Supporting the faculty vision

When he joined the faculty at UH’s Windward campus in 1987, Joe Ciotti was asked what facility he’d like to help plan. He answered without hesitation—a planetarium has been his dream since he first visited New York’s Hayden Planetarium at age 16. It is a vision he nurtured through UH graduate school, NASA training as a Teacher in Space classmate of Christa McAuliffe and selection as Hawai‘i’s Carnegie Professor of the Year. In October, his dream came true with the opening of Hōkūlani Imaginarium, a remarkable theater that will take students of all ages and visiting community members on explorations out to the stars and into human cells.

This is what I mean when I say that I have never been failed by a faculty that has been validated and empowered. Inspiration and perseverance like Joe’s is what will make this system great. It is what makes our university campuses a resource for the communities in which we live. It is why, when the state needed a short-term economic infusion, lawmakers recognized the long-term benefit of investing in UH. The projects they funded—establishment of a new medical school and biomedical research complex in Kaka‘ako, planning for the UH West O’ahu campus in downtown Kapolei and improvements to campuses on every island—all are part of UH’s long-standing master plan and fulfillment of our faculty’s vision.

These projects do not depend on state taxpayers alone. For the medical school, our use of $150 million from the state’s $1.2 billion tobacco fund is contingent on raising a matching sum from private sources. We will secure private support for other UH initiatives as well. Governor, legislators, regents, administrators, unions, alumni, citizens—we are all responsible for this university and what it should and will be. Together, we will empower remarkable UH faculty members like Joe Ciotti and share not just in their dreams, but also in making them come true.

With warm aloha,
Pests are in hot water with scientists

A UH-developed hot water treatment designed to disinfect plants for export may also help control the spread of Caribbean tree frogs on the Big Island. Agriculture researchers Arnold Hara, from UH Mānoa, and Marcel Tsang, UH Hilo, have demonstrated that cut flowers, foliage and even whole potted plants can be soaked in hot, then cooler water for specified times without sustaining damage. The technique kills scales, nematodes and other insect pests that would prevent sales in off-island markets. Working with state forestry and wildlife officials, they have demonstrated that the process also rids potted plants of the frogs. That allows reforestation efforts to proceed without risk of spreading the non-native frogs, which annoy human residents with noisy chirping and could pose a threat to native species.

Road Remedies (cover) .................13

Engineers use technology to tweak traffic flow

Mushroom Man ...............................17

A professor’s passion for fungi could plant the seeds for a new island industry

Cross golf with lawn bowling...

To develop a Hawaiian take on a traditional game, five UH staffers thought outside the box, literally. Bocce ball is played on a rectangular packed clay court with raised edges. The patent-pending Hawaiian Rules version (H.R. Bocce) allows play on any size or shape lawn or even miniature fairways complete with sand traps and water features. Developers from the College of Tropical Agriculture and Human Resources (CTAHR) conceived the game as a secondary use of the rolling patch of grass used for UH turf management classes.

“ar idea was to incorporate golf elements in an activity that could be played near resort concessions or around clubhouses,” says Joe DeFrank.

“There’s a lot of turf grass in Hawaiian landscapes with nothing happening on it. With H.R. Bocce, a relatively small area can provide a great deal of fun.” Players roll or toss softball-sized two-pound balls toward a target ball, gaining points by getting the closest. Landscaping—slopes, ornamental plants, even trees—add to the challenge. The developers envision licensed courts used for team building exercises, keiki activities and charitable events. “We call it our field of dreams,” says DeFrank, who grew up playing bocce ball with his father in New Jersey. It’s fulfilled one of his dreams. With the home-turf advantage, he finally beat his dad at the game. For more information, call 808-956-5698 or e-mail defrank@hawaii.edu.

Who will be an entrepreneur?

Chance and opportunity may be more important than personality or drive in predicting who will become an entrepreneur. Five years after UH Hilo Professor of Management Emmeline de Pillis surveyed individuals to find out how likely they were to start a business, student Audrey Idomoto revisited the participants. Those who had started businesses had originally rated themselves as very unlikely to do so. Further, she found no significant personality differences between them and the non-entrepreneurs.

The master mime speaks at UH

UH awarded French mime Marcel Marceau the Doctor of Human Letters in November for his lifetime of work in the arts. Regent and Honorary Consul to France Patricia Lee, right, assisted in the hooding ceremony. Observing that “art can be explained only when you see it,” the still agile Marceau demonstrated some of the 42 positions for the “conventions of character” that comprise the alphabet of the ancient art form he revived.

Cholesterol less of a worry for elderly

Very low cholesterol may not be such a good thing for people over age 70. In a study of 3,500 Japanese-American men age 71–93, UH researchers found that the men with the lowest cholesterol had the highest mortality rates. High blood cholesterol remains a health risk for people under 65 years of age, however, stresses Professor of Medicine Irwin Schatz, who conducted the study with colleagues at the Honolulu Heart Program, a long-term project funded by the National Institutes of Health at the Kuakini Medical Center.
UH tackles disaster management

Even before the Sept. 11 terrorist attack focused attention on rescue and recovery, UH programs and professors were addressing disaster management.

- A new, graduate certificate program offered by the Mānoa College of Social Sciences takes a multi-disciplinary approach. Faculty from UH and other agencies train students to play a professional role in disaster management, humanitarian assistance and international peacekeeping. Topics include contextual issues as well as psycho-social responses and logistics. Call Anthony Manrella, 808-956-6701 or Ann Sakaguchi, 808-956-3265 or e-mail dmha@hawaii.edu.

- Maui CC will provide disaster management training opportunities in cooperation with the Maui High Performance Computing Center, Pacific Disaster Center and other institutions. Internet courses will lead to an associate degree. Contact Robert Converse at 808-984-3447 or bob.converse@mauicc.hawaii.edu.

- Gary Heftand and Ross Prizzia, of the UH West O‘ahu public administration faculty, discuss emergency preparedness and disaster management in Hawai‘i in the summer 2001 issue of Disaster Preparedness and Management: An International Journal. Their article describes interagency coordination at the federal, state, county and community level to improve disaster and emergency response capability.

This canoe makes the mold

Marine Education and Training Center students at Honolulu CC have created a 52-foot mold for making double-hulled Hawaiian voyaging canoes. UH Hilo’s Hawaiian Language College commissioned the mold to build Hikiūkalakā‘i, a voyaging canoe. The Polynesian Voyaging Society and Friends of the Hōkūle‘a and Hawai‘i 808 assisted with design and resources. The mold—the first for a canoe this size—will be available to other educational, cultural and community groups. While the construction technique isn’t traditional, UH’s Chad Baybayan says use of a resin/fiberglass skin over a foam core preserves the native forest while providing a canoe that is more durable, less expensive and easier to maintain.

Honolulu CC Instructor Robert Perkins with mold for canoe hull

Rewriting the water rules

The U.S. Environmental Protection Agency (EPA) has reconsidered tropical water quality standards. Researchers predict open-ocean mariculture could become a $100-million-a-year industry.

Study disputes link between TV watching and violent behavior

Television violence had little connection with aggressive behavior in a study conducted by UH Hilo Assistant Professor of Sociology Thom Curtis. Using the 1976 National Survey of Children and two follow-up surveys, Curtis analyzed the quantity and content of TV watching by 1,126 children at ages 6-11 and their behavior as teens and adults. There was little or no relationship between TV viewing and later violence toward people or property. However, there was a strong relationship between witnessing or being the victim of family violence as a child and acting violently as a teen or adult. For more information, see Curtis’s article, beginning on page 9 of the National Council on Family Relations’ Information, see Curtis’s article, beginning on page 9 of

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REPORTS

RANKED UH as 15th in the world on an Education Guardian list of 41 top physical science research institutions, just behind Yale and ahead of Stanford; UH as having the best Indian philosophy program and the third-best Chinese philosophy program in the English-speaking world by Blackwell Publishers.

RECEIVED Renewal of the Native Hawaiian Leadership Project scholarship program with $4.4 million in funding from the U.S. Department of Education; A $675,000 NASA grant to develop educational opportunities in astronomy in kindergarten through college.

HOSTED Japan’s Prince Takamado and Princess Hisako for the 50th anniversary in Hawaii of the Urasenke school of tea ceremony, marked by a $1 million gift from Grand Tea Master Sen Sohitsu XV, An international conservation biology symposium at UH Hilo attended by 1,200 scientists from 40 countries; The first Trans-Pacific Conference on Business and Economics involving UH Hilo and a consortium of Taiwana universities.

PUBLISHED A special issue of Asian Perspectives on archaeology in Burma, co-edited by UH Maui College faculty members Miriam Stark and Michael Aung-Thwin; Hawai’i’s Russian Adventure: New Look at Old History, by UH Hilo Professor Peter Richard Mills; The Philippines: Story of a Nation, a high school and college workbook, by Mānoa alum Grace Mateo and the Center for Southeast Asian Studies; Public Administration: Cases in Managerial Role-Playing, a textbook by UH Maui College faculty members Mānoa alum Roger Ames in memory of a colleague.

DONATED $1 million from Walter and Diane Dods to fund scholarships with preference for children of immigrants; A $2 million grant from the Donald W. Reynolds Foundation to develop a curriculum in geriatrics for all medical students and residents.

OPENED The Imaginarium multi-media facility at Windward CC; Grades K-6 at Nāwahīokalani‘ōpū‘u School, a component of the UH Hilo Ka Haka ʻUlula O Keʻelikolani College of Hawaiian Language.

HONORED Mānoa Professor of English Mary-Elizabeth Tobin’s 1999 book Picturing Imperial Power with a Historians of British Art best book award; The television documentary The Japanese American Saga, co-produced by the Smithsonian Institution in association with UH West O’ahu’s Center for Labor Education and Research, with the United States-Japan Foundation Cornerstone Prize.

ACCREDITED Mānoa’s bachelor’s and master’s degree nursing programs by the Commission on Collegiate Nursing Education and National League of Nursing Accrediting Commission; The College of Tropical Agriculture and Human Resources’ undergraduate Didactic Program in Dietetics, cited as one of the best in the nation, by the American Dietetic Association; The School of Architecture by the National Architectural Accrediting Board; The College of Education by the National Council for the Accreditation of Teacher Education.

BOOSTED UH Mānoa student-run radio station KUH’s signal with a new 3,000-watt radio tower.

SCHEDULED An International Think Tank on sustainable tourism to be hosted by the School of Travel Industry Management in spring 2002.

WON The Intercolligate Sailing Association North American Women’s National Championship by the UH Wahine sailing team.

SIGNED A contract worth up to $183 million over 10 years to manage the Maui Supercomputing Center for the Air Force Research Laboratory; Lease agreements for development of the Faulkes Telescope at the summit of Haleakalā on Maui for education and outreach and with the Hawai’i Health Systems Corporation to operate UH Hilo Hospital complex.

ESTABLISHED A Mānoa PhD in music program approved by the National Association of Schools of Music with emphasis in composition, music education and ethnomusicology; A certificate in healthcare administration offered in conjunction with UH West O’ahu’s bachelor in public administration degree; The Hawai’i Music Institute, offering non-credit courses in various aspects of the music business, at Windward CC; A student travel prize for philosophy undergraduates by UH Maui College faculty member Roger Ames in memory of a colleague.

ONLINE A School of Travel Industry Management distance learning graduate certificate for travel industry managers.

IN RESIDENCE Author Scott C. S. Ilene to consult about writing, with students, faculty and community members at UH Hilo.

RECENT UH DISCOVERIES Cloned mice aren’t perfect copies of the original, with abnormalities that may result from faulty DNA methylation, a non-genetic modification of one of the four building blocks of genetic material, according to researchers led by Professor Ryuzo Yanagimachi. (Genesis, Vol. 30, Issue 2, and Science, July 5, 2001)

Like toothpaste pressed from the tube, some islands form when a dense layer of oceanic crust and mantle slides over a thinner continental layer, forcing the under layer to thin and ooze through cracks in the heavier crust according to a new theory developed by Hawai‘i Institute of Geophysics and Planetology researchers. (Nature, June 21, 2001)

Meteorologist Shang Ping Xie has demonstrated that surface winds react to surface temperature variations as small as a few tenths of a degree, indicating that climate sensitivity is much higher than originally thought. (Science, June 15, 2001)

Hawai‘i’s black coral fishery has been sustainable for the past 40 years, oceanographer Richard Grigg reports, but more stringent regulation may be needed as technological advances increase the potential harvest. (Pacific Science, July 2001)

An international team, including several members of the High Energy Physics Group, observed differences in the behavior of matter and antimatter created in Japan’s KEKB particle accelerator, showing with near certainty that the universe is not symmetric. (Lepton Photo 01 International Physics Conference, July 23, 2001)

Oceanographers found that the deep sea is teeming with organisms that produce natural fertilizers, including a previously unknown group of bacteria that convert atmospheric nitrogen to a form that can be used by other organisms. (Nature, Aug. 9, 2001)

Detailed observation of helium cobwebs between galaxies and stars observed by NASA’s Far Ultraviolet Spectroscopic Explorer satellite bolster theories about the architecture of the early expanding universe according to a team that included Astronomers Antoniette Songalia Cowie and Lennox Cowie. (Science, Aug. 10, 2001)
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v
everywhere David Burney explored in his quest to 
continue the paleontology 
work of Smithsonian scien-
tists on Kaua‘i, the residents told 
him the same thing—he needed to 
talk to Pila. “It was clear I wasn’t 
going to work on this island without 
his OK,” the Fordham University 
professor recalls with a grin.  

The researchers 

hope to recreate 
past landscapes  

Pila is the nickname of Kaua‘i CC Emeritus Professor William Kikuchi, who has done archaeologi-

cal research on the Garden Island since 1958. The two scientists 
formed a warm friendship and pro-
ductive partnership. “We both love 
the field, we love what we do and we 
love playing in the mud,” Kikuchi 
jes. “We don’t do it for the money 
or fame... although a little fame 
would be nice.” Fame of a sort ar-
raived last fall—in a segment on the 
television series on evolution.  

But Burney also considers himself 
a futurist—someone who would 
“like to see society get safely past the 
present.” To that end, his work could 
bolster restoration efforts.  

D demonstrating that species such as 
the Laysan duck and ‘Io, or 
Hawaiian hawk, existed on Kaua‘i 
suggests that reintroduction from the 
Layson Islands and Island of Hawai‘i, 
respectively, might be appropriate.  

De
discivery that the kou tree arrived in 
Hawai‘i even before the Polynesians 
supports it as a viable indigenous
A Kaua‘i Diary

Preserving the past on the island

A brush with prostate cancer last year got William “Pila” Kikuchi thinking about his own mortality and the future of the archaeological data produced by surveys and excavations on Kaua‘i. Both materials and documentation should be preserved for future education and research on the island where they were found or made, Kikuchi concluded. With the support of Kaua‘i CC, Kikuchi proposed raising funds to build an archaeological archival storage center to be available to researchers, integrated into cultural and scientific courses and used for public exhibits. The project advisory board includes paleoecologist David Burney, who is conducting research at 12 Kaua‘i sites; veteran Bishop Museum archaeologist Yoshihiko Snota; Hallett Hammatt and William Folk of Cultural Surveys Hawai‘i; and Martha Yent from the state parks department’s Historical Sites Division. For more information on the project, contact Shirley Tani at 808 245-8377 or shirley@mail.kauaicc.hawaii.edu.

Cheryl Ernst is creative services director and M. Barnsama editor.
US road remedies offer drivers some relief

Tweaking Traffic with Technology

by Neal Iwamoto

In his 21 years as an O‘ahu taxi driver, John Parker has endured his share of traffic jams. Particularly frustrating has been transporting passengers who need to be at the airport 10 minutes ago. But that was before Parker discovered a cooperative government Web site that lets him navigate O‘ahu’s crowded roadways. With a Sony laptop in his 1987 Chevrolet Caprice station wagon, Parker uses wireless internet connection to access a traffic camera site that allows him to view real-time traffic conditions on all of O‘ahu’s major roadways.

“If there is a jam I can see it ahead of time and not blindly go onto the freeway. It was Papacostas who suggested the idea of a cooperative government Web site that lets me access a traffic camera site that allows me to view real-time traffic conditions on all of O‘ahu’s major roadways,” Parker says.

Like spot surgery, small adjustments can give considerable benefit

“Psychologically, people believe that they will be heading into traffic they’ll take it easier than if they were surprised,” says Prevedouros. “The City and County of Honolulu put up cameras six years ago to identify traffic incidents and to monitor signals. It was Papacostas who suggested giving the information directly to the public. He launched the site in 1996, the number of cameras has grown from 8 to nearly 100. The site receives about a quarter million hits per week, although a fair share comes from visitors abroad trying to get a glimpse of the “tropical paradise.” Papacostas has also created a similar site for the H-3 freeway.

The U.S. Postal Service and commercial bus companies have relied on the site to keep things running on schedule. Downtown workers log on to help plan their commute home. Visitors also monitor weather conditions; the site is a handy tool for motorists.

Above: Quiet road warriors in the traffic battle, UH civil engineers Panos Prevedouros, left, and C. S. Papacostas work to keep congestion from getting worse.

Traffic on Hawai‘i’s roadways began a century ago when the first car was brought to the islands by Henry Baldwin in 1889. Fifteen years later, the first comprehensive traffic ordinance was passed by the territorial legislature.
Technological tools merge in the effort to keep traffic flowing.

Prevedouros and his researchers can engineer enters hours of footage from the Department of Transportation (DOT) and the Federal Highway Administration. Such detectors would provide data necessary for both long-term planning and real-time management of roadway traffic. Inexpensive acoustic, infrared, magnetic, radar, ultrasonic and video detectors can be used to automate collection of information, such as 15-minute averages of volume, speed and classification of vehicles. Prevedouros and his team select a handful of devices for field testing out of the more than 100 available. Based on actual performance in Hawai‘i, they’ll identify the most suitable and cost-effective detector devices for different traffic conditions here.

“Ultimately, our effort will help DOT join the progressive group of transportation departments across the country that provide a multitude of traffic data over the Internet,” Prevedouros says. “These data can be accessed by state and county engineers and planners as well as private consultants and the public at large.”

Neal Kamehameha ’BA ’98 M ana works in UH sports media relations.

Avoiding traffic trauma

UH Professor of Psychology Leon James has testified before Congress and provided expert comment in more than 900 national and international media reports on the cultural phenomenon called road rage. He recently co-authored the book Road Rage and Aggressive Driving: Steering Clear of Highway Warfare with UH Associate Professor of Information Science Diane Nahl. In his surveys, close to 90 percent of drivers admit to driving with rage. Aggressive driving habits may be ingrained, but James says attitudes and habits can be altered. Here are his suggestions—

* Leave early. The difference between regular traffic and congested traffic is small—about 20 percent. Leaving 6 minutes earlier could make all the difference in an average 32-minute commute.
* Be a supportive driver. Viewing teamwork instead of a competition makes everyone move faster.
* Create quality driving circles—small, informal citizen groups that meet regularly in congested neighborhoods.
* Change new driver education. As California has, to teach emotional intelligence and how to behave as passengers, deal with hostility and sustain a positive driving philosophy.

Form CARR, Children Against Road Rage. Remind parents that emotional reactions influence children in the back seat. For more information, visit www.aloha.net/~dyct
Learn to fly or maintain planes at Honolulu CC

The popular classes are held at the Leeward campus, heating and air conditioning and brakes. The campus also offers diesel mechanics. Want to learn how to fly? Honolulu CC has courses for those interested in pursuing a career as a professional pilot, as well as continuing education opportunities and flight instructor training. The campus also offers certificate and associate degree programs in aviation maintenance and a transfer option for a four-year degree in airway science. The certificate prepares students to take the Federal Aviation Administration written examination on their way to federal certification as aviation maintenance technicians.

A two-year Honolulu program certifies students to build, repair and modify composite boats as well as maintain a variety of marine electrical and mechanical systems. The majority of the hands-on instruction takes place at the Marine Education and Training Center on Sand Island.

Log onto these sites for more information

www.hcc.hawaii.edu/tech/transportation.html
— for links to commercial aviation, aeronautical mechanics technology, boat maintenance and repair and automotive mechanics technology

www.hcc.hawaii.edu/orc — for motorcycle training and commercial driving training

www.mauicc.hawaii.edu/catalog/programs/amt.html — for automotive technology on Maui

www.kaauiic.hawaii.edu/ocet/noncredit/asm.htm — for automotive technology on Kauai

http://web.hawcc.hawaii.edu/hawcc/tradeindustry — for auto and diesel mechanics on Hawaii'i.

— by Heidi Sakuma, a UH Manoa journalism and English major

Courage continued from page 12

Sigmundson, in charge of John/Joan’s treatment under Mone’s direction, Sigmundson knew the sex conversion hadn’t worked. Unaware of her history, Joan had refused to wear dresses, hated make-up and fought like a boy. She was banned from the girl’s restroom for standing to urinate. At 14, she decided to live as a male. Sigmundson hadn’t challenged John Hopkins. “I thought that if I wasn’t working, it was his fault,” Diamand says.

Sigmundson put Diamand in touch with John/Joan, by then a married man struggling with psychological scars. In 1997 they presented their evidence in an article on implications of sex reassignment in the Archives of Pediatrics and Adolescent Medicine. This time the medical establishment listened. Diamand addressed the American Academy of Pediatrics. “I expected them to throw rocks at me because I was basically telling them that what they’d been doing for the past 40 years was wrong,” he says. Instead, 30 seconds of stunned silence gave way to applause.

“If you change someone’s gender as an infant, you’re doing something fundamental to them. As they grow up they’re living with incongruities that don’t make any sense to them, and they have no way of dealing with their feelings.” M any contemplate suicide. Diamand says as many as 200 pediatric sex reassignments were taking place annually in the United States due to damaged or ambiguous genitals. About 1 child in every 2,000 is born with enough ambiguity that it’s externally noticeable. One in every 100 has hidden ambiguity—XXY or other sets of chromosomes or combinations of ovaries and testes. “Gonads produce hormones that affect the brain, and it’s our brains that tell us whether we’re male or female,” he says. “In most cases, there’s a physical reason why individuals might be unsure about their sex.”

Yet doctors must classify a child’s gender at birth. Diamand offers three guidelines—don’t do surgery based solely on genital appearance; do follow-up studies on the success of sex-reassignment; eliminate secrecy. “Yes, it’s disturbing for someone to find out they have male chromosomes along with a vagina, but keeping them in the dark is disturbing too. People could deal with the truth if told in the proper way and provided with counseling.”

Since exposing the failure of the John/Joan case, Diamand has received numerous international honors and been interviewed on national TV. He served as president of the International Academy of Sex Research, which encompasses physicians, psychologists, sociologists and other scientists. “You work for 40 years then you’re an overnight success,” he quips.

Jennifer Citas (AA ’90 Windward, BA ’92 UHWO) is a freelance writer in Honolulu.

Don Hemmes, with field mushrooms from a morning’s hunt, wrote A Field Guide to Mushrooms in Hawai‘i after scouring the islands from seashore to mountain tops. Photos from his book include Hygrocybe pakelo, left.
The deadly Amanita marmorata contains liver-depressing toxins. It grows under trees imported from Australia, such as eucalyptus, bottle brush and ironwood pine.

Kaua‘i’s Amanita muscaria can have caps the size of Pringles. Other sizeable fungi include Calvatia gigantea puffballs that grow larger than basketballs on Mauna Kea and table-size conks of Ganoandra austera in Hawai‘i Volcanoes National Park.

Chlorophyllum molybdites causes the most incidents of mushroom poisoning, sending people to the emergency room with intense vomiting, stomach cramps, diarrhea, etc.

Lamalama is for one that glows like a fish, because you can’t hold onto it. Another is pakelo, slippery like a room that grows in the rainforest. We refer to this beautiful pink mushroom because you can’t hold onto it. Lamalama is for one that glows like the sun. Some were named after Pe‘a pubescens. Hawaiian names honor the Hawaiians. T his month, the painstaking identification work of these mushroom men will be published in A Field Guide to Mushrooms in Hawai‘i (Ten Speed Press). Biologists, fungal experts, students and mushroom enthusiasts alike can use it to identify the many unique fungi species of Hawai‘i.

H emmes says the mushrooms of Hawai‘i vary greatly. Some can kill or make people violently ill if ingested. H emmes is on call statewide to identify mushrooms in suspected poisonings. He offers frequent public education talks. “Remember, we have deadly poisonous mushrooms in Hawai‘i, so consult an expert before experimenting,” he emphasizes. “If someone gets sick after eating mushrooms, bring specimens along to the emergency room for identification.”

Hawai‘i restaurants provide a potential market for locally grown gourmet mushrooms. Chefs want fresh ingredients for dishes like this salad, created by UH Associate Professor Kusuma Cooray, of Kapi‘olani CC’s Culinary Institute of the Pacific.

Shiitake Mushroom Salad

Ingredients:

• 12 medium shiitake mushrooms
• 1 teaspoon minced garlic
• 1 tablespoon olive oil
• 1 teaspoon roasted black sesame seeds
• 1 tablespoon chopped red bell pepper

• 6 medium shiitake mushrooms
• 1⁄4 teaspoon olive oil
• 1 Maui onion, sliced into 1⁄4 inch rings
• 12 tablespoons balsamic vinegar
• 1 tablespoon lemon juice
• 1 tablespoon red pepper flakes

• 1 tablespoon chopped green onion
• 1 tablespoon chopped red bell pepper
• 1 tablespoon chopped red onion

Directions:

1. Remove mushroom stems. Season mushrooms with garlic, salt and pepper. Heat olive oil in sauté pan and cook the mushrooms on high heat for 2-3 minutes. Remove mushroom stems and cook onion rings for 1 minute. Place spinach on salad plates, arrange mushrooms and onion rings on spinach. Drizzle with dressing.

2. For dressing, whisk

• 2 tablespoons olive oil
• 1 tablespoon chopped green onion
• 1 tablespoon chopped red onion

• 1 tablespoon roasted black sesame seeds
• 1 tablespoon chopped red bell pepper

• 1 tablespoon lemon juice
• salt to taste

Culinary Institute of the Pacific. Hawaiian mushrooms, Hawaiians are excellent prospects for commercial production. The alder and oak materials favored on the mainland aren’t available in Hawai‘i. Hemmes is trying to secure grant money to identify readily available alternatives. “You need two buildings to begin production,” he continues. “You need a mycology lab to culture fungi (with a large autoclave to sterilize the media so that you are growing only the specific fungus you want) and a cropping building with 80 to 90 percent humidity where you grow and harvest the crop.” Educational modules and programs can train fungi farmers and researchers can study growing techniques, conduct market surveys and provide other support for commercial production.

If passion breeds success, the Big Island will soon be sprouting with commercial mushrooms. “I could work the rest of my life studying Hawai‘i mushrooms,” H emmes happily says.

Susan Collins (‘98 H i) is a freelance writer.

事项

The sago cycad is not really a palm
Compiled by Alumni Editor Mona Chock (MB ’77, BS ’74 Manoa). UH’s 10 campuses are Honolulu, West O’ahu, Hawai‘i, Hilo, Kapi‘olani, Manoa, Kaua‘i, Leeward, Maui, and Windward.

1940s
Henry Kaoru Kawasaki (BS ’44 Manoa) is a Honolulu dentist specializing in general dentistry. He and his wife Tokimi (BA ’52 Manoa) have three sons and two grandchildren. Kawasaki has four grown children, Pamela Vennen, Ben Kawasaki, Deborah Hobbs and Nancy Morita.

1950s
Barbara Ann Hall (BA ’58 Manoa) is retired and living in Cameron Park, Calif. She and her husband, Stacy Hall (who attended UH in 1988) and Kelly Hall, have two daughters. They are a member of the UHAA Army ROTC Alumni Board of Directors.

1960s
Linda M. Delene (MBA ’68, BA ’74 Manoa) is vice president for academic and planning and assessment at Western Michigan University. Delene joined the WMU faculty in 1977 and has been a professor of marketing and director of the university’s Center for Business Research since 1990. She received the WMU Alumni Association’s Teaching Excellence Award and a Distinguished Faculty Award from the Association’s Teaching Excellence Award and a University. Delene joined the WMU faculty in 1977 and lives in ‘Aiea with her wife. He is a member of the UHAA Army ROTC Alumni Board of Directors.

Mitsuo Miyatake (BEd ’57 Manoa) is retired from teaching and counseling. His wife Tokimi M. Miyatake (BEd ’57 Manoa) also retired from teaching and counseling. She is a member of the business faculty at the University of Hawaii Community College.

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Daniel Isotoshi Takamatsu (MS ’65, BS ’62 Manoa) is a member of the board of managers for the Maui and Windward Community Foundation and is a member of the American Society of Civil Engineers.

Linda M. Delene

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Les L. Gremett (BEd ’57 Manoa) serves on the board of managers for the Kailua Kona Chamber of Commerce and is a member of the American Society of Civil Engineers. He is a member of the Hawaii County Board of Education.

1990s
Ed Gayagas (MBA ’66 Manoa) is self-employed and semi-retired, living in Honolulu and working in Hawaii and the United States. He is a member of the Hawaii Capitol Club.

Rosie Rossi

1940s
Henry Kaoru Kawasaki (BS ’44 Manoa) is a Honolulu dentist specializing in general dentistry. He and his wife Tokimi (BA ’52 Manoa) have three sons and two grandchildren. Kawasaki has four grown children, Pamela Vennen, Ben Kawasaki, Deborah Hobbs and Nancy Morita.

1950s
Barbara Ann Hall (BA ’58 Manoa) is retired and living in Cameron Park, Calif. She and her husband, Stacy Hall (who attended UH in 1988) and Kelly Hall, have two daughters. They are a member of the UHAA Army ROTC Alumni Board of Directors.

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Profiles

Floyd Warren McCray (M ’58, BS ’52 Manoa) is a UHMana faculty member in geology and geophysics and the graduate certificate program in marine archaeology and history. He is also a faculty member at Woodrow CC. His new book Volcanic Hazards and Disasters in Human Antiquity includes papers from around the world.

Ronald K. Migita (IBA ’66 Manoa) was elected president of the Alaska Council Boy Scouts of America at its annual meeting. He is a lifetime resident of Hawaii and vice chair and chief executive officer of City Bank.

Peter Espejo Putacul (IBA ’60 Manoa) is associate professor of mathematics at the University of Guam in Mangilao. Putacul is a member of the Research Advisory Board. He is a poet and a graphic artist. In 1998 he received the California State Numismatic Association’s First Place Literary Award. He is married to Elizabeth Jean-Guero Patacsil. They have two grown children, Peter and Catherine.

Lorem Ipsum

Dolor sit amet, consectetur adipiscing elit. Sed ut perspiciatis unde omnis iste natus error sit voluptatem accusantium doloremque laudantium, totam rem aperiam, eaque ipsaQui? quod sint noesemper sint accumsan et imperdiet. Nam libero tempore, cum soluta nobis est eligendi qui sequi sunt aut magnam aliquam quare, voluptatum ut enim provident...
23
24 Ma¯n o a

Artie Wilcox (BH '74 Ma¯n o a) is a partner at Prudential Locations and president of the UH Letterwinners’ Club, an alumni organization for former UH Maui College students. He and his wife Lisa Wilcox have two children.

Ronald G. Wilcox (MPhil '73 Ma¯n o a) is moving from Oahu to the U.S. after more than 35 years abroad working in international health, including 10 years on U.S. projects in Thailand and Micronesia.

Creighton T. C. Wong (BBA '76 Ma¯n o a) has been regional supervisor for the Los Angeles office of Dopkins and Company, certified public accountants and consultants. Wong coordinates and reviews field examinations for the state Department of Hawaiian Home Lands.

Patrick K. M. Young (BS '76 Ma¯n o a) is president of the Leeward Daily Society of Hawai‘i and serves on the board of the Zhongshan Association of Hawai‘i. He is former president of the Buck Toy Society. Young is employed at the state Department of Hawaiian Home Lands.

Joseph (Sai Bun) Yung (BH '76 Ma¯n o a) works at the Royal Hotel Internationals in Hong Kong.

1980s

Sharon Benoit (MPhil '84 Ma¯n o a) is a manager for Pharmacia Corporation in Research Triangle Park, NC. The firm develops treatments for breast cancer and including pain management therapies—a pursuit in keeping with her academic focus on international health.

Gerald A. Brase (BA '86 Windward, AS '84, Honolulu) is working at Edwards AFB in California and is a systems engineer. He supports aerospace test projects including the space shuttle and has worked on next generation advanced tactical fighters.

Liana L. Brateland (BH '88 Ma¯n o a) is chief of staff for the Office of the Governor in the state of Hawaii. She is an officer in the UHAA ROTC Alumni board.

Christine L. Carter (BH '82, PhD '79, MPhil '75 Ma¯n o a) lives in Rockville, MD, where she works as a population geneticist for Celera Genomics.

Peter Kun Frary. (MPhil '93 Ma¯n o a) is an associate professor of music at Leeward CC, where he teaches in the music theory, guitar, ensemble music and music therapy. He also plays solo classical guitar recitals throughout the state and performs with the Hawaiian Band and a part-time music teacher and chorus director at Trinity Christian School in Kailua. He previously was a music teacher in the new James Ige High School system. His former commissioner for the Hawai‘i County Board of Ethics.

Michael F. Nauyokas (JD '89 Ma¯n o a) is an associate professor at Nagoya University in Japan.

2000s

Unger singer Placidio Domingo once said, “I can be a better performer if I don’t have to sing my voice out. It’s not about the size of the voice, it’s about the quality of the voice. And that means how you get funding for things like music education,” she says. Given her record of success, count on some more highlights ahead.

—by Stacy Yuen Hernandez, a Honolulu freelance journalist

25 Ma¯n o a

Dung began serious study of music under the guidance of UH Professor H enry M iyamura while still a se-

ior at Roosevelt High School. M iyamura confides that Dung had a slow start. “I thought of her as a very quiet student, almost passive,” he recalls. He encouraged Dung to continue her music studies at UH M a¯n o a and she enjoyed watching her blossom into an accomplished clarinetist and saxophonist.

Another UH music professor helped Dung develop her pageant platform, which she calls “The M usic Effect.” Because Dung is an excellent role model for young people, she can be a strong advocate for music education in our schools, says Assistant Professor of M usic Education Arthur H arvey. “As M iss Hawai‘i, I’m concentrating on getting music curriculum into our schools. I want to make people aware of how important it is,” Dung says.

Performing helps her be a better teacher; teaching helps her be a better performer.
For a young man looking beyond the Sooner State, college in the Pacific set the stage for a journey around the world.

James H. Roberts
From Roberts to financier

John K. Kingsley (BA ’98 Mānoa) received the French government’s Diplôme for his participation as a tank officer in the Liberation of France (1944–45). He was accompanied by his wife Diane A. Scoville-Kingsley (BA ’98 Mānoa) for the presentation, made at the Hôtel de Ville of Paris, in 1993–94.

Kingsley is currently a member of the Central Intelligence Agency’s unit specializing in service for Americans in Southeast Asia during the Cold War-60s.

Terri Kondo (’93 Mānoa) is an associate with Rakatape Ing and Kawahinui in Honolulu.

Vincent Glenn Learns (BA ’99 Mānoa) is a property and casualty agent with National USA. He is a former UH presidential scholar.

Christine Noelani Mai (BA ’97 Mānoa) is marketing and project manager for Alakai, a Honolulu software company. Mai is president of the Japan America Institute of Management Science and a member of the Pacific-American Foundation, Japan Exchange and Teaching Alumni Association and Japan-America Society of Hawai‘i.

Donald N. Menar Jr. (MA ’90–91 Mānoa), a teacher at Hilo High School, was awarded a fellowship from the James Madison Memorial Fellowship Foundation of Washington, D.C., to further his study of American history.

Alfred Juan Mina (BA ’96, BS ’95 Mānoa) is a helicopter pilot with the Halkitak Island in Waikiki.

Helene Gay Parker (BA ’95 Mānoa), formerly a prosecutor with the Office of the Attorney General in Texas, is now managing partner of Parker and Associates. She practices family law, specializing in interstate and international child support litigation, and estate planning. She is also a certified mediator.

Jeff Michael Rebdual (BA ’90 Mānoa) is an assistant professor of dance at Conexus College who has performed and choreographed widely his New York-based contemporary dance company, Nebuka Dance Group. Prior premier performances in September that explored gender issues and drew on his Filipino heritage.

Morag Rice (BA ’95 Mānoa) received the 2001–02 Outstanding Student in Elementary Education Award from UH Hilo.

Logo expert offers advice online

William L. Haig (MA ’98 Mānoa) has created a Web site to help managers evaluate their company’s logo. The site is based on his book, The Power of Logos: How to Create Effective Company Logos, (Willey, 1999) and includes a questionnaire and fax Haig the present logo. For a small fee, he will describe the content and character for the company’s ideal logo, the rationale for his recommendation, comments on the company name and advice on hiring a designer. Haig is an expert in the application of credibility principles in communications to the planning and design of logos. A company is influential if its logo symbolizes the company business (its area of expertise), looks trustworthy (for the particular company) and is highly contemporary (in design style), he says. Haig recently retired from Thelkus to concentrate on his Honolulu Web-based business. His interest stems from his work as a logo program planner for graphic design legend Saul Bass. Bass created successful marks for AT&T, United Airlines, United Way and other firms. During his graduate work in communication at UH, Haig used credibility persuasion principles to show that successful logos are credibility-based. For more information, visit www.powerlogos.com, e-mail bill@powerlogos.com or call toll-free 866-300-3777.

A poster boy for the prototype student-athlete, Jim Roberts has demonstrated the international value a UH education brings to the table. But who would have thought this education major would end up in the high-stakes world of international finance? Growing up in Oklahoma, Roberts gave little thought to attending the University of Hawai‘i. His athletic ability drew the university’s attention, however, and the UH football coaching staff recruited him vigorously. For a young man interested in seeing what lay beyond the Sooner State, college in the Pacific set the stage for a life journey that has taken him around the world.

A senior international finance officer for a European multi-national corporation, Roberts started his circuitous football coaching staff recruited him vigorously. For a young man interested in seeing what lay beyond the Sooner State, college in the Pacific set the stage for a life journey that has taken him around the world.

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Carrying on at the Pentagon

Col. Rory Cahoon (BA ’75 Manoa) was in the Air Force section of the Pentagon, watching a TV report of the attack on the World Trade Center, recognizing that it was a carefully calculated attack, when he heard the loud boom as another hijacked plane crashed into the west side of the massive building. He and his colleagues evacuated unharmed. Cahoon, who has been on active duty since 1976, was soon back at work in offices still reeking with smoke. As chief of homeland defense and a range of actions to prevent terrorist actions. He helped craft a request for emergency supplemental funding aimed at operations and maintenance budget, he calculated attack, when he heard the loud boom as another hijacked plane crashed into the west side of the massive building. He and his colleagues evacuated unharmed. Cahoon, who has been on active duty since 1976, was soon back at work in offices still reeking with smoke. As chief of homeland defense and a range of actions to prevent terrorist actions. He helped craft a request for emergency supplemental funding aimed at homeland defense and a range of actions to prevent terrorist actions.

“I was lucky to grow up in Hawai‘i and be an American, enjoying freedom even during the political turmoil of the 1960s and 1970s. The terrorist attack came as a reminder that freedom is not free; it will demand sacrifices wherever freedom-loving people live. The counterattack that began 7 October starts a long-term commitment in this fight.

“I wish my fellow alumni and islanders the best as we face new challenges and use our collective judgment to make the right political, economic, military and moral choices to impede threats to our freedom.”