and Hawai'i and in Honolulu, allowing students to take early childhood courses at the community colleges and complete their bachelor's course work at West O'ahu.

In addition, West O'ahu plans to launch an elementary education program in fall 2007 to address shortages in the Leeward area, where teacher turnover is a serious problem. "We are hoping to 'grow teachers in their own backyards,' in hopes that teachers who

already live and work in the Leeward side will stay in the area," says Wood. Leeward Community College recently established an associate of arts in teaching to create a pipeline into West O'ahu for students wanting to become teachers.

## **School conditions, low salaries and bureaucracy hamper recruitment**

UH Hilo offers a teacher education program as well as a master's in education. However, those programs only graduate about 20 teachers a year, notes Shimomoto.

"I think we have dealt with the capacity issue pretty effectively," says Hitz, adding that next fall COE will admit 175 students.

"Increasing our capacity to meet critical workforce needs in the state is a top priority for the university," says UH Interim Vice President for Academic Planning and Policy Linda Johnsrud. "That includes such areas as nursing, teaching and construction." The UH administration recently increased the College of Education's budget by \$756,000 to start programs on the neighbor islands. Last year COE received \$500,000 from the Legislature for eight faculty positions, including an administrative one, and the governor has requested funds for two more.

"The administration has been very supportive," says Beth Pateman, elementary co-director in COE's Institute for Teacher Education. "Two years ago we had to refuse students in the elementary program because we didn't have enough faculty."



Mānoa graduates 300 to 400 teachers a year with specialties in different fields. Of that number, about half enter the public school system, says Hitz.

### **Recruitment challenges**

Special education program Chair Amelia Jenkins knows too well the difficulties involved in recruiting special ed candidates. The program has failed to attract enough students, despite strong recruitment efforts and financial incentives, including a tuition waiver. Students going for a baccalaureate or a post baccalaureate degree get their tuition paid with the condition that they teach (three years for the bachelor's and five for the master's). "Being a special ed teacher is a tough job, and not only because of the students you have to deal with," Jenkins says. "There are a lot of federal and state guidelines to adhere to regarding students with disabilities and a lot of paperwork."

Schools are also having a hard time recruiting candidates in math and science, where competing fields that did not exist 30 years ago lure students away. The university was hoping that TTT (Transition to Teaching) would attract mid-career professionals who want to teach math or science. But the program has been struggling to find individuals with the necessary credentials. As of February, TTT had recruited 70 participants for 100 openings. Students receive \$1,500 per semester and \$500 for supplies, plus fee reimbursement for students who pass the PRAXIS tests required to teach in public schools. In return, students must teach for three years in a Hawai'i public school.

"The conditions of the schools, the low salaries, the bureaucracy, all contribute to poor recruitment," says Virgie Chattergy, who heads the program. The bad press DOE frequently receives doesn't help, she adds.

### **Teachers' exodus**

Eclipsing teacher recruitment is the problem of retaining good teachers. "We can prepare, prepare and prepare, but they leave," says Pateman. Every year close to 1,600 teachers leave the islands, according to the Hawai'i State Teachers Association. Chattergy attributes retention problems to what she calls the three Cs: conditions, compensation and culture. School culture particularly affects mainland teachers, whose temperaments may be incompatible with that of the school and whose expectations are often unrealistic, she explains.

## **Expanded programs, flexible delivery, mentoring and incentives help**

"A large portion of teachers' time is spent dealing with administrative matters rather than teaching," she says. "This requires maturity, experience and other skills that cannot be taught. The only thing you can do is provide more incentives, including a more attractive environment."

Last year state lawmakers introduced legislation that provides mainland recruits with housing assistance, increases funds for teacher development, provides bonuses to those willing to teach in remote areas and

establishes a mentoring program. The initiative would benefit emergency hires, says Pateman. "They are thrown into the classroom with very little or no field experience." Shimomoto believes mentoring programs are one of the most effective ways of keeping teachers here. "It's a very important component but also a very expensive one when budget cuts come and fiscal realignment is required."

The reasons teachers leave are as diverse as the teachers themselves, says Shimomoto. Some don't fit into Hawai'i's culture and are lonely, some flee the high cost of living, and some leave because of lack of professional support. "Compensation is part of the mix but not the number one driver," Shimomoto says.

While teacher salaries have gone up in the last few years, the Hawai'i teachers union contends wages have not kept pace with the high cost of living. The average teacher's salary is \$46,000; the union would like to see that reach \$60,000 when a new contract is negotiated in 2007.

No one enters the teaching profession to become wealthy, but teachers should feel financially secure and supported in their profession, educators say. Toward this end, the university and DOE have been collaborating to improve teaching conditions. "We all struggle in Hawai'i and throughout the nation in our efforts to recruit teachers in math, science and special education," says Hitz. "And we struggle to recruit people willing to serve in inner cities and remote rural areas."

Ultimately, says Shimomoto, "everyone is trying to figure out how we can best meet teachers' needs while providing children with quality education." <sup>M</sup>

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

### **For information**

Mānoa College of Education

808 956-8002, [www.hawaii.edu/coe](http://www.hawaii.edu/coe)

West O'ahu early childhood and elementary education programs 808 454-4750

Hilo 808 974-7582, [www.uhh.hawaii.edu/depts/education](http://www.uhh.hawaii.edu/depts/education)



# There's something about KTUH

**Mānoa's free-wheeling radio station makes a profound impact**

by Jeela Ongley

It's a rare musical genre that has never aired on KTUH radio. In nearly 37 years of operation, the station's programs have remained as dizzyingly diverse as the people who produce them. Names like *Da Flower Punk Show*, *If You Don't Dig the Blues You Have a Hole in Your Soul*, *The Lightsleepers Show*, *Synocopated Paradiddles with Rudi Mintz*, *The Armadillo Radio Program* and *Soul 69* give a sense of the creative freedom at the station. Behind the elaborate monikers are DJs opinionated, open-minded, passionate and informed about the music they love. They are given technical training and set loose on the airwaves with complete creative control. Some of the resulting shows are, admittedly, a little rough around the edges, and no one will like everything they hear. But as a listener, the amazing feeling of a solid DJ turning you on to your new favorite song is unbeatable.

"What's really great about good radio is that it exposes you to music you never would have heard—not only new music but old music as well—which is an incredibly important concept at KTUH," explains Jay Junker. The Mānoa music instructor and station alum urges all his students to do a show on KTUH.

"When you think about it, what happens at commercial stations is very close to censorship, and you can forget about hearing anything too unconventional or controversial," says 15-year KTUH veteran James Kneubuhl. "Almost all of Honolulu's commercial stations sound just plain boring to me." While many KTUH DJs have gone on to professional radio careers, others share Kneubuhl's aversion to mainstream radio programming and practices. "KTUH is a safe haven of sound, a pu'uhonua that conscientious, choice-oriented people can go to," says a highly cerebral DJ who prefers to be known by his on-air name, MetaLX. "There is a saying, 'by beholding one becomes.' By exposing ourselves to a seemingly innocuous and banal barrage of top 40 lyrics, which is in no



Photo courtesy of KTUH



Illustration by Rick Moses

uncertain terms propaganda, we are unknowingly changed and molded into a better corporate consumer."

## People make the station go round

Whether quirky, radical, effusive, intellectual, humorous, eccentric or just plain weird, on-air alumni of Mānoa's student-run station have two things in common—an intense love of music and an appreciation for the camaraderie they found with their motley crew of KTUH contemporaries.

**KTUH is O'ahu's only alternative radio—that's not just a slogan, it's a reality.**

—Listener Neil Abercrombie

"Bespectacled classical DJs mingling with beatnik jazz bunnies, Mohawk clad punks, big-hair rockers and so on—there was a lot of cross-pollination," recalls Kit Grant of the dynamic early '80s. "It was like family," adds Bob "da Budman" Wiorek, who worked for the station from 1976 to 1984, just before the station's first big power increase. "Sure we had our differences, but when it all came out, we stuck together and enjoyed those differences. We all had KTUH in common."

Grant is beginning a new career as outreach and development director

**Station staffers ran the acoustic stage for the popular Diamond Head Crater festival during the 1970s**



**Veteran community DJ Kevan Scott says he joined KTUH for “the creative process this station allowed 30 years ago and still does today.” Honolulu cartoonist John S. Pritchett had been in Honolulu a year when he designed the station’s 1975 logo.**

As a DJ, it was empowering to be able to expose my favorite songs to a mass of people without being invasive. As a musician, I appreciate how KTUH is a great medium for actively supporting local talent.”

Like many alumni, Chow tries to play the Saturday afternoon *Alumni Show* (3–6 p.m. HST) whenever she’s in town. Fellow alumni around the world can tune in online

at [www.ktuh.org](http://www.ktuh.org). “We encourage all former DJ’s to stay in touch with us, host our *Alumni Show* and let us know where you are and how you’ve been,” says current General Manager Justin Quezon, aka Sifu “Jive” Walker on the Tuesday night *Afrostylus* show. Former DJs can link up with the KTUH History Project at [history@ktuh.org](mailto:history@ktuh.org) or via <http://ktuh.org>.

#### **Breaking new ground every day**

KTUH was innovative and important from the start. In 1971 it was the first Hawai‘i station to broadcast in quadraphonic sound. A September 1977 *Honolulu* magazine article counted KTUH as only half a station, “very much minor league...an afterthought,”

for the American Civil Liberties Union of Hawai‘i. Wiorek now works as an electronics technician at a safety and security company in California. Late ’80s DJ and journalism major Derek Ferrar helped found *Honolulu Weekly* and now works as an editor for the Office of Hawaiian Affairs. “The best thing about being involved with KTUH was the people I met and who I am still friends with today,” he says.

Equally important is the professional experience gained when students commit themselves to a weekly 3-hour time slot. Nowhere else in the state, except the Big Island’s rising University Radio Hilo (see page 15), can students get hands-on experience and total creative freedom at the same time. Alumni work in entertainment, media, public relations and countless other industries, including high tech and non-profit sectors. Many credit KTUH for giving them a leg up.

“In addition to learning about the fundamental aspects of radio broadcasting, my experience at KTUH landed me my first professional job in

radio!” says Miles Takaaze. “I worked at radio stations throughout Hawai‘i for the next 15 years.” Dixie Alexander translated a semester at KTUH in 1977 into a 20-year radio career. “Networking is the lifeblood of broadcasting,” she emails from Southern California. “Friendships made at KTUH can launch and resurrect careers.”

“KTUH provided facilities and experiences that I otherwise wouldn’t have had,” adds Vivian Chow, a musician, writer and recording artist who relocated to Los Angeles after graduating in 1999. “I loved meeting other people who were just as passionate about music and had eclectic tastes.

#### **Help celebrate the centennial**

**L**eading up to the University of Hawai‘i centennial in 2007, *Mālamalama* will feature programs and developments that have had a significant impact in the lives of our alumni over the years. Contribute your memories by writing to *Mālamalama*, 1627 Bachman Place BA2, Honolulu, HI 96822 or [ur@hawaii.edu](mailto:ur@hawaii.edu) (put “centennial” in the subject line). Please mention other alumni involved and provide their contact information if you have it.



but extolled its strengths as the only one of just three FM rock stations in the state airing “considerable amount of new talent.” One of the other stations was syndicated from Dallas, the other favored established artists.

**Being in the station was like magic; it was like an endless stream of inspiration.**

—DJ MetaLX

KTUH was one of the first stations in Hawai‘i to play jazz and was instrumental in popularizing reggae and hip-hop. Now common on the local dial, the genres still get special treatment at KTUH, where obscure cuts are spotlighted and sales figures are irrelevant. Less frequently heard styles, including punk, blues, Latin, funk, Brazilian, Afrobeat and electronica, thrive at KTUH. Even local mainstays like rock and Hawaiian find new life outside of the limited playlists of commercial stations.

“KTUH was built with the vision and action of a small but committed group of students with very little input from the administration or faculty of UH Mānoa,” says John Burnett, who volunteered at the station in the ’70s and early ’80s. “What we lacked in skill, we made up in creativity and persistence,” adds Russ Roberts, who was there at the beginning.

For the first 15 years, KTUH ran at 100 watts at best—about the strength of a light bulb—producing a signal that barely reached the student dorms and playing albums and audio tape spliced with a razor. Community DJ Kevan Scott is a holdover—continuously involved since 1973—who counts Congressman Neil Abercrombie among his listeners. Scott’s Saturday afternoon *Burnt Speakers* show reflects

his dedication to ’50s, ’60s and ’70s rock and the Americana, folk, jazz and blues that grew out of it.

“We went from sitting in a studio in Hawai‘i Hall with a psychedelic clock on the wall and a window that looked over the grounds to the windowless room in Hemenway Hall, where it still is today,” recalls Wiorek. Because the station’s early reach was relatively insignificant, the Federal Communications Commission paid little attention, and the culture that grew around KTUH was even more freewheeling than it is today. Privately, early alumni reminisce over the wildness of their youthful radio experience. Few care to see such reflections in print, so readers will have to imagine life at the less regulated, hippie-run station.

Maturity requires adjustment. People who felt they had a right

to their shows learned that they needed to comply with regulations, observes attorney Brion St. James, who enjoyed college radio so much in the ’80s that he still volunteers at a station near his home in Sacramento. An increase to 3,000-watt signal strength and a new frequency reaching the Windward side in the last five years required a rise in the level of professionalism to meet the expectations of a new audience.

Still, like its listeners, KTUH hasn’t abandoned its roots. “The station is an oasis of individualism in a desert of homogenization,” says U.S. Rep. Neil Abercrombie. “I enjoy it every time I listen, and it’s heartening just to know it exists.”

Jeela Ongley (BA ’97 Mānoa) is web content coordinator in External Affairs and University Relations, a graduate student in English and regular KTUH listener

## University Radio Hilo is the new kid on the rock

On the Big Island, UH Hilo and Hawai‘i Community College operate a small but buzzing musical haven known as University Radio Hilo. Students Z Knight and Mark Farrell, both slated to graduate this month, wrote the charter and secured funding to launch URH as an internet station four years ago. In March students and staff installed four tenth-of-a-watt transmitters on the roof of the UH Hilo Theatre, making an AM broadcast available to a 3-mile radius that includes 10,000–15,000 people in Hilo’s urban center.

“The AM station is one more way to make town and gown closer,” says staff advisor John Burnett, who’s spent 30-some years in radio and journalism, including a 14-year stint as the play-by-play announcer for the Hilo Vulcans, since cutting his teeth at KTUH. Reflecting on the mostly 20-somethings who made the station a reality, he says, “I couldn’t be prouder of them if they were my own children.”

On the URH website, listeners can send requests and messages to the DJs live and search the station’s small but growing music collection. Pukas in the schedule create ready opportunities for the right student DJs. When there are no shows on the air, URH offers an automated playlist handpicked by staffer Dori Yamada, a Hilo alumna Burnett calls “a hip indie rock chick with great taste in music.” The resulting sound is reminiscent of the short-lived yet much-loved Radio Free Hawai‘i—a mosaic of songs from a variety of genres that work together while flouting the rules of conventional broadcasting.

Listen online at [www.uhhradio.com](http://www.uhhradio.com) or tune in at AM 1640 in Hilo.



Astronomy and Hawaiian culture come together under one sky at

# The ‘Imiloa Astronomy Center

by Arlene Abiang

**M**ore than a decade ago UH Hilo officials began to develop the growing research and technology industry on the Big Island. Its University Park of Science and Technology opened in 1990, attracting international tenants representing technology, agriculture, biotechnology and science, including UH's Institute for Astronomy and other leading astronomy institutions.

Hawai'i Sen. Daniel Inouye and UHH officials envisioned the addition of a world-class astronomy learning center and visitor attraction where people could learn about the remarkable research taking place atop Mauna Kea volcano, combined with the cultural elements that early Hawaiian navigators brought to the field. Inouye helped the university secure NASA funding for

the project, and in February, their vision was brought to life. The 'Imiloa Astronomy Center of Hawai'i opened to positive reviews from residents and tourists of all ages.

## Where astronomy and culture merge

'Imiloa means "exploring new knowledge." The 'Imiloa center takes visitors on an exploration of Mauna Kea and tells the story of its world-renowned astronomy and rich Hawaiian traditions. The \$28 million, 40-square-foot facility overlooking picturesque Hilo Bay is unique inside and out. The center's three titanium-clad cones, with its bold radiance, is already a landmark with the local community. Designed by Honolulu architecture firm Durrant Media Five, the building represents three volcanoes on the Big Island—Hualalai, Mauna

Loa and Mauna Kea. "The center celebrates a connection between Earth and the universe beyond," says Melvyn Choy,

Durrant chairperson and managing principal.

The landscaping surrounding the attraction features indigenous and "canoe" plants (those brought by early Polynesian navigators). It mirrors the changing flora found as one ascends from ocean front to volcano summit. Earlier this year, the Hawai'i Island Landscaping Association recognized local landscape architect Randall Monaghan and the center with two awards for excellence for the design and implementation. Inside, visitors, students and families are invited to immerse themselves in various learning exhibits that link Hawaiian cultural traditions and the science of astronomy.

"This place brings an important part of Hawaiian history to life," says Executive Director Peter Giles. A seasoned museum leader and fundraiser, Giles recently retired after 18 years of conceptualizing and realizing The Tech Museum of Innovation in San Jose. He arrived in Hawai'i determined to establish 'Imiloa with a reputation on par with the world-class recognition





**UH Hilo's new visitor attraction features architecture designed to elicit a sense of place and hands-on exhibits that combine fun with facts**

of Mauna Kea's astronomy research. "Mauna Kea is the local tie for many when it comes to astronomy, so it is fitting that 'Imiloa blend a sense of place into it," says Giles.

**Cosmic evolution is cool**

For those seeking an educational and interactive experience, 'Imiloa does not disappoint. The center is filled with more than 100 learning exhibits—from games and video clips to a 3D immersion theater that transports its passengers to outer space.

"Our exhibits are visually appealing, fun and hands-on, fascinating our visitors, especially the kids," says Gloria Chun Hoo, 'Imiloa marketing manager. A veteran in both museums and marketing, Hoo was born and raised in Honolulu. She worked with Giles at The Tech for 10 years and moved back to Hawai'i this year to join him in creating another exceptional attraction. Her enthusiasm is palpable. "Entering the main exhibit gallery, one can't help but feel an initial sense of awe in moving onward with their explorations," she says.

In the entry exhibit, the Piko, visitors ascend through a simulated koa forest that winds its way to the top of Mauna Kea. Another crowd-pleaser is the 4D2U experimental theatre, developed with the National Astronomical Observatory of Japan, which operates the Subaru Telescope on Mauna Kea. Viewers take a 3D journey through space

and back in time to the Big Bang more than 13 billion years ago. In the Kumulipo theatre, compelling chant and stimulating lights and sounds tell the Hawaiian story of creation in a theatrical way.

The 120-seat full-dome, state-of-the-art planetarium boasts a Digistar 3 system, one of the most technologically advanced video production systems available. Its reclining seats, each equipped with keypads on the armrest, allow audience members to customize their viewing experience. Currently showing is *Maunakea: Between Earth and Sky*, a 22-minute film focusing on the sacred mountain, its connection to Hawaiian culture and our ongoing exploration of the origins of the universe. Once installed this summer, the planetarium's laser projector will provide the highest resolution available—up to 16 million pixels of video resolution.

**More to come**

Not yet open at press time, the center's 2,000 square-foot café will build on the center's theme through a menu developed in conjunction with food-service provider Sodexo. The center also plans to involve UH Hilo and Hawai'i CC students as volunteers, interns and part-time workers. About 80 volunteers from the local community have signed on to assist the 15 full-time employees.

Facing an annual operating budget of \$3 million, Giles intends to place 'Imiloa on a solid financial basis. His sustainability plan calls for half the revenue from admission, store sales, rental fees and membership; 25 percent from grants and 25 percent from private donations. State contributions are expected through an appropriation to UH Hilo.

Another priority for Giles is "to

build the image and reality of 'Imiloa as the must see destination in the Pacific." To achieve that, Hoo works closely with the Big Island Visitors Bureau to promote the center to the travel and tourism industry. "The Big Island Visitors Bureau sees 'Imiloa as having a huge potential to attract visitors and encourage tourists to stay a night in Hilo," she says. "We have already been contacted by many tour operators who are interested in adding us to their schedules."



UHH officials are also committed to making the center a major attraction for the island and the state. "The relationship between 'Imiloa and UH is symbiotic, and the partnership is vital to both," says Hilo Chancellor

**'Imiloa Astronomy Center of Hawai'i**

**Hours:** 10 a.m.–4 p.m. Tuesday–Saturday

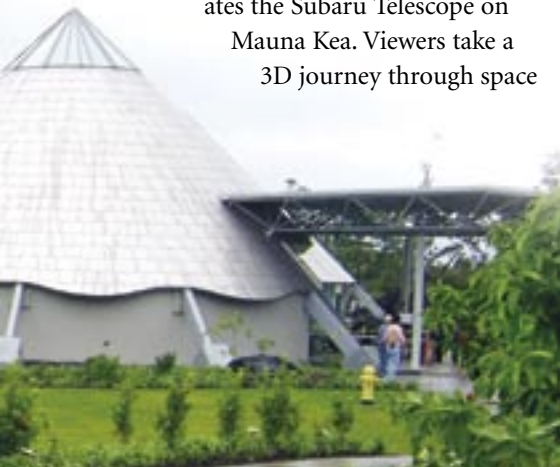
**Extended Hours:** planned for summer; available to scheduled groups

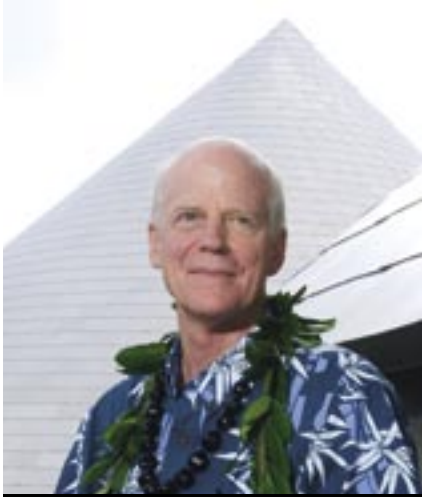
**Admission:** \$14.50 general, \$7.50 ages 4–12, free under 4; kama'aina rates available

**Directions:** from Route 11 (Kanoelehua Hwy), turn onto Pū'ainakō Street and head mauka (uphill) 1.5 miles; turn right onto Komohana Street; turn right onto Nowelo Street; take the second left onto 'Imiloa Place; follow signs for parking.

**Contact:** 808 969-9700

**Online:** [www.imiloahawaii.org](http://www.imiloahawaii.org)





## Meet Peter B. Giles, 'Imiloa Executive Director

**Roots:** Salt Lake City, raised in San Francisco

**Career:** President and CEO, The Tech Museum of Innovation; president, Silicon Valley Leadership Group; board member, International Association of Science and Technology Centers


**Academic training:** History and public administration

**Family:** Wife Leanne, 7 children, 10 grandchildren

**Hobbies:** Languages, fitness, music

**On life in Hawai'i:** "It's a new adventure, with new and intriguing personalities."

Rose Tseng. "The university provides the expertise of its faculty and a great resource for volunteers among faculty, staff and students, while 'Imiloa's popularity as a visitor destination will bring more visibility to UH Hilo on a national and international level. The mutuality will result in increased prestige for both institutions, making the marriage of 'Imiloa and UH Hilo more than just the sum of its individual parts."

Giles adds, "Astronomy remains one of the exciting frontiers that can only be crossed with technological innovation. It will be an important part in making Hawai'i a home for technology innovation." 

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

## Manua Kea astronomy featured in new books

Look for two books by people with UH ties to learn more about Manua Kea and the astronomical activities that take place on the mountain.

In *A Gentle Rain of Starlight: The Story of Astronomy on Manua Kea* (Island Heritage Publishing), UH Hilo Professor of Astronomy Michael J. West compiles a sumptuous record of the history of astronomy on the mountain, the people involved and the discoveries made. The title—a reference to photons, droplets of starlight that fall onto telescope mirrors—hints at the often poetic text. An abundance of photos—historic, documentary and artistic—gives even the armchair traveler a taste of the mountain's beauties and working conditions.

*Manua Kea: A Guide to Hawai'i's Sacred Mountain* (Watermark Publishing) is a comprehensive resource for anyone who plans to visit in person. UH Mānoa alumni Leslie Lang (MA in anthropology) and David Byrne (BS in geology and geophysics, MBA) include sections on cultural significance, natural history, recreation and side trips along with practical considerations and visitor etiquette.

Both books acknowledge conflicting views that arise in the debate over use of a place that is at once the world's best site for astronomy, a unique ecosystem and perhaps the most sacred of locations to Native Hawaiians. And both tomes offer an abundance of fun facts (e.g., a light bulb gives off more light in an hour than Mauna Kea telescopes collect in four years) and information on each of the observatories that can help you ace the quiz below.

### Match the facility with its attribute

- |   |     |
|---|-----|
| 1 Caltech Submillimeter Observatory     | ___ |
| 2 Canada-France-Hawai'i Telescope       | ___ |
| 3 Frederick C. Gillett Gemini Telescope | ___ |
| 4 W. M. Keck Observatory                | ___ |
| 5 James Clerk Maxwell Telescope         | ___ |
| 6 NASA Infrared Telescope Facility      | ___ |
| 7 Submillimeter Array                   | ___ |
| 8 Subaru Telescope                      | ___ |
| 9 UH 0.6-Meter Telescope                | ___ |
| 10 UH 2.2-Meter Telescope               | ___ |
| 11 United Kingdom Infra-Red Telescope   | ___ |
| 12 Very Long Baseline Array             | ___ |

- operated remotely from Waimea, this tri-nation telescope uses the world's largest "camera"
- its radio antennas create the world's largest telescope—92 feet in diameter—below the summit
- its veteran 5-inch-thick Pyrex mirror, small by current standards, was installed by the Air Force in time for the first lunar landing
- it observes by recording waves in the region of light just below infrared
- this northern hemisphere twin creates its own laser star in order to measure light distortion
- Institute for Astronomy scientists used its data to identify the first object discovered in the Kuiper Belt
- with technological advances, this 27-year-old's infrared images rival those taken from space
- it is named for the star cluster known to the west as the Pleiades and to Hawaiians as Makali'i
- its two mirrors have documented more extra-solar planets than any other ground-based telescope
- its 8 antennas can be located in varying configurations using 24 pads
- instruments beneath its low silver dome have monitored volcanic activity on Jupiter's moon Io for nearly two decades
- named for a Scottish physicist, it's shaded by the world's largest piece of Gore-Tex fabric

1 d, 2 a, 3 e, 4 i, 5 l, 6 k, 7 j, 8 h, 9 c, 10 f, 11 g, 12 b

Score: 9–12 correct—you're a star; 5–8—amateur astronomer; 1–4—not bad for a beginner







Part visitor attraction, part research facility, UH's botanical garden makes a comeback

# Remember the Arboretum

**Less than three and a half miles, as the mynah flies, from downtown Honolulu lies 194 seemingly primeval acres**

nestled deep in the back of Mānoa Valley. *Jurassic Park* could have been shot here; the popular television show *Lost* has filmed nearby. Majestic trees canopy the lush forest floor and a constant murmur of birdsong, insects and dripping water fills the moist, fragrant air.

Established by the Hawaiian Sugar Planters Association in 1918 to demonstrate watershed restoration, test tree species for reforestation and collect living plants of economic value, Harold L. Lyon Arboretum became part of the University of Hawai'i in 1953 and was named for the botanist who served as its first director. It is at once repository for more than 5,000 species of rare tropical plants, research facility, living laboratory and classroom and a Zen-like oasis. But the eternal sense generated by the garden's green and tranquil ambiance belies recent uncertainty over its future.

Most of the facility's buildings, charming wooden cottages built in the 1920s, are suffering from the valley's humidity, insects and the onslaught of time. The arboretum was forced to close for five months in 2004, its buildings deemed unsafe for daily use. The state Department of Land and Natural Resources registered concerns about moneymaking activities on Conservation District Lands and the State Auditor critiqued management, charging UH with neglecting the facility. Various groups, including environmental and community organizations, weighed in and two university task

groups made recommendations on core education and research missions in keeping with an academic institution.

Initial accommodations to assure safe public access allowed the arboretum to reopen. Arboretum staff applauded the appointment of Mānoa Associate Professor of

Botany Clifford Morden as interim director. Renovations have begun with \$3 million in state funding provided over two years. Still, Gary K. Ostrander, Mānoa vice chancellor for research, cautions that since past difficulties developed over an extended period, it will take time to resolve them. "We've got some work in front of us. We're on the right track, we're definitely making progress. Though it's going slower than we'd like, I'm trying to figure out how to ensure its long-term success. I'm not interested in a quick fix."

He has no such reservations about the staff, who kept the place running during the closure. "They are the biggest unacknowledged resource the arboretum has, incredibly dedicated, hardworking and focused. They have been absolutely wonderful during this transitional period."

A biologist by training, Ostrander seems as enchanted by the arboretum as the casual visitor. "It's a very peaceful, quiet, tranquil place. When I go up there I certainly feel the stress of everyday life at the university ebbing out. There are so many unusual plants that you don't see very often anywhere else in the world. Many of them are novel species for me. At various times of the year different plants flower and that gives you a different sense every time you go."

He also exudes optimism about the arboretum's future. "I have a vested interest in seeing the arboretum reestablished and fulfilling its mission of teaching, research and service to the community. I want to get the arboretum to a place where it's fiscally solvent and meeting that mission with excellence. We're going to be unique, we're going to be different, and we're going to be very very good at what we do." ☺

by Dale Moana Gilmartin (BA '89 Mānoa), a Honolulu freelance writer



## The Harold L. Lyon Arboretum

3860 Mānoa Road in Honolulu  
Open to the public for self-guided tours 9 a.m.–4 p.m. weekdays

[www.hawaii.edu/lyonarboretum](http://www.hawaii.edu/lyonarboretum) or  
808 988-0456



Whether springing from Muses, discipline or serendipity, creativity begins with

# Inspiration

by Jennifer Crites

Some of us feel it in the shower. Others get it in dreams or while exercising. Author J. K. Rowling took hers to a coffee shop where she wrote the first Harry Potter book. Inspiration—that “Aha! I’ve got it” moment—seems to come out of nowhere. But does it really? What exactly is inspiration and how do we go about getting some?

Pumped for an inspiration primer, UH Mānoa Professor and Chair of Philosophy Eliot Deutsch explains that the idea of inspiration in the context of aesthetics and artistic creativity is no longer understood in the Platonic-like notion that one is taken hold of by some external divine power and

produces great works of art as a result. In keeping with East Asian and South Asian traditions, each in their own way, it was thought that artistic creativity involves a kind of disciplined spontaneity resulting from extensive training in a particular practice, such as painting or music. “The belief that one is suddenly inspired to write a symphony or an epic poem is no longer in fashion,” he says. Current thinking holds that “inspiration” is a creative process that requires technical skill, deep feeling and both conscious and unconscious mental determination.

And preparation. “Musicians spend years rehearsing, running scales and learning their instruments,” says Richard Lee, associate professor of

music at UH Hilo. “It’s through that process that they’re building the basis for inspiration, which is released in the moment of creation and performance.” Donald Womack, composer and acting chair of Mānoa’s music department, puts it this way: “We tend to think that inspiration is somehow magical. I think it’s more a matter of putting in the perspiration so the idea finally presents itself in an understandable way. It’s like the idea is out there all along but it’s too blurry, disconnected or hidden and you can’t quite see it. The moment we call inspiration is when you suddenly understand what was there before.”

“I think inspiration comes from some of the most unexpected places at the most unexpected times,” says David Behlke, assistant professor of art at Kapi‘olani Community College and director of the campus’s Koa Gallery. He recalls a summer trip home during his college days and “being inspired in the middle of the night in my mother’s kitchen to paint a self portrait on the spot.” For Behlke, inspiration often arrives in the form of doodles while he’s on the phone or in a meeting. “I have to pay attention (to the phone call or meeting speaker) just enough to keep my conscious mind off the drawing,” he confides.

Lee finds inspiration in the inspired works of other musicians and feels it flowing when he’s improvising in the confines of a studio. Debra Drexler, Mānoa associate professor of art and art history, also creates a separate workspace that allows her to declutter her mind so inspiration can do its thing. Music is part of the process—“everything from jazz and blues to rock, U2 and the Beatles, depending on what I’m in the mood for and the kind of work I’m doing,” she says. The initial inspira-



tion for Gaugan Zombie—a complex art installation that includes massive paintings, woodcarvings, fictional writing and a thatched hut—came to Drexler in a dream in 1998. Since then, she says, “I rework and add new ideas each time it shows” at art centers nationwide.

**B**ehlke keeps a dream journal. He also relies on “a little voice that talks to me when I’m making art. It tells me what colors to put where.” Womack finds that endorphins from exercise put him in the inspired-creative driver’s seat. For *MidWeek* editor and East-West Center Fellow Don Chapman, it can be as simple as a shower. Chapman needed a headline for a cover story on former UH athletes in the military. “I had tried a few and none worked,” he says. “Then on deadline day, getting ready for work, my head far from headlines, stepping out of the shower, the idea popped into my head: Hawai’i’s True Rainbow Warriors.”



Collage by Susanne Yiu

Current events can’t help but influence the creative process, notes Womack, whose composition “After”—performed by the Honolulu Symphony in concert with Japanese composer Shigeaki Saegusa’s “Cantata Tengai”—memorialized the grief and honored the victims of the Ehime Maru ship sinking tragedy. “The motivation of wanting to do something about it started the process,” says Womack, “but the inspiration came along when I got those ‘ok-I-know-what-to-do-next’ moments.” After six months spent deciding on the character of the piece and its instrumentation, Womack still had not written the music. Sitting in his office one day grading papers, he heard a student outside play a few notes on a clarinet. “That sounds like a shakuhachi,” he thought, jotting down the notes. The resulting Japanese bamboo flute solo became a major part of the composition.

What about those of us who aren’t artists, musicians or writers by profession. Is inspiration beyond our reach? Emphatically no, says Lee. “In any field—plumber, carpenter, auto repair, housekeeper, whatever—there has to be a vision of some kind to do problem solving. We’re all unconsciously seeking solutions to problems even while doing everyday tasks.

“I think people are inspired constantly by their surroundings,” suggests Chapman. “The process of solving problems is the same one artists go through; it’s just that artists focus on it as a fundamental part of their craft. My friend races cars. He does things as a mechanic or behind the wheel that are creative and inspired but he’s not thinking about it that way. He’s just trying to make the car go faster.”

There are different kinds of inspiration, Chapman adds, and inspiration doesn’t always involve artistic cre-

ation or problem solving. “You can be inspired by someone’s example. I have a friend who’s fighting cancer, and I’m inspired by his strength. Inspiration might lead you to try to be a better person or to emulate someone.”

“The literal meaning of inspiration is breathing in and out, respiration,” explains Mānoa Professor of English Frank Stewart, a poet and editor of the literary journal, *Mānoa*. “So inspiration has to do with mortality—to take life in and let it out, but in a way that has value to others.

### **Inspiration dawns in doodling, discipline and a sudden understanding of what’s already there**

That’s why we can be inspired by a teacher, community leader, athlete, artist, performer or heroic act. There’s something about true inspiration that’s selfless, and therefore it’s the giving of a gift. That’s why it’s important to everyone. Inspiring people are role models. They act, create, sing, speak or risk their lives for all of us who can’t do it as articulately, joyfully, mournfully or passionately as we would like to.”

When it comes to inspiration, little is certain. It treats us all differently, arriving when we’re ready. You can’t pluck it from the air like fruit from a tree or download it at will like a file from the Internet. But, to paraphrase the message of the baseball diamond in *Field of Dreams*, if you’ve done your homework and tuned your internal antennae to the right frequency, it will come. 📶

Jennifer Crites (AA ’90 Windward, BA ’92 UHWO) is a freelance writer/photographer in Honolulu



# Wonder Drug or Latest Fad?

Not all noni's purported benefits have traditional origins

by Cheryl Ernst

**B**umbo, cheese fruit, lada, nho, bankoro, hog apple, mouse's pineapple or limburger tree. With so many names, perhaps it shouldn't come as a surprise that products from *Morinda citrifolia*, aka noni, represent a \$3 billion industry. At about \$1 per fluid ounce retail, noni has one of the world's highest profit-margins for juice beverages, according to Scot Nelson, a plant pathologist in Mānoa's College of Tropical Agriculture and Human Resources who has developed the definitive noni website.

Odorous when ripe and bitter tasting when aged, noni has a reputation as a cure-all for ailments ranging from arthritis to ulcers. Scientists are looking at compounds that may have potential benefits, but experts say the fruit is unlikely to live up to all the claims.

A member of the coffee family, noni is a small evergreen tree or shrub that bears bumpy, fleshy yellowish-white fruit. The fruit is turned into juice and sold in its pure form or as juice concentrates, beverages or powders. Dehydrated pulp is made into fruit leather and dried leaves are crushed for medicinal and cosmetic

use. Oil is derived from pressed seeds for use in shampoos and other modern topical applications. The market for noni products is worldwide, with largest distribution in North America, Mexico, Asia and Australia.

The plant may have colonized Pacific islands naturally, but many believe it was brought to Hawai'i by the Polynesians, who used the noni bark and root to make yellow and red dyes. As botanists, the voyagers knew what they were doing—noni thrives in a wide range of precipitation levels, temperatures and soil conditions. It survives in arid regions, lava fields and brackish tide pools. It regenerates after fire or severe pruning and can flower year-round.

The Polynesians generally limited noni's use to topical applications, according to Mānoa ethnobotanist Will McClatchey. The elder healers he's interviewed in Hawai'i and other Pacific regions describe using heated leaves as bandages, placing chopped leaves within wounds and applying green fruit in external remedies. Non-healers used crushed or sliced fruit as poultices for infections or skin ailments.

Noni juice has grown in popularity over the past 20 years, fueled by claims that it can treat cancer, high blood pressure, diabetes, AIDS and depression. "The popularity of *M. citrifolia* fruit in modern Hawai'i seems to hinge on a combination of its tradition of use among Polynesians, development and distribution of modern products and a mixture of factual and fanciful information





provided directly by manufacturers and indirectly by academic researchers,” McClatchey writes in *Integrative Cancer Therapies*. He groups noni health claims in three categories. One relates to traditional Polynesian uses. Others he traces to an undocumented

## While it’s probably not a cure-all, noni has exhibited anti-cancer potential in preliminary studies

1985 botanical garden newsletter article that extols an unsubstantiated alkaloid dubbed zeronine. Third are miscellaneous vague claims.


“As with other panaceas, *M. citrifolia* is being marketed as ‘hope in a bottle’ which will ‘naturally’ treat illnesses that are otherwise out of the control of the average person,” concludes McClatchey.

Noni juice is high in vitamin C, and scientists have isolated potentially promising compounds, including immune-boosting and anti-bacterial polysaccharides,

anti-inflammatory scopoletin and anti-septic anthraquinones.

Some studies have begun to test specific claims. A. Y. Hirazumi studied anticancer and immunotherapy potential of the fruit for her UH doctoral dissertation. She determined that noni juice could stimulate an immune response in cells and exhibited promising anticarcinogenic properties. Mānoa Professor of Pharmacology Eiichi Furusawa demonstrated antitumor activity of noni juice in mice.

The Cancer Research Center of Hawai‘i continues the work with funding from the National Institutes of Health and Hawai‘i Community Foundation. Researchers must first determine safe and tolerable dosages of noni capsules. Measurement of biologically active chemicals in the urine helps determine a minimum level to maintain presence in the bloodstream while interviews gauge the maximum dose that can be accommodated without adverse effects. Later, efficacy studies will compare noni against a placebo to determine actual benefits. It’s only anecdotal evidence so far, but lead researcher Brian Issell says some of the 50 patients participating in the dosage study report reduced pain.

Bottom line? Drink noni if you like—Nelson’s website will even tell you how to make your own juice—but be cautious about unsubstantiated claims. And learn more at The Noni Website: [www.ctahr.hawaii.edu/noni](http://www.ctahr.hawaii.edu/noni) 

—Cheryl Ernst is *Mālamalama* editor and creative services director in External Affairs and University Relations

Noni photo courtesy of the College of Tropical Agriculture and Human Resources; noni products provided by ‘Umeke Market.

## A healthy newcomer



**B**lueberries, nature’s little sack of vision protecting, cholesterol lowering antioxidants, could become a high-value niche crop for Hawai‘i. Mānoa researchers and USDA colleagues are testing the crop’s viability at the College of Tropical Agriculture and Human Resources’ Mealani Research Station in Waimea. Six heat-tolerant cultivars of the North American shrub are being tested.

Researchers will follow the plants for several years, but preliminary observations are promising. Four cultivars have produced good yields of quality fruit. Emerald and Misty had the largest berries, Sharpblue the sweetest. Visit [www.ctahr.hawaii.edu/freepubs](http://www.ctahr.hawaii.edu/freepubs) to download the blueberry flyer under “Fruits and Nuts.”

## A traditional staple

Hawaiians once cultivated breadfruit, or ‘ulu, in large groves. Its wood was used for surfboards and its bark for kapa and bandages. The sap served as a salve, calk and glue for catching birds. The pale pulpy fruit was used to chum for fish and feed pigs. And baked, boiled, worked into a poi or cooked as a pudding, ‘ulu was a dietary staple that rivals taro in nutritional value.

Breadfruit’s popularity as a food declined by the 1920s, but Mānoa food scientists Alan Titchenal and Alvin Huang aren’t ready to abandon the plant. “This beautiful, productive tree has an ongoing role to play in the Hawaiian lifestyle,” they write in *Hawaiian Breadfruit: Ethnobotany, Nutrition and Human Ecology*. Go to [www.ctahr.hawaii.edu/PIO](http://www.ctahr.hawaii.edu/PIO) and click on “for-sale publications” at left or call 808 956-7036 to order the book.



## 2006 Distinguished Alumni Awards

The UH Alumni Association celebrates these alumni for outstanding contributions to their professions, community and university on May 18 at the Sheraton Waikīkī



Thomas Kaulukukui Jr.



Samuel Koide



Patricia Y. Lee



Robert G. F. Lee



Seiji Naya



Kent Tsukamoto



Victor Yano



Genoa Keawe

### Distinguished Alumni Award

**Thomas Kaulukukui Jr.** (JD '77) was the first William S. Richardson School of Law alumnus to become a circuit court judge. An activist for Native Hawaiians, he is chair and managing trustee of the Queen Lili'uokalani Trust. He has also served on the boards of several local non-profit organizations.

**Samuel Koide** (BS '45) produced foundational reproductive biology research instrumental to many of the breakthroughs in human fertility regulation. His international research collaborations include publication of more than 300 scientific papers. Koide strives to improve secondary schools in New York and is a nationally ranked long distance runner and triathlete in his age group.

**Patricia Y. Lee** (BA '65, JD '79) is an accomplished trusts and estates attorney at the law firm of Goodsill Anderson Quinn and Stifel. Honorary consul of France in Honolulu, she holds a doctorate in French and was recently awarded the *Ordre National du Mérite* by the French government for her service to the French community in Hawai'i. Lee has served UH in various capacities, most recently as chair of the Board of Regents.

**Robert G. F. Lee** (BS '71, MBA '83) built impressive civilian and military careers. In 2004 he was promoted to major general, the highest rank in the Hawai'i National Guard. He serves as Homeland Security advisor to the governor and director of the Hawai'i Civil Defense, as well as a board member of several charities, including the American Red Cross Hawai'i Chapter.

**Seiji Naya** (BBA '58) has been extensively involved in international economics for more than 40 years. Abroad, he served as a visiting professor at Thammasat University in Thailand and chief economist of the Asian Development Bank. At home, he served as director of Hawai'i's Department of Business, Economic Development and Tourism. A UH emeritus professor, he serves as distinguished visiting senior fellow at the East-West Center.

**Kent Tsukamoto** (BBA '78) is a leading authority in taxation and managing partner of the Honolulu office of PricewaterhouseCoopers LLP. A strong advocate for UH, he is the UH Alumni Association's only two-term president and a 1994 Outstanding Alumnus of the College of Business Administration. Other volunteer activities include work with the St. Louis School and the Blood Bank of Hawai'i.

**Victor Yano** (BS '74, MD '78) is the minister of health for Palau. The first Palauan physician to return home to work, he established the Belau Medical Clinic, prompting the government to improve the public healthcare sector. He was a driving force in development of the Pacific Basin Medical Association to support medical practitioners in the region.

### UH Founders Lifetime Achievement Award

**Genoa Keawe** is lovingly known as Hawai'i's admired Lady of Song for her gentle presence and strong falsetto—her trademark for half a century. She has recorded more than 20 albums and 150 singles with her group Genoa Keawe and Her Hawaiians. "Auntie Genoa" was recognized by the National Endowment for the Culture and Arts and inducted into the Hawaiian Music Hall of Fame in 2000 and awarded an honorary doctor of humane letters from UH last year.



## UH 'Ohana

### Hawaiian Islands

**UH Alumni Golf Club** members played at Hickam Golf Course–Māmalama Bay on Feb. 8.

West O'ahu Chancellor Gene Awakuni shared his vision for the campus in Kapolei at the **UHAA Member Luncheon**, and Mānoa Vice Chancellor for Research Gary Ostrander discussed recent research breakthroughs at an April alumni reception.

At Mānoa, Interim Chancellor Denise Eby Konan spoke at the **Colleges of**



**Arts and Sciences Alumni Association** spring breakfast. ABOVE: Sheraton employees and other **Travel Industry Management** alumni and friends helped paint the interior of George Hall as part of the school's 40th anniversary activities. **College of Business Alumni and Friends** tasted more than 75 different wines at the Executive Vineyards Wine Tasting in the Stan Sheriff Center. **School of Architecture Alumni Association** held its annual benefit at the Ramsey Museum in Honolulu.

**UH Hilo** alumni and friends honored Gregory Chun, Henry Lee Loy, Jim Melody, Robert Fujimoto and Dwight Takamine at its Distinguished Alumni and Service Awards Banquet.

### International

UHAA launched the **UHAA-Korea** chapter Mar. 28 in Seoul. Mānoa Chancellor Denise Eby Konan, UHAA Executive Director Kevin Takamori and UH Foundation President Donna Vuchinich welcomed chapter members to the inaugural reception.

### Mainland

The **College of Business** held spring events for alumni and friends in New York and California. **Colleges of Arts and Sciences's** travel tour celebrated spring in Pennsylvania; Washington, D.C.; Virginia and South Carolina.

BELOW: **UHAA-East** members toured the Marquesas Islands exhibit at the Metropolitan Museum of Art curated by Mānoa alumnus Eric Kjellgren (MA '92, PhD '99). **UHAA-Las Vegas's** Eighth Annual Membership Stew Dinner featured Jean Ariyoshi, former first lady of Hawai'i.



## Art, Wine and Cuisine in Dordogne and Provence

A UHAA Travel Study Program



### September 11–22

Explore the culture and history of enchanting southern France, from Bordeaux to Provence, with Honorary French Consul Patricia Lee



Patricia Lee

### Destinations

The finest wineries in Bordeaux and the Dordogne, the Palace of the Popes in Avignon

### Sights

Prehistoric cave paintings, Roman ruins, ancient castles

Exquisite landscapes of Arles and St.-Remy-de-Provence

### Accommodations

A medieval bishops' castle and 15th century chateau  
A hotel with vinotherapie spa amidst the Chateau Smith Haut Lafitte vineyards

### Dining

Michelin-starred restaurants

**Before you go**, join UHAA for a lecture on prehistoric and medieval art by Leeward CC Professor Barbara Saromines-Ganne and a wine tasting with Master Sommelier Chuck Furuya

Space is limited; contact us today  
UH Alumni Association, Kevin Takamori  
808 956-6410, [kevin.takamori@uhf.hawaii.edu](mailto:kevin.takamori@uhf.hawaii.edu)  
[www.UHalumni.hawaii.edu](http://www.UHalumni.hawaii.edu)

## Join your alumni association today!

Sign up at [UHalumni.hawaii.edu](http://UHalumni.hawaii.edu) or use the form below.

Name (last, first, middle/prior last name) M / F Circle

Mailing address

City State Zip Country

Telephone (home, work, fax)

Email Birthdate

UH Campus(es) attended\*

UH degree(s) Graduation year(s)

Name of spouse/significant other M / F Circle

UH Campus(es) attended\*

UH degree(s) Graduation year(s)

Designate one alumni chapter; complete list at [UHalumni.hawaii.edu](http://UHalumni.hawaii.edu)

☐ New member ☐ Renewal

### ANNUAL MEMBERSHIP (check one)

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

### LIFE MEMBERSHIP (check one)

- ☐ \$750 Single ☐ \$1,000 Joint  
☐ \$175 (1955 graduate or prior/age 70 and over)

### METHOD OF PAYMENT (check one)

- ☐ Check or money order enclosed (payable to UHF/UHAA)  
☐ VISA ☐ MasterCard ☐ AmEx

Credit card no.

Expiration date

Signature

\*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 (842-5867)

Email: [alumnews@hawaii.edu](mailto:alumnews@hawaii.edu) Website: [UHalumni.hawaii.edu](http://UHalumni.hawaii.edu)

## Finding their niche

**Alumni on two sides of the Pacific have found success by identifying niche markets.**

In Hawai'i, licensed physical therapist **Robert Makiya** (AS '84, AA '95 Honolulu; BS '97 Mānoa) founded SLR Therapy Services to provide physical and occupational therapy house calls. At the rehabilitation facility where he worked, families described the challenge of getting parents to outpatient clinics and asked if he could continue helping them at home. Makiya is convinced that the comfort of a familiar environment and involvement of family members make many patients more receptive to treatment and more likely to continue exercises on their own. His company specializes in service to the geriatric community, including balance, strength and endurance training, management of back pain and orthopedic surgeries, self-care and caregiver training. Contact him at 808 732-4288.



**Maile Inagaki** (BA '00 Mānoa) imports a bit of Hawai'i to the Rocky Mountains. Her Little Grass Shack Hawaiian Boutique ([www.spreadingaloha.com/index.htm](http://www.spreadingaloha.com/index.htm)) in Denver sells authentic lei, including orchid, tuberose, maile, ti leaf and kukui nut. The one-time blackjack dealer and sushi chef developed a business plan in a community college course and began importing lei from Hawai'i and teaching lei making. The large number of Hawai'i students attending Colorado colleges make the garlands a popular item for local graduations, and the luau is a popular theme for restaurant events and corporate parties, Inagaki says. She offers wedding services too. "I'm definitely providing something you can't find at Wal-Mart," she told the *Denver Business Journal*. This spring, the shop introduced shave ice to Coloradoans. "Most people here have only tasted sno cones; hopefully, once they've experienced shave ice, they'll be back for more," she says.



## UH Alumni Career Networking

[UHalumni.hawaii.edu](http://UHalumni.hawaii.edu)

- \* Post or Find Jobs
- \* Post or Search Resumes
- \* Volunteer or Search for Mentors



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

## 1950s

**Owen Miyamoto** (BS '50 Mānoa) received the Citizen Engineer Award for 2005 in recognition of his accomplishments in the area of public service. He is the retired administrator of the Airports Division of the Hawai'i State Department of Transportation and a lecturer at Honolulu Community College.

## 1960's

**Odetta (Ululani) Fujimori** (BEd '62, PD '63 Mānoa) has been inducted into the McKinley High School Hall of Honor for her contributions to education in Hawai'i as a teacher for 30 years and the first president of the Hawai'i State Teachers Association. She was the first Asian American elected to the executive committee of the National Education Association.

**Karen (Mendyka) Huff** (BEd '65 Mānoa) and Emil Pawlik announce their marriage on April 2, 2005, at the Alice Millar Chapel in Evanston, Ill. They live in Jackson, Miss. Emil and Karen enjoyed one of two honeymoons in Hawai'i, where they competed in the National Masters Track and Field Competitions at Mānoa. Emil won four gold medals and a silver while Karen won silver in the javelin and bronze in the shot put.

**May Leiko (Togo)**

**Imamura-Uruu**

(BEd '62, PD '65 Mānoa) has retired from teaching from Waipahu Elementary School after 35 years of Department of Education service. On June 11, 2004, Kamehameha Day, she married Lawrence "Larry" Uruu of Aiea. All of couple's five children are UH graduates.

**Gregory Pai** (BArch '67, BA '67 Mānoa) is retired from his job as director of Office of State Planning and the governor's special assistant for policy development under Gov. Cayetano. He spends much of his time fixing up an old house, indulging in art and music and teaching and studying the art of meditation.

## 1970's

**Stephen Alexander** (MSW '76 Mānoa) is assistant director for Adoption Journeys, a statewide post adoption support program in Massachusetts.

**Sondra Dockham-Leong** (MSW '77 Mānoa) is the regional coordinator for the Counseling and Advocacy Program at the Pearl Harbor Fleet and Family Support Center.

**Lloyd M. Fujie** (BBA '71, MBA '73 Mānoa) recently accepted a position at Hawai'i Pacific University as vice president/chief financial

officer. He worked for 32 years at Deloitte & Touche LLP as a certified public accountant.

**Melvin Gionson** (BA '77 Mānoa) works at Columbia University as the assistant to the acting vice president of facilities management. Still acting, he recently completed a production of *Ivanov*.

**Roberta Wong Leung** (BBA '70, BA '71 Mānoa) is dean of the Shunde Polytechnic, Foshan School of Hotel and Tourism Management in Guangdong, China. She was inducted into the Mānoa's TIM Alumni Hall of Fame in 1993 and was one of 75 Outstanding UH Rainbow Award Alumni.

**Ernest D. Libarios, Sr.** (MED '72 Mānoa) was included in the ninth edition of *Who's Who Among America's Teachers*. He has previously received Mānoa's Board of Regents Excellence in Teaching Award.

**Victor Lim** (BBA '73, MBA '75 Mānoa) is the owner/operator of a McDonald's franchise, with seven locations in Honolulu. He is the vice president and board member of the Organization of Chinese Americans, Hawai'i Chapter.

**Lynn (Ziemianski) Maunakea** (MSW '79, MBA '05 Mānoa) accepted a position at Kamehameha Schools as executive director of the Ke Ali'i Pauahi Foundation, a non-profit, educational support organization. For the past eight and half years, she served as a public advocate for Hawai'i's homeless as the executive director of the Institute for Human Services.

**John Penebacker** (BA '73 Mānoa), special assistant to Hawai'i's state librarian, was honored at the Hawai'i State Library on his retirement from the library system. He served for nearly 18 years as a legislative library advocate under three state librarians.

**Robert "Mick" Minicola** ('75-'76 Leeward) is regional vice president of operations for HTH Corporation, overseeing daily operations at Pacific Beach, Pagoda and King Kamehameha's Kona Beach Hotels. He joined HTH in 2003 as regional general manager, with more than 20 years of experience in multi-property hotel management for U.S., Marshallese and Japanese owners.

**Alvin Tomita** (BBA '72 Mānoa) recently became the new deputy fire chief of the Honolulu Fire



## Nancy McMahon

Archaeologist, rodeo cowgirl

**Career:** State archeologist

**UH degrees:** BA '81, MEd '88, MA in anthropology '90 Mānoa

**Roots:** Denver

**Family:** Son Jeremy, 9 horses, 10 cows, 5 dogs, 6 parrots

**Sports:** Helped launch Rainbow Wahine softball as assistant coach; started professional women's tackle football in Hawai'i and was invited to play at the Orange Bowl

**Best thing about UH:** Good cultural experience. "It was interesting being in a class of more than 100 people and being the only white person."

**B**lame it on extreme weather. The harrowing experience of being stuck in her car in the middle of a blizzard convinced Denver native Nancy McMahon to attend UH Mānoa. After graduation, she commuted between O'ahu and Kaua'i for work until getting "stuck" on the Garden Isle after Hurricane Iniki and deciding to make it home. An archaeologist for the Department of Land and Natural Resources' State Historic Preservation Division, McMahon works to preserve historic sites. The position involves a lot of paperwork but also has its perks. "I get to see parts of this island that many people have never seen and will never get to see." By foot, kayak and helicopter she ventures into remote areas to survey burial sites, heiau, terraces and other archaeological finds.

McMahon also conducts Hummer Tours of Kaua'i, archaeological tours of Kaua'i's south shore. Five years ago she "started hanging around the rodeos here because I wanted to learn to ride more." She now presides over the Kaua'i All Girls Rodeo Association, as well as running barrels, roping and tying up goats. —by Kristen Bonilla

## UHAA Activities

More at [www.UHalumni.hawaii.edu](http://www.UHalumni.hawaii.edu).

**May 12** UHAA Army ROTC Reunion at Hickam Air Force Base. Contact Ed Gayagas, 808 486-2153.

**May 18** UHAA Distinguished Alumni Awards Dinner, Sheraton Waikiki Ballroom. Contact brandi.yasuoka@uhf.hawaii.edu.

**May 19** School of Architecture Alumni Association's Endowed Scholarship Golf Tournament, Hickam Golf Course—Māmala Bay. Contact hennigergoo1@hawaii.rr.com.

**May 24** Leeward CC Great Museums of Europe Study Abroad Tour departs. Contact bsg@hawaii.edu.

**June 4** College of Business Alumni and Friends brunch at Saddle Peak Lodge in Malibu Hills, Calif.; \$20. RSVP by May 31 by email, cbaalum@hawaii.edu.

**June 24** School of Architecture Alumni Association General Membership Meeting and Distinguished Alumni Dinner. Contact whitingingerlei@aol.com.

**July 15–16** UHAA Los Angeles/Orange County chapter hosts a booth at the 28th Annual Ho'olaulea. Contact jrowe@ocregister.com.

**Aug** UHAA Los Angeles/Orange County chapter Fifth Annual Summer Send Off and Picnic. Contact jrowe@ocregister.com.

**Sept 9** UHAA National Capitol Region Chapter alumni reception at Wolf Trap Center's Faces of America Hawai'i concert in Vienna, Va. Contact Kevin.takamori@uhf.hawaii.edu.

**Sept 11–22** UHAA Travel Study Program Art, Wine and Cuisine in Dordogne and Provence. Contact Kevin.takamori@uhf.hawaii.edu.

**Oct 13** UHAA Golf Tournament at Kapolei. Contact Kevin.takamori@uhf.hawaii.edu.

**Dec 9** UH International Alumni Reception in Hanoi, Vietnam. Contact Kevin.takamori@uhf.hawaii.edu.

Department. He was previously the assistant fire chief and has been responsible for the HFD's budget and labor and union issues since 1998.

**Anna Viggiano** (MA '76, PD '94, MED '03 Mānoa) is the standards resource development specialist at Hawai'i's DOE. She is hosting a series on standards-based education. She has a daughter at University of Notre Dame and a son at Punahou School.

**Ellen (Boggs) Wilhite** (BA '79 Mānoa) put her degree in theatre and dance to use—most recently in a production of *Steel Magnolias*.

### 1980's

**Kimberly Bevers** (BA '86 Mānoa) has been working as an actress in the United Kingdom for the past 17 years. She attended Webber Douglas Academy of Dramatic Arts in London.

**Melissa (Celebrado) Bojorquez** (BSW '87 Mānoa) has been a case management supervisor at HMSA for 14 years, with a special interest in geriatrics. She is president of the Case Management Society of America, Hawai'i chapter.

**Valarie (Jeong) Cesar** (ATT '85 Leeward; BBA '88 Mānoa) is the owner/consultant of eSearch Hawai'i, an executive recruiting company.

**Vincent Chan** (BS '84 Mānoa) accepted a position at Belt Collins Hawai'i as project manager and civil engineer. He was previously employed at The Keith Companies as senior project engineer.



**Allen Cole** (BA '80, MFA '89, PD '91 Mānoa) played the part of Mr. Robinson in the Mānoa Valley Theatre production of *The Graduate*. He works at the Advanced Technology Research Branch of the Hawai'i Department of Education as part of e-school, an online course offered by the State of Hawai'i.

**Paul Cravath** (PhD '85 Mānoa), professor of drama at Leeward Community College, has contemporized a classic by directing *The Duchess*, based on the John Webster original but set in the year 2025.

**Beadie Kanahele Dawson** (JD '81 Mānoa) was honored with the Sally Rodgers Award for Lifelong Achievement by Whitman College. She is recognized as a prominent attorney, business executive, community leader, Hawaiian activist and devoted family woman.

**Tammy Duckworth** (BA '89 Mānoa), an Iraq war veteran, formally announced her candidacy to run for the Illinois congressional seat of retiring Republican Henry Hyde. She will run as a Democrat.

**Paul H. Higo** (BBA '82, MAcc '83, MBA '90 Mānoa) returned home to the islands as the Hawai'i managing partner for Deloitte

& Touche after 10 years of working for the company's New York, Silicon Valley and Hong Kong offices.

**Nolan Kawano** (BBA '84 Mānoa) was promoted to senior vice president and chief financial officer at Island Insurance Companies. He

was previously vice president and CFO at Island and, before that, vice president and treasurer of First Insurance Company.

**Lisa Matsumoto** (BA '87, MFA '92 Mānoa) was in the musical *The Adventures of Gary and Harry* at the Hawai'i Theatre. The play is based on the book she co-authored.

**Jeffrey H. Sakamoto** (BBA '85) has been named chief financial officer at Deep Sea Water International in Kailua-Kona on the Big Island of Hawai'i. He was previously chief financial officer at Cyanotech Corp. in Kailua-Kona.

**Lisa (Kunimune) Sakamoto** (BBA '81 Mānoa) is vice president of finance at Catholic Charities Hawai'i. She previously worked for Young Brothers.

**Scot Shimamura** (BA '85 Mānoa) is a principal of William Scott Kitchen Design, a residential kitchen design company and importer of Canadian built cabinetry.



**Kenneth Silva** (BA '89 West O'ahu; MPA '01 Mānoa) is the Honolulu Fire Department's new chief, the department's 33rd. He joined HFD in 1981 as a firefighter and was promoted to captain, battalion chief and, in 2002, assistant chief. In 2001, he was named the department's Manager of the Year.

**Lance Wilhelm** (BA '87 Mānoa) has been appointed senior vice president for national general contractor, Kiewit Building Group. He is responsible for all of Kiewit's building construction operations in Hawai'i.

### 1990's

**Elizabeth Burdick** (MFA '98 Mānoa) recently directed *The Graduate* at Mānoa Valley Theatre and acted in David Mamet's *Boston Marriage* at the Actors Group.

**Kyle Chock** (BED '95, MPA '99 Mānoa) is executive director of The Pacific Resource Partnership, a nonprofit, labor-management program of the 6,000-member Hawai'i Carpenters Union, Local 745, and its 220 contractors across the state.



**Kyung-Soo "Steven" Choi** (BBA '93 Mānoa) recently accepted a position at Dong Sung Co. as vice president. He was employed at W Seoul as manager market-ing communications. Steven will be responsible for company day-to-day operations.



**Larenda Duley** (BA '90 West O'ahu; MSW '94 Mānoa) is a doctorate candidate at Barry University in marriage and family counseling. She holds an LCSW in Hawai'i and Florida.

**Lucille (Endo) Dwight** (BS '95 Mānoa) joined the Organ Donor Center of Hawai'i as public education coordinator. She was employed as a marketing assistant at Oceanit, a local engineering/tech company. At the donor center, she will building relationships with community, educational, religious, civic and social organizations to increase awareness on the need for organ, tissue and eye donation.



**Jodi Endicott** (MFA '96 Mānoa) has a show, *Beasts to Birds* scheduled at the Maui Arts and Cultural Center May 19–June 17. Building paintings as if they were sculptures, the O'ahu artist uses animals as metaphors for statements about society. Her public installations can be seen near Honolulu Hale, at Makalapa Elementary, in Kailua and online at [www.jodi-endicott.com](http://www.jodi-endicott.com).

**Chad Funasaki** (BBA '95 Mānoa) was promoted to senior audit manager at Nishihama & Kishida, CPAs, Hawai'i's largest accounting and business consulting firm.



**Blake Isobe** (BBA '98 Mānoa) was promoted to senior audit manager in the 50-member Honolulu firm at Nishihama & Kishida, CPAs.



**Bryan S. K. Kim** (BED '92, MEd '95 Mānoa) is an associate professor in the Department of Counseling, Clinical and School Psychology at University of California, Santa Barbara. He received the 2006 Fritz and Linn Kuder Early Career Scientist/Practitioner Award from the Society of Counseling Psychology of the American Psychological Association.

**Mona Kidd** (AAT '93 Windward; BSW '02, MSW '03 Mānoa) is a therapist for Hawai'i family

service agency Parents and Children Together on the island of Kaua'i.

**Mellinda Lloyd** (BSW '92, MSW '95 Mānoa) is a social worker for the Queen Liliuokalani Children's Center and a family therapist for Homeless Solutions.

**Celine Roberts** (AA '95 Leeward; BA '99 West O'ahu; MSW '04 Mānoa) is with Child and Family Service's Comprehensive Counseling and Support Services.

**Noelani Schilling** (BBA '91 Mānoa) is the senior director of sales and marketing at the O'ahu Visitors Bureau.

**Lee Stein** (MSW '99 Mānoa) was among 100 Maui County Centennial Honorees. An instructor in human services at Maui CC, she was selected for volunteering with Women Helping Women, representing Hawai'i on the National Coalition Against Domestic Violence and founding Alternatives to Violence.

**Lacene Terri** (BA '94 Mānoa) accepted a position at PBS Hawai'i as the new director of community relations. She will be responsible for maximizing the public TV station's exposure in the community and the media. Lacene was previously Republican caucus director at the state Capitol and worked at the Pacific Basin Economic Council.

**Dorothea Tsipopoulos** (MSW '97 Mānoa) was the keynote speaker at an Annual Candlelight Vigil in Hawai'i during Domestic Violence Awareness month.

## 2000s

**Della Au Belatti** (JD '03 Mānoa) started a new position as research attorney at the Senate Majority Research Office, working with **Krislen Chun** (JD '03 Mānoa) and **Paul Schwind** (AS '96 Kapi'olani; JD '01 Mānoa).

**Jennifer Benck** (MEd '02, JD '05 Mānoa) joined the Carlsmith Ball law firm, working in real property, land use, hospitality and project financing.

**Rhea Burtress** (MSW '04 Mānoa) is a social worker with Child and Family Service's adoptions program in Hawai'i.

**Anni Candland** (JD '05 Mānoa) does public law at a one of New Zealand's "Big 6" law firms.

**Kim David Chanbonpin** (JD '03 Mānoa) will do a semester-long internship with the World Bank's Department of Institutional Integrity.

**Calvert Chipchase** (JD '02 Mānoa) and **Laura Chipchase** (BA '99, JD '02 Mānoa) welcomed second daughter Gianna Marie on Dec. 28, 2005.

**Ellen Eichberg** (JD '04 Mānoa) and husband Eric announce the birth of a baby boy, Felix Frederick, on Sept. 24, 2005, in Cologne, Germany.

**Brooke Evans** (MSW '05 Mānoa) is a crisis counselor at the Sex Abuse Treatment Center at Kapi'olani Health Center in Honolulu.



## Martin Martens

The hula of business

**UH Degree:** MBA '93 Mānoa

**Career:** Assistant professor, Concordia University's John Molson School of Business

**Roots:** Western Nebraska

**Adventures:** Spent a month inside a Russian volcano and watched solar eclipses from various locations

**UH impact:** Entered a PhD program and pursued an academic career at the urging of then Professor David McClain and other Mānoa faculty

Cornhusker Martin Martens became a hula dancer after moving to the islands to work for The Hawai'i Newspaper Agency in 1988. Informal lunch-time hula lessons with a few co-workers evolved into a full hālau. "I learned a lot about the meaning of aloha by being part of this group," he says.

Martens earned a PhD at the University of British Columbia in 2002 and settled in Montreal, where he studies corporate governance, sustainable development and antidotes to toxic organizations.

Last summer, he returned to Hawai'i for the international Academy of Management conference. Joined by Mānoa graduate student Aaron J. K. Sala and Kamehameha Schools' Kaleo Trinidad, he presented 'A'ohe Pau ka 'Ike i Kau Hālau, a serious look at what can be learned from Hawaiian dance. A panel discussed how layers of literal and symbolic meanings in hula and chant communicate history, religion and a sense of community bonds. The symposium was a revelation to those unfamiliar with hula, and quite emotional for some. One participant explained how her involvement helped her understand her own Cherokee heritage. Martens and Sala plan follow up articles. —Heidi Sakuma



## Faye Kurren

Business leader

**UH Degree:** JD '79 Mānoa

**Current position:** President, Hawai'i Dental Service; Chair, UH Foundation Board of Trustees

**Roots:** 'Aiea, Hawai'i

**Family:** Husband Barry (BA '73, JD '77 Mānoa); two daughters

**Honors:** 2006 YWCA Exceptional Leader Honoree; 2002 *Pacific Business News* Businesswoman of the Year

**Key to success:** "We're all on different paths, but we should support each other along the way and not be afraid to change our routes, if necessary. And we should take the high road, so that when we succeed, others will feel proud to have invested in us."

**Hobbies:** Reading

Fear of failure may have caused her some youthful timidity, but Faye Kurren savors challenges now. Trained in sociology and law, she was working as an attorney at Pacific Resources, Inc., when she was urged to head the petroleum company's international marketing and supply efforts. Her team sourced crude oil from throughout the world. "It's the best thing I ever did. I learned to have confidence in myself," she says. "Your greatest growth comes when you're in a place in which you're not comfortable." She grew into the company's top job. As president and CEO of HDS, the unpretentious leader encourages employees to move beyond their own comfort zones. Kurren also knows the value of a UH education. Sister Carol Kitaoka earned a UH law degree. Their parents, retired educators, are alumni. Husband Barry, a federal magistrate, has served as an adjunct law professor, and her late father-in-law, Oscar Kurren, was a longtime Mānoa faculty member.

**Jennifer Goodlander** (MFA '04 Mānoa) was selected to participate in the Lincoln Center Director's Lab, where she directed the reading of the play *Fireflies* by Japanese playwright Suzue Toshio. Goodlander is a teacher at Cornerstone University.

**Crystalyn Hottenstein** (BA '00, MSW '04 Mānoa) is a project coordinator for the Fun 5 Program in the public health sciences department at the UH Mānoa School of Medicine.

**Beverly Javier** (BSW '03, MSW '04 Mānoa) is a behavioral specialist at 'Aikahi Elementary School and teaches hula and jazz dance at Hawai'i Starshine Dance and Music Academy.

**Kristine "Kris" Jenkins** (MSW '03 Mānoa) is a program monitor for the Child and Adolescent Mental Health Division, Hawai'i Department of Health.

**Lara Lindsey Kasperowicz** (JD '05 Mānoa) joined the law firm of Paul Johnson Park & Niles's Honolulu office. She will concentrate on commercial litigation.

**Julie Longworth** (MSW '05 Mānoa) received a Fulbright travel grant to study languages in Asia.

**David Minkoff** (MFA '00 Mānoa) works on the design faculty at the Ernestine M. Raclin School of the Arts at the University of Indiana, South Bend.

**David Y. Nakashima** (BA '01, JD '05 Mānoa) has joined the law firm of Watanabe Ing & Komeiji, practicing government regulation and public contracts and procurement.

**Donna Asako Oshiro** (BS '01, MSW '04 Mānoa) is a case manager with Hale Na'au Pono.

**Rebecca "Becky" Phillips** (MSW '03 Mānoa) is a social services supervisor for the Hi-Desert Medical Center in Joshua Tree, Calif.

**Avi K. Poai** (BA '00, JD '04 Mānoa) joined Carlsmith Ball, specializing in labor employment law.

**Trity Pourbahrami** (MSW '04 Mānoa) is a project coordinator at the Western Justice Center Foundation in Pasadena, Calif.

**Alissa Rogers** (MSW '04 Mānoa) is the director of social services at Pōhai Nani Retirement Community.

**Jodi Shaw** (MSW '01 Mānoa) is a case management coordinator for HMSA insurance company.

**Paul Southworth** (MSW '05 Mānoa) is a case manager with Hawai'i's Institute for Human Services.

**Avaiu Sunia** (BA '97, MSW '03 Mānoa) returned to American Samoa and is developing children's mental health services there.

**Megan Tanabe** (MSW '04 Mānoa) is with the Hawai'i Department of Health's early intervention section.

**Theresa Tevaga** (MSW '03 Mānoa) is program director of a therapeutic recreation program with Hawai'i Child and Family Service.

**Delia Parker-Ulima** (JD '00 Mānoa) and high school friend Bella Finau-Faumuina opened a scrap booking business called Creative Native Crafts in Kāne'ohe on O'ahu.

**Staci M. Uwaine** (BA '02, JD '05 Mānoa) has also joined the law firm Watanabe Ing & Komeiji specializing in labor and employment.

**Michelle Webb** (MSW '04 Mānoa) is with the Hawai'i Department of Health's early intervention section.

**Barbara Uphouse Wong** (JD '03 Mānoa) is executive director of Hawai'i's State Campaign Spending Commission.

## In Memory

**C. O. "Andy" Anderson** (AAT '78 Leeward; BA '82 West O'ahu), 84, died on Jan. 1, 2006, at Tripler Army Medical Center. Anderson was a Marine for 34 years before dedicating the last 30 years of his life to community service in Waipahu, Hawai'i. Originally from Floyd, Iowa, Anderson moved to Hawai'i in 1975.

**Daniel Joseph Johnson** (PhD '89 Mānoa), 46, died on Oct. 4, 2005. Johnson worked at Central Washington University in the Geodesy Laboratory in Geological Sciences for six and a half years. He investigated magma storage at Kīlauea Volcano while studying geology and geophysics at Mānoa. He is survived by his wife Eileen Llona.

**Eddie Tijen Wan Liekwie** (BBA '71), 58, of Mililani, died on Oct. 12, 2005. Born in Suriname, he was a sales representative for All Pool and Spa.

**Harvey Moeai** (MSW '80 Mānoa), 51, of La'ie, died Aug. 24, 2005. He was a psychiatric social worker for Hawai'i and an accomplished musician.

**Patsy Sumie Saiki** (BEd '54, PD '55, MEd '59 Mānoa), 90, died on Dec. 2, 2005. Saiki was an educator, award-winning author and philanthropist who taught journalism and English at Hawai'i's public schools before becoming a Department of Education program specialist.

**Ritva Sinikka Hayasaka Strand** (MA '66 Mānoa), 65, a retired linguistics professor and president emeritus of the UH Professional Assembly, died in Florida on Dec. 20, 2005. Her 39-year UH career included serving as acting provost, acting dean and chair of the language arts division at Leeward Community College.

**Tatsuye "Barbara" Yoshizumi** (AAT '78 Windward; BSW '81 Mānoa), 77, of Kapolei, died on Aug. 25, 2005. She was a retired state social worker.

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



# Sports camps produce revenue and fun

by Brendan Sagara

**A**t the University of Hawai'i, sports camps are serious business. Fees range from \$100 to \$515 for the three- to six-day youth camps, and some draw well over 100 participants per session, generating funds for Warrior, Rainbow Wahine and Vulcan programs.

Wahine Soccer holds winter, summer and goalkeepers camps. "We average about 100 kids, and we think that everyone has a good time all around," says Assistant Coach Derick Kato. On a typical day, campers work on four topics and play a mini-scrimmage. Camp usually concludes with a World Cup, with campers allowed to pick their country's team name. "The kids have so much fun with it. They really get into it and get excited. Sometimes they even start their own chants. We really enjoy it too," Kato says. The program also runs a free spring camp in conjunction with HMSA for youth of Hālawā Housing and Kuhio Park Terrace.

"We have an obligation to the community. We represent the highest level of sport in the state without the presence of any professional teams," Kato adds. "The camps give kids a chance to meet the Wahine and form relationships with our players. It helps them realize that someday they could be playing college soccer as well." Former Wahine campers Duke goalkeeper Allison Lipsher, Gonzaga freshman Dayna Omiya and Hawai'i striker Tobi Kanehira have joined the instructors' sorority.



UH Mānoa Sports Media Relations photo

**Fresh from earning 2005 WAC Freshman of the Year in softball, Wahine Kaulana Gould helps a young softball player with batting tips**

Joey Estrella entered his 30th season as Vulcan head baseball coach in February and, just as significantly to him, his third decade of providing camps for Big Island youth. "Part of my responsibility as a college coach is to repay the community that helped give me the opportunities I've had," the former Rainbow shortstop says. In addition to an annual summer camp, his program offers free clinics throughout the year in conjunction with county parks programs at locations such as Ka'ū, Pāhoa, Honoka'a, Waiākea Uka and Keaukaha.

"The free camps offer us an opportunity to go to places where kids would not otherwise have a chance to learn about baseball," Estrella says. "Sometimes there are kids without any baseball gear, no gloves, but they all have a great time." The Vulcans also host the annual Kalae Iki Clinic in Kailua-Kona, with free instruction by current and former college coaches from across the country.

Riley Wallace's Rainbow Basketball Camps are always popular.

Hundreds of young hoopsters are coached by Rainbow staff and other distinguished clinicians in two summer sessions. "We really appreciate the camp," says parent and former Chaminade basketball player Mike Robertson. "Our daughter attends every year, and they've really taught her a lot, not only about technique and drills, but also the philosophy of the game."

The biggest perk is a lot simpler to the campers. "They teach us a lot of stuff, like dribbling and shooting and playing defense," says 10-year-old camp veteran Kiki Robertson. "But my favorite part is shooting around with the Rainbow players. My favorite is Julian (Sensley). They're always real nice, they always talk to us and ask us how we're doing and stuff and it's always fun." 📧

Brendan Sagara (BBA '97, Hilo) is a Honolulu free-lance writer

## Tentative Camp Schedule (dates and fees subject to change)

### Rainbow Basketball

June 9–11 or June 12–14, 9 a.m.–4 p.m., ages 5–17  
\$150, includes basketball and camp t-shirt, 808 956-6501

### Warrior Volleyball Camps

July 24–28, 1:30–4:30 p.m., youths  
July 24–28, 6–9 p.m., ages 18 and over  
cost TBD, 808 956-4623

### Mānoa Men's Tennis

June 18–23 or June 25–30  
\$415 day camp, \$515 extended day camp, \$715 resident camp, 808 956-3655

### Rainbow Wahine Soccer

Early and late summer, 9 a.m.–4 p.m., ages 5–13  
\$150 includes soccer ball and camp t-shirt, 808 956-6330

### Wahine Basketball

Mid June skill camp, ages 5–12  
Late June elite camp, girls age 13–18  
\$135, 808 956-6518

### Wahine Volleyball

June 19–22, two sessions TBA in July, grades 4–12, \$150, 808 956-2496  
Aug. 1–4, residency camp, grades 8–12 \$400, 808 956-2496

### Wahine Softball Camps

Late June, 3-day beginners/instructional camp and 2-hour skills camps in fielding, hitting and pitching, ages 8–12  
cost TBD, 808 956-9227

### Vulcan Basketball

June 21–24, boys and girls  
\$110, 808 933-0576

### Vulcan Baseball

June camp, 3 hours per day, ages 5–12  
\$100 includes camp hat, t-shirt and evaluation, 808 974-7700  
July Kalae Iki Clinic in Kailua-Kona, ages 7–17, free, 808 974-7700



**Archive, a painting about watching water**

acrylic on canvas by Mary Mitsuda (BFA '76 Mānoa)

72" x 48"; from the collection of Ron and Sanne Higgins; photo by Brad Goda

"Growing up and living in Hawai'i surrounded by nature and, especially, surrounded by water, continues to be the central theme of my work," writes Mitsuda. "We are aquifers, rain, ocean, streams, waterfalls, puddles and, of course, we are plants also."

Mitsuda's work has been exhibited in museums from Seattle to Japan and included in the Hawai'i State Foundation on Culture and the Arts, The Contemporary Museum and corporate and private collections.



# Local business leader Charles R. Hemenway died in Hawai'i in 1947.



## This year, he'll help 367 students get a college education.

**C**harles Hemenway achieved much during his lifetime. However, his passing didn't put an end to his good works. At last count, Mr. Hemenway's bequest has provided over 5,000 scholarships to deserving students at the University of Hawai'i. Through proper planning and a generous heart, Mr. Hemenway continues to transform the lives of hundreds of students, and positively impact the people and economy of Hawai'i.

As we approach the Centennial of the University of Hawai'i, we salute Charles Hemenway for his foresight and generosity.

For information on leaving a bequest to the University of Hawai'i through your will or trust, please contact us in confidence at 808-956-8034 or at [giftplanning@uhf.hawaii.edu](mailto:giftplanning@uhf.hawaii.edu).



Please visit us at [UHFLegacyGift.org](http://UHFLegacyGift.org)

# arts etc.



## LECTURES

**May 17**

Moving from Exclusion to Inclusion in Faith, how traditional sacred texts can be interpreted differently to respond to contemporary global issues; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**May 24**

Moving Toward Interfaith Harmony: Next Steps; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**May 31**

Through Our Eyes: A Photographic View of Hong Kong by its Youth; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246



**June 14**

Trials and Tribulations: Sapphire Nakanishi, AKA Judge Marie Milks; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**June 20**

Improving Literacy Achievement: Lessons from Successful Schools in Hawai'i and Chicago, by Kathryn H. Au; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246



**June 21**

On the Road to Energy Self-Sufficiency: A Vision to Make Hawai'i More Sustainable, with Bob and Kelly King; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**June 29**

Lola's House: Women Living with War, M. Evelina Galang discusses and reads from her recent works, *Lola's House* and *One Tribe*; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246



**July 12**

A Photojournalist's Vision, by veteran Frederic Larson; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246



## SEMINARS/CONFERENCES

**May 31**

Kupuna Care, community resources available to seniors or those caring for seniors; Windward, 808 235-7363

**May 31–June 1**

Managing Project Teams; Mānoa's Krauss Hall, [www.outreach.hawaii.edu/ibpd](http://www.outreach.hawaii.edu/ibpd), 808 956-8400

**June 15-17**

Imagining Other Lives, Other Times, Other Places, 13th Biennial Conference on Literature and Hawai'i's Children; Manoa, <http://maven.english.hawaii.edu/childrenslit>, 808 956-7559

**July 28–Aug 4**

Islands of the World IX: Sustainable Islands—Sustainable Strategies; Maui, [www.maui.hawaii.edu/isisa2006](http://www.maui.hawaii.edu/isisa2006), 808 984-3670

## ETC

**May 23–June 20**

Intermediate Slack Key Guitar class, learn music theory, two tunings, chords, solos, vamps and riffs, cultural and linguistic insights into slack key music; Windward CC, 808 235-7433

**June 9**

Canon Open House, digital in-jet printing demonstration; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**June 14**

Epson Digital Printing Open House, digital workflow demonstration from image capture to printing; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**June 15**

Podcasting Update; Mānoa, [www.outreach.hawaii.edu](http://www.outreach.hawaii.edu), 808 956-8246

**Aug 13**

Mānoa Commencement; [www.uhm.hawaii.edu](http://www.uhm.hawaii.edu), 808 956-8447



**Sept 16**

Ho'olaulea with music, food and crafts 9 a.m.-9 p.m.; Windward CC, [libby@hawaii.edu](mailto:libby@hawaii.edu) or 808 235-7396

**Oct**

Mealani Taste of the Hawaiian Range food and agriculture festival; Big Island, College of Tropical Agriculture and Human Resources, 808 322-4892



## MAINLAND

**Sept 2**

Mānoa's Warrior Football team opens the 2006 season against the University Alabama at Tuscaloosa; <http://uhathletics.hawaii.edu>



**Sept 20**

Mānoa's Annual Athletic Golf Tournament Royal Vista Golf Club; Walnut, Calif., [events@uhf.hawaii.edu](mailto:events@uhf.hawaii.edu)

**Oct 3–31**

Ninth International Shoebox Sculpture Exhibition, California State University, Dominguez Hills; University of Hawai'i Art Gallery, 808 956-6888. The exhibition moves to Columbus Museum of Art in Indiana Nov 25

