SPRING 2020

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PHOTO: AARON YOSHINO

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Students, faculty and staff across the UH system are doing whatever they can to help us get through this unprecedented statewide crisis. Some are sewing masks for health care workers and first responders, others are working to develop COVID-19 treatments and vaccines. Here are just a handful of the many inspiring UH COVID-19 related initiatives that show UH research, expertise, innovation and resiliency in action.

DEVELOPING VACCINE FOR COVID-19

As confirmed COVID-19 cases continue to rise, the need for a vaccine to prevent the spread of the flu-like virus grows. UH Mānoa scientist Alex Lehrer is working in collaboration with New Jersey-based biopharmaceutical company Soligenix, Inc. to develop potential coronavirus vaccines, including one for the novel COVID-19 disease.

Lehrer and his team in the Department of Tropical Medicine, Medical Microbiology and Pharmacology have previously demonstrated the feasibility of developing an Ebola virus vaccine. Using the same technology platform, they are hopeful their development for a COVID-19 vaccine will also prove to be successful. Along with Soligenix, Lehrer and his team are also working with Hawaii Biotech Inc., a Hawai‘i-based subunit vaccine developer.

TRAINING NURSES FOR COVID-19

Faculty at UH Mānoa School of Nursing and Dental Hygiene developed a 3-hour training program, “Nursing During Pandemics—COVID-19” for nursing students and frontline nurses. The program includes an overview of COVID-19 with a focus on nursing care, public health responses and ethical challenges to assist nurses providing care in hospitals and communities. It provides the basic knowledge and skills needed to engage in epidemic and pandemic prevention,
Associate Professor Lorrie Wong, director of the UH Translational Health Science Simulation Center said, “Caring for patients during their greatest time of need is why many nurses become nurses. It is why nurses report to work amidst a pandemic. It is why our nursing students want to volunteer to support the healthcare response to COVID-19. It is our duty as educators to ensure that our students and frontline nurses are ready to face this new, ever-changing environment.”

**FREE ONLINE PROGRAM FOR FAMILIES BY ‘IMILOA ASTRONOMY CENTER**

‘Imiloa@Home, a free online program, aims to help keep ‘ohana engaged during the statewide stay-at-home order. The new resource features activities and videos about native plants/species, Hawaiian navigation and astronomy.

“It’s important for us to continue to put out these kinds of resources to keep our minds stimulated and to keep our minds focused on things outside of the current situation,” said Ka’iu Kimura, executive director at ‘Imiloa Astronomy Center. “I think it is really important for us even more so now than ever to perhaps connect with our natural and native environment that’s so unique here in Hawai‘i.”

**PROTECTIVE MEDICAL EQUIPMENT BY 3-D PRINTING**

Richard Jones, Veterans Empowered Through Stem (V.E.T.S.) program director and associate professor of science education at UH West O‘ahu, is collaborating with faculty, staff, students and community partners to create 3D-printed face shield headbands and face masks to address the pressing need for personal protective equipment for frontline medical workers.

**ONLINE UH CHILDCARE CENTERS**

In one online class, toddlers and preschoolers are swinging their arms and legs to the *Hokey Pokey*. In another, they are proudly holding up appropriately colored stuffed animals and other objects they’ve collected in advance, as the teacher reads *Brown Bear*, the beloved Eric Carle book. These are the children and families from children’s centers on three UH Community College campuses, which closed due to the COVID-19 crisis. The centers’ faculty and staff, including 12 early childhood education (ECE) students from Honolulu CC who were working on their practicum in these “laboratory” settings, have gone online to keep keiki and their families engaged during the spring semester.

**EXPANDING VENTILATOR CAPACITY**

An innovative technique to treat up to four COVID-19 patients with a single ventilator has the potential to save lives in Hawai‘i and around the world. The team working on the new breakthrough method includes UH Mānoa Mechanical Engineering Associate Professors A. Zachary Trimble and Scott Miller, Brennan Yamamoto, a 2019 UH Mānoa mechanical engineering PhD graduate and researcher for the UH Applied Research Laboratory, Russell Woo, MD, Kapi‘olani Medical Center for Women and Children pediatric surgeon and John A. Burns School of Medicine (JABSOM) associate professor of surgery, and the project’s founder, Donald Gaucher, MD, an anesthesiologist at Straub Medical Center.

“Currently with the coronavirus, we predict there will not be enough ventilators available in the United States. The quad-split ventilator system allows four patients to be ventilated off one ventilator, each with their own different minute ventilation,” Gaucher said.
"This fills a hole in our cancer infrastructure and provides a service not available here.""

["UH gets funding to expand cancer center." Honolulu Star-Advertiser 9/26/19; "UH Cancer Center receives $6.5 million for state’s first cutting edge research clinic;" UH news 9/26/19]
GROW OUR OWN TEACHERS

What began as a way to turn on-campus educational assistants, substitute teachers and emergency hires at public and charter schools into full-fledged teachers has expanded. Starting this spring, “Grow Our Own,” in its new third round, admits all Hawai‘i residents interested in teaching grades 6 to 12.

“We remain committed to reaching out to community-based, homegrown prospects by providing a pathway to teach in their communities,” says Nathan Murata, dean of Mānoa’s College of Education, who emphasizes that the Mānoa-based project, a joint initiative with the state Department of Education, is a statewide program. State Sen. Michelle Kidani, who saw the teacher potential in those long-term DOE hires, has championed its legislative funding.

Aimed at reducing the state’s chronic teacher shortage, the fully subsidized post-baccalaureate training is delivered through a combination of online and in-person learning over three semesters. This spring’s third round expanded to include art and theatre, in addition to math, science, English, world languages and special education. It was also open to applicants interested in a master’s degree in secondary education.

Graduates from the first two cohorts are largely local and employed, many in their communities as fully trained teachers, says Murata, whose focus is on Neighbor Island recruitment and retention. “We can reach and teach eligible and interested people from Hanalei to Nā‘ālehu.”

For more information: Nathan Murata (nmurata@hawaii.edu)

LOVELY HULA HANDS...AND HEARTS. Hula can significantly reduce hypertension in Native Hawaiian participants, according to a five-year study by the John A. Burns School of Medicine of 263 Native Hawaiians in nine communities on three islands. The study’s one-hour, twice a week hula classes for three months lowered participants’ blood pressure, reduced their 10-year risk for heart disease and sustained improvements after one year. “(It’s) a great example of how interventions can be more effective when they are tailored for cultural relevance to participants,” says American Heart Association Chief Medical Officer for Prevention Eduardo Sanchez.

Number of UH Community Colleges offering Hawaiian language classes to employees from public schools, starting this spring 2020. Partnering with the state Department of Education enables UH’s expertise in ‘ōlelo Hawai‘i to “integrate Hawaiian language and culture in their curriculum. We know from experience that culture-based learning works,” says VP of Community Colleges Erica Lacro.

[“UH partners to teach ‘Olelo Hawai‘i to DOE employees,” UH News 11/21/19]
Karen Tan

Interview by NICOLE DUARTE
After 12 years at Child & Family Services (CFS), Karen Tan took the helm as the organization’s president and CEO in 2017. One of the state’s largest and oldest nonprofits (established in 1899), CFS serves Hawai‘i’s families — with focus areas in caring for keiki, empowering youth, healing trauma, and honoring kupuna. Tan, who has a master’s in social work from UH Mānoa, has quickly become an innovating force in serving families and individuals in need.

At the Time of This Interview in Early April, the Novel Coronavirus Had Precipitated a Nationwide Lockdown. How Has CFS Refocused to Help Families Navigate This Unprecedented Pandemic?

During this time, incidents of domestic violence will likely increase. We have four shelters statewide for victims of abuse. We also have a hotline, available 24/7, for those who would like to call for assistance. For parents, we have Parent Line. It’s a free, confidential service with trained staff who can help with any questions or with talking to keiki during a crisis. Doors remain open, and our providers continue to work tirelessly to help families.

According to a survey CFS recently administered, more than 26 percent of the individuals it serves were also victims of sex trafficking. Were the findings a surprise?

It’s interesting because I don’t think people were surprised, they were just saddened. We have key providers in the community who have worked hard over the years to bring this to the forefront. And this study confirms what these people already knew was happening and gives volume to it. This is the first study of its kind in Hawai‘i that sheds light on what’s going on. It’s very disheartening. What it tells me is that we have to get ahead of the problem and focus on prevention.

What Does ‘Getting Ahead of the Problem’ Look Like?

We have to look at this from every angle. In terms of prevention, we have to get out to schools and educate our kids. Our human service providers will need to do a better job of identifying trafficking. At CFS, we brought in a new assessment tool, which has proven successful and will help us provide better support. Law enforcement and task forces that are being created will also play a key role. I’m told that we haven’t had a prosecution of a sex trafficker in our islands at the state level. I’m not sure if our laws need to be strengthened, but there’s some possible work to do there.

Everyone wants to do something, but it’s important to have a coordinated continuum of care across affected industries. There’s a bill in the current legislature to establish a statewide coordinator, which would help break down any silos, unveil the challenges, and provide a unified approach.

In November 2019, you, along with three other organizations, launched Safe Spaces & Workplaces. How Will This Initiative Help End Sexual Harassment in the Workplace?

When I became a CEO, I connected with other female leaders and, in that process, we learned that a lot of us had experienced harassment. As a solution-focused person, I believed it was important to not just say this happened but to also take the lead. The idea behind Safe Spaces & Workplaces is to gather data and see how many people in Hawai‘i have been impacted by this. We’ve been conducting focus groups and listening to what Hawai‘i companies need. We’re now creating video vignettes that local businesses can use for training purposes. The videos deal with issues particular to Hawai‘i. For example, we hug in Hawai‘i, so what does that look like in the workplace — when is it harassment and when is it not? How do you appropriately give a lei? Generally, people understand the egregious harassment. It’s the under-the-radar stuff that can be construed differently, so we want to help people have conversations about that.

The 2017 ALICE (Asset Limited, Income Constrained, Employed) Report found that 37 percent of Hawai‘i households have just the bare-minimum survival budget. What Is CFS Doing to Help These Families?

One of the things we did is bring a Detroit program called Transition to Success, which helps people transition out of poverty. While ALICE does not refer to people who are by definition in poverty, when you’re talking about being one paycheck away from homelessness, that, to me, is just as important. The program maps the entire family’s hopes and dreams, plotting out the path to achieve their goals, step-by-step. Sometimes, people just need a little encouragement in the very beginning to achieve those small successes to pull them around.

We’ve been testing the program in Maui and Kaua‘i and the data shows that the model is working. So now we’re beginning to expand it statewide.

What’s Next for CFS?

I see our organization as an incubator and innovator. We’re always trying new things and looking at new models of care to push the limits of what we can do to help our community. We continue to focus on our impact, measuring it and testing new ideas with that data. When you’re an innovator, you never know where you’ll land. But I see us as always pushing in a collaborative way and never being satisfied.
“When we returned to those areas, we found 4,000 new recruits...lots of keiki.”

PARICK J. HART, one of four UH Hilo scientists whose research paper on this exciting new growth of keiki 'ohi'a and koa trees, after 25 years of fencing out feral cattle and pigs, was published in Restoration Ecology in January. The study demonstrated that passive regeneration of native trees can improve the habitat of rare native Hawaiian birds in the 13,000-hectare Hakalau Forest National Wildlife Refuge, a higher-elevation tropical forest area established in 1985 on Hawai‘i Island. [UH press release 3/27/20]

“I really think it’s going to open doors for a lot of people back home.”

MANDY ROCK, second-year UH medical student from Ha‘ikū, Maui, of the proposal to expand the John A. Burns School of Medicine at Mānoa to UH Maui College to train and keep more doctors in Hawai‘i. A December 2019 physician workforce report estimated a shortage of 509 active physicians statewide. [“Proposal to expand University of Hawaii medical school to Maui may help doctor shortage,” Honolulu Star-Advertiser 1/12/20]

“We truly believe this is a fantastic destination both as a financial and an educational decision.”

HELEN COX, former Kaua‘i Community College chancellor, on the Līhu‘e campus’s rank as the best community college in Hawai‘i (the only one scoring in the top 30) and ranking 21st in the nation in 2019, according to a WalletHub analysis. [“Kaua‘i Community College ranked best community college in Hawaii, analysis says,” Pacific Business News 8/27/19]

13 Rank of UH Community Colleges among the best in WalletHub’s 2019 Best & Worst Community-College Systems of 710 systems in the nation. Evaluations were based on cost & financing, educational outcomes and career outcomes. [“UH Community Colleges among top national systems,” UH press release 8/20/19]

150 Number of engineering students at UH Mānoa awarded funds from the College of Engineering’s 2019 Annual Banquet fundraiser and granted extensions for completion, due to COVID-19, through the next academic year. The 11 projects include a concrete canoe, a steel bridge, an unmanned aerial delivery system, and a search-and-rescue drone. [UH press release 4/20/20]

2,102 NUMBER OF LINES IN THE KUMULIPO, the ancient Hawaiian creation chant, from which UH Hilo Hawaiian language professor Larry Kimura drew the name, “Pōwehi,” for the newly discovered black hole whose first ever image won the 2020 Breakthrough Prize in Fundamental Physics Award. [“Discovery named with nod to science and culture,” West Hawaii Today 8/19/19; “An ‘Oscar’ for ‘isle astronomy,” Off the News, Honolulu Star-Advertiser 9/10/19]
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CHANGING TIDES

by TIFFANY HILL

PHOTOGRAPHY BY AARON YOSHINO
How communities are educating, engaging and stewarding sustainability on O‘ahu
Sustainability is finally having its moment. Long treated as a trendy marketing tactic or buzzword for online influencers, now more than ever, the discipline is being meaningfully integrated into classrooms and workplaces. That’s good news for places like Hawai‘i.
Businesses, nonprofits and educational institutions are leading the way when it comes to sustainability in the Islands. Today, these community stakeholders discuss sustainability as an essential part of doing business, aiding the community and teaching students. Here are three sectors that are working toward a strong and enduring future for Hawai‘i and the world.

**AGRICULTURE**

**WITH THE WAI‘ANAE MOUNTAIN RANGE** serving as a dramatic backdrop, MA‘O Organic Farms is situated on 281 acres of land on O‘ahu’s Leeward coast, once a thriving region in ancient times able to produce an adequate food supply for its people. Husband and wife team Kukui and Gary Maunakea-Forth started MA‘O—Mala ‘Ai ‘Opio, or Garden Food Youth—in 2001 with just five acres. The pair are more than just farmers though, they are creating economic and social development opportunities for West O‘ahu’s youth and the surrounding community.

“Our mission is to educate young people,” says Kukui Maunakea-Forth (BA Hawaiian-Pacific Studies ’99, West O‘ahu). “Our work is also to create a workforce and to create opportunities. We happened to pick agriculture and organic farming because of the huge lack of good, healthy locally grown food in our community.”

The farm is a shining example of how to grow and scale a sustainable organic farm. Training new farmers and future community leaders means they work on the planting, harvesting, marketing and distribution of the farm’s high quality organic fruits and vegetables. It means running a business that also involves co-managing a social enterprise operation. As such, MA‘O is a model for transforming O‘ahu’s food insecurity in a state that still imports 90 percent of its food. With students from UH West O‘ahu working in tandem with MA‘O to learn about these sustainable food systems, the program has shown a way to influ-

Located in the middle of the Pacific, the Hawaiian Islands are already experiencing climate change, including rising sea levels, coastal erosion and warmer air temperatures. In fact, climate change is considered the crisis of the world today, according to the United Nations.

But Hawai‘i’s distinct geographic location, coupled with its cultural diversity, lends unique opportunities in sustainability. In 2017, Hawai‘i became the first state to commit to the Paris Agreement standards, which includes efforts to conserve natural resources and combat sea level rise. The state also has aggressive energy benchmarks: 100 percent renewable energy and carbon neutral by 2045.
ence ecological policy and engage the next generation of Hawai‘i’s farmers. According to the USDA, the average age of the American farmer is 57.

Since MA’O Organic Farms started, it has provided stipends and college scholarships for students attending the University of Hawai‘i. Many of these interns are enrolled at the West O‘ahu campus, just 17 miles away. Students learning how to farm, including those still in high school, simultaneously acquire entrepreneurial skills based on Hawaiian values. In the farm’s nearly two-decade history, roughly 350 interns have gone through its internship program, many earning associate and bachelor’s degrees.

The farm has even contributed to reversing Hawai‘i’s brain drain. Some former interns, many of whom are UH alumni, now work at MA’O, says Maunakea-Forth. MA’O’s leadership includes Youth Leadership Development Specialist Tori-Lyn Smith (MSW ‘17, Mānoa), Farm Manager Cheryse Sana (BA Hawaiian Studies ’12, Mānoa), and Farm Co-Manager Derrik Parker (ASC Community Food Security ’11, Leeward Community College). Maunakea-Forth says it’s created a dynamic, intergenerational leadership at the organization.

“They’re the best role models for the young people who are the backbone of our organization. We want people who will return back to their community to work and to raise the next generation.”

N O‘AHU’S SOUTH SHORE, the sunshine is key to the success of another sustainable initiative. But it’s not fruits and vegetables, it’s solar-powered electricity. The benefactors are formerly houseless local families who now reside at Kahauiki Village. Located on 11.3 acres of land between Nimitz Highway, Ke‘ehi Lagoon Park and Sand Island, Kahauiki Village was launched in 2016 in response to Gov. David Ige’s Emergency Proclamation on Homelessness. According to the Point in Time Count—the annual nationwide homeless census—there were 4,311 people living on the streets, in parks or on beaches on O‘ahu in 2019. Hawai‘i also has a higher number of homeless people per capita—46 out of every 10,000 people—than any other state except New York, according to a December 2018 HUD report.

To help combat the pervasive problem, Kahauiki Village was launched using renovated modular homes, originally intended for the 2011 Tohoku, Japan tsunami and earthquake victims, and now made to look like Hawai‘i plantation-style homes. The unique neighbor-
hood is the brainchild of Duane Kurisu, aio Hawaii CEO and chairman. Designed for resident families with young children, it will comprise 144 affordable, one- and two-bedroom homes, as well as a community center, grocery store, preschool, nursery and more. As of May, the project is in its final construction phase.

The project is a collaboration of city and state governments, as well as a laundry list of private companies and nonprofits, some of whom provided their services pro bono. This includes InSynergy Engineering, a Honolulu engineering company.

“We’ve been looking for something to support the homeless issue for a long time,” says Joel Yuen (BS mechanical engineering ’81, Mānoa), the president of InSynergy. “I thought this was a great thing.”

InSynergy Engineering donated mechanical engineering expertise and services for the project, including plumbing, power distribution and fire protection. When it came to powering the homes, Yuen says the company spent four to six weeks analyzing how to best serve the residents of Kahauiki Village. For them, sustainability meant not only environmentally, but also fiscally for the neighborhood’s future residents.

“We wanted to find solutions that would reduce their operating utility costs,” he says of the vision for the village as permanent homes for working families.

Enter the solar-powered technology. InSynergy Engineering collaborated with Honolulu renewable energy company PhotonWorks to create an integrated, photovoltaic microgrid and solar water heating system. This allows Kahauiki Village to be off-grid and reduces residents’ utility bills by more than 20 percent, says Yuen.

Since working on Kahauiki Village, InSynergy Engineering has received requests for additional sustainable energy projects, according to Yuen. “The idea that we can be self-sufficient on energy from our on-island sources is a big deal,” he says. “I think this demonstrates that it’s feasible to do more than we think.”

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**EDUCATION**

N 2015, THE UNIVERSITY OF HAWAI’I pioneered a new systemwide department, the Office of Sustainability. The UH office integrates sustainability practices across virtually everything the institution does: education, research, operations and community and cultural engagement. It’s a massive directive, but director Matthew Lynch says the office is up for the challenge.

“We need to be doing everything we can to ensure our students are equipped with knowledge not just to survive, but to thrive,” says Lynch, who has a background in community-based sustainable development.

Lynch is part of a six-person team that works across the University of Hawai’i’s 10 campuses and in the community to integrate sustainability initiatives. The office’s work is based on the shared belief that sustainability and resilience are crucial to Hawai’i’s long-term success and vitality. They create and support projects investing in food security, renewable energy, bio-cultural restoration and more.

In the last five years, the office has achieved tangible successes such as installing PV systems on various buildings across campuses. UH Maui, for example, is on track to become the country’s first net-zero campus by the end of this year. The 78-acre campus, which comprises 40 buildings, will soon generate 100 percent of its energy from on-site solar photovoltaic systems and battery storage. Leeward Community College on O‘ahu also has enough solar PV planned to provide for roughly 98 percent of its energy consumption, says Lynch. These renewable energy initiatives showcase to students, and the community, that UH is committed to sustainability and being responsible stewards of Hawai’i’s environment, he adds. “Imagine how it must feel (for students) to show up every day to a campus that is literally demonstrating what a clean-energy future can look like.”

The office has also had notable academic achievements like the creation of three bachelor’s sustainability degree programs, available at UH Mānoa, UH West O‘ahu and UH Maui. And in 2018, UH Mānoa launched the Institute for Sustainability and Resilience. The institute promotes environmental community partnerships and concentrates on solution-oriented curriculum across all departments.

“Everything exists to serve students,” says Lynch. “We need to be teaching to the issues of our times.”
Hey are coach and player, mentor and protégé, close friends and now, the friendliest of rivals.

They are Glennie Adams and Tanya Fuamatu-Anderson—two of the most esteemed figures in Hawai’i volleyball history—and they had some of their greatest successes at the University of Hawai’i at Hilo.

Adams was a four-sport athlete at Kamehameha-Kapālama. When she enrolled at UH Hilo to play volleyball for legendary women’s coach Sharon Peterson, it took her a while to adjust to her new surroundings.

“It seemed that I was an eternity away from my family,” Adams recalls, smiling. “I was calling them multiple times every day. It got to the point where they finally said, ‘Stop calling!’

She had to adapt in the classroom as well.

“At first, I was the worst student,” Adams admits. “I quickly learned that to be able to play, I needed to have the grades. I needed to be accountable. I learned to value academics, and by the time I graduated, I actually wound up excelling in the classroom.”

On the court, success came right away. On December 8, 1979, then-sophomore Adams helped the Vulcans win the school’s first national championship, defeating Lewis University in Orlando, Florida. Playing both setter and

By LANCE TOMINAGA

ILLUSTRATION BY KELSEY IGE
outside hitter, she was named an NAIA All-American that season. On that same day, Mānoa’s UH Rainbow Wahine also captured their first national title under Coach Dave Shoji.

“We actually won our championship first because we were in Florida and they were in Utah,” Adams points out.

Going on to help Hilo capture another national title in 1982, she caught the coaching bug during the 1981 season, when she was sidelined with an injury.

“Sharon let me work with the setters, putting them through drills,” she recalls. After watching the games from the bench and seeing Sharon “do her thing,” Adams thought, “I’d like to do this.”

She graduated from Hilo with a degree in psychology (she later earned a master’s degree in social work at UH Mānoa). Her first volleyball head coaching opportunity came at UH Lab School, where she led the girls program to state titles in 1988, 1989 and 1990.

The wins continued when Adams became the head coach at Chaminade University. In her 15 seasons with the Silverswords, she notched 179 victories—the most in program history.

“I constantly preached to my players that volleyball was their ticket to a higher education,” she says. “I prided myself on the number of kids we graduated from Chaminade.”

In 2011, Adams was named the first female athletics director at her alma mater, Kamehameha, which boasts one of the largest athletic programs in the nation.

“That’s humbling,” she says. “You know that feeling you get when something really good happens to you? That’s how it is for me every single day.”

One of Adams’ top players at UH Lab School was Fuamatu-Anderson, whose love for volleyball came at an early age.

She grew up in Mayor Wright Housing in Liliha, living with her parents and 10 siblings, including future NFL running back Chris Fuamatu-Ma’afala.

Her older cousins played volleyball outside, standing in a circle and bumping the ball back and forth to each other, with no net or court or referees.

“When I first started, I was too young to even be in the circle. I was their gofer, running around to retrieve the ball if it got hit out of the circle. That was my first taste of volleyball.”

That one taste turned into an insatiable hunger. Fuamatu-Anderson became a two-time All-State performer at outside hitter for Peterson and was named “NAIA Player of the Year” in 1993.

“What really sticks out for me about Hilo,” she says, even with the individual awards and honors she earned as a Vulcan, “is all the people that I got to meet, and the friends and sisters that I’ll have with me forever.”

By the time she graduated in 1995 with a BA in psychology, Fuamatu-Anderson already knew she wanted to coach.

“I still had competitive juices flowing in me, and coaching was the next best thing to playing,” she explains. Fuamatu-Anderson joined Adams’ coaching staff at Chaminade for 11 seasons before becoming a club coach, where she led her teams to two national championships.

In 2013, Fuamatu-Anderson was named to her current position as the girls head volleyball coach at Punahou School. The following season, she led the Buffanblu to the Division I state title.

“The best part about my job is working with the kids,” she says. “It’s a crucial time for them, making a lot of important decisions. For me, (coaching) isn’t about winning titles. It’s about helping kids.”

Her former coach agrees.

“Win or lose, I want to see our kids and coaches exemplify the values that we aspire to at Kamehameha,” says Adams. “The grit. The tenacity. The never-give-up attitude. When they give it their all, I’m even more proud of them.”

Although the two women are now at rival institutions, Adams and Fuamatu-Anderson continue to root for one another.

“Glennie was such an amazing mentor,” says Fuamatu-Anderson. “She gave us nothing but her absolute best.”

Says Adams: “They don’t get any tougher than Tanya. She’s an example of what you want in a student-athlete. So I’ll always want her to do well.”

She smiles. “I just don’t want her to beat Kamehameha.”
LARRY KIMURA: 2020 LIVING TREASURES OF HAWAI`I

FROM HIS UNCOMMON UPBRINGING as a child of a Japanese father and Hawaiian mother on Hawai`i Island’s Parker Ranch, Larry Lindsey Kimura knew early on where he came from, surrounded by the languages—Hawaiian, Japanese and Pidgin—of his large, loving and nurturing multi-generational family. He also sensed the “imbalance, the neglect of Hawaiian,” compared to other cultures in its homeland. That awareness deepened when he enrolled as an eighth grader at Kamehameha Schools in Kapālama.

“Lonesome is how I felt,” recalls the associate professor of Hawaiian language and Hawaiian studies at UH Hilo. “People my age weren’t interested, as I was, in Hawaiian” as their own language and link to their cultural identity, and as “a way of being and of understanding the world.” But influential others took notice, including Mary Kawena Pukui. In his senior year at UH Mānoa, Kimura asked her to include his aging Hawaiian grandmother in Pukui’s now landmark audio recordings of native speakers, often credited with making the Hawaiian Renaissance of the 1970s possible.

Now internationally renowned and respected for his decades of work to revitalize the Hawaiian language, Kimura realized that, beyond the 1978 Constitutional Amendment that restored Hawaiian (banned in schools in 1896) as an official state language, reviving Hawaiian as a “living” language meant “building from the ground up.” His vision, now shared with many others he says, has spanned from kūpuna to keiki. They include rare audio documentation of the last native `ōlelo Hawai`i speakers available to modern speakers; and the creation of the first Hawaiian language preschools in the 1980s, established by a non-profit Kimura co-founded, `Aha Pūnana Leo. It was awarded the world’s first accreditation of an early education program conducted through an endangered and indigenous language in 2014. “There’s more to be done,” he says.

As for the present, Kimura chairs the Hawaiian Lexicon Committee that creates new words. He was asked in 2019 to name the first captured image of a black hole by an international team of astronomers, including scientists from two telescopes on Mauna Kea. He chose “Pōwehi,” which refers to “a source of unending creation.”

—Gail Miyasaki

AWARDED

JON OSORIO, (BA ’86, MA ’91, PhD ’96 history, Mānoa), dean of UH Mānoa’s Hawai`i`inuiākea School of Hawaiian Knowledge, a 2019 Lifetime Achievement Award by the Hawai`i Academy of Recording Arts for his contributions to Hawai`i’s music and recording industry. The Hilo, Hawai`i native and Kamehameha Schools graduate was half of Jon & Randy, formed in 1974 during the Hawaiian Renaissance of local music and winner of the 1981 Song of the Year Hoku Award, “Hawaiian Eyes.”

INDUCTED

BOBBI KOX (BA ’87 sociology, Mānoa), one of Hawai`i’s first female Class A PGA professionals, into the Aloha Section PGA Hawai`i Golf Hall of Fame. A two-time winner (1984 and 2000) of the Jennie K. Wilson Invitational, the state’s most prestigious women’s golf championship, Kox is the 75th golfer and 15th woman inducted. She served as UH Women’s Golf Coach (1995–97).

AWARDED

Nā Wāhine Koa: Hawaiian Women for Sovereignty and Demilitarization, by MOANIKE’ALA AKAKA, MAXINE KAHAULELIO, TERRILEE KEKO’OLANI-RAY-MOND, and LORETTA RITTE, co-winner, Hawaiian Language, Culture and History category, 2019 Ka Palapala Po’okela Awards. Featuring essays by four wāhine koa (courageous women) and leaders in Hawaiian movements of the 1970s. (UH Press, 2018)
HAT HAPPENS when you don’t like the piano lessons you started at age five, so you quit? If you’re Michael-Thomas Foumai, lecturer in UH Mānoa’s music department and UH West O’ahu’s Academy of Creative Media, you start composing music by sixth grade. Then in middle school at Kawananakoa, you discover the violin as “the right instrument for me.”

“Music for me is a way to tell stories. It stirs the imagination and conjures images,” says the now 32-year-old Foumai, whose main passion is composing. Described as “vibrant and cinematic” (New York Times), his symphonic compositions, performed and recorded nationwide, have earned him international acclaim. An early love of movie music, an exciting joy from working with others to create music, and a deep appreciation for Hawai‘i while on the Mainland for graduate school have, since returning in 2015, shaped Foumai’s musical story-telling.

A turning point was meeting Nainoa Thompson and crew members of Hōkūle‘a on their 2017 return from its historic Mālama Honua worldwide voyage. The result was “Raise Hawaiki,” a large scale choral-symphony, featuring music composed by Foumai.

Chosen one of 35 talented young leaders in Hawai‘i for the 2019 Pacific Century Fellows, Foumai takes an expansive approach that celebrates versatility, collaboration, diversity and respect for tradition and innovation in the arts. His works include “Symphony of the Hawaiian Birds” with Bishop Museum; several web-based documentaries on the creative process through social media; Hawaii Youth Symphony arrangements for guest artists Amy Hānaiali‘i and Jake Shimabukuro, among others; and an upcoming opera on Hawai‘i’s infamous Massie Case of the 1930s.

“Music cannot be seen. It is an invisible journey as it moves through time,” says Foumai, who believes it has “the power to bring community together, to inspire and create community.” — Gail Miyasaki
HOMETOWN
I grew up in Honolulu with a mother who was a brilliant, strong, outspoken woman. Also manic depressive, she ended up taking her own life. Because of this, I ended up homeless as a teenager. As a young adult, theater literally saved my life: It taught me discipline, concentration, professional behavior, humility, confidence.

EDUCATION
• BA theater, Mānoa
• MFA directing, Mānoa

WORK
• Theater Lecturer, Windward Community College
• Education Director, Hawaii Shakespeare Festival
• Play Development Committee, Kumu Kahua Theatre

PLAYMAKER
Taurie Kinoshita

The Royal Shakespeare Company. Recipient of the Kennedy Center American College Theater Festival Excellence in Teaching Award, she has also won numerous awards in acting, playwriting and directing, including three Po’okela from the Hawaii State Theatre Council.

I taught privileged students in London at a top acting conservatory for several years. I wanted to come back to Hawai‘i and give other students the chance for the same life-changing experience I had as a troubled kid. When I used to act, I loved escaping into another life or world. Actors bravely imagine the given circumstances of a character. Theater classes require compassion, can build immense confidence, and make students more perceptive and able to adapt to any circumstance.

Kinoshita has directed over 100 critically acclaimed productions in New York, London and Honolulu. Her most recent directing achievements include Dennis Carroll’s Way of a God about Captain Cook (Kumu Kahua) and William Shakespeare’s MacBeth (Hawaii Shakespeare Festival). She also took WCC students to Los Angeles to perform in A Walking Shadow, a play about the 1929 Myles Fukunaga case in Hawai‘i.

I would rather do theater here because it can speak to specific underserved groups. I love doing theater for local audiences, giving them high-quality theater that normally they would have to travel to see. I care most about the quality of the performance and artistic standards.

PROUDEST MOMENT
I love hearing from my students who have gone on to great success in the performing arts and seeing how well they’re doing. Most significantly, even my students who did not continue with theatre are extremely successful. Engaging in theatre is the art of learning to make appropriate and compelling choices—onstage and in life.

FOR MORE INFORMATION ON TAURIE KINOSHITA:
https://aerospace.wcc.hawaii.edu/theatre/instructors.php
Alumni Events

DC ALUMNI RECEPTION IN THE NATION’S CAPITAL
On September 24, 2019, UH alumni and friends in the Washington, D.C. area gathered for the DC Alumni Reception at the beautiful Cosmos Club. Guests enjoyed a special presentation by UH Mānoa Associate Professor Dr. Veronica Bindi on the future of human exploration to the Moon and Mars, and her work on the Alpha Magnetic Spectrometer.

FOOTBALL FEVER: ALUMNI CELEBRATION IN WASHINGTON STATE
Pre-game festivities on September 13, 2019, the day before the football game against the University of Washington, included UH alumni and friends gathering in the Evergreen State for an evening of food, fun and UH spirit, hosted in partnership with the Hawai‘i Tourism Authority. Guests enjoyed live entertainment by the Hawaiian Airlines Serenaders and appearances by President David Lassner, Mānoa Athletics Director David Matlin and former Head Coach Nick Rolovich, along with the UH Mānoa Cheer Team.

NEW ALUMNI HOLOHOLO SERIES: BREWING IN HAWAI‘I EVENT

A HOMECOMING FIRST: ALUMNI PAU HANA
Go ‘Bows! Homecoming 2019 festivities featured the first ever Homecoming Alumni Pau Hana event on September 19 at Honolulu Beerworks in Kaka‘ako. With exclusive access to the Beer Garden, guests mingled with fellow alumni, enjoyed delicious pūpū and reminisced about their college days.

HEERS! ALUMNI AND GUESTS ENJOYED TASTING a variety of beers as part of the Brewing in Hawai‘i event on February 27, 2020. Held in Kaka‘ako, the first-time event launched the new Alumni Holoholo Series. It features successful alumni (pictured center, Kelly Simek [BA Interdisciplinary Studies, broadcast meteorology, Mānoa ‘14], KHON-TV weather reporter) from a wide range of industries hosting guests for a behind-the-scenes look at what’s brewing in their work.
JAY ANA (BBA ’98, Mānoa), named president, Young Brothers, LLC, the state’s only inter-island water carrier to transport cargo to all the islands. Joining Young Brothers in 2014, he has served more than 20 years in leading positions in Hawai‘i’s finance and business industries.

JASON CHUNG (BA ’89, Mānoa) is the new VP of military affairs, Chamber of Commerce of Hawai‘i. Commissioned in MIS through UH’s ROTC program and recently retired from the U.S. Army after 36 years, he has been an executive officer for the Commander of the U.S. Forces Command, and United Nations Command.

SCOTT GLENN (MURP ’09, Mānoa) appointed to the newly created position of chief energy officer, Hawai‘i State Energy Office, has previously served as director of the Office of Environmental Quality Control. He was also co-chair of the Sustainable Hawai‘i Initiative and liaison to the U.S. Climate Alliance.

RUN HEIDELBERG (MS ’09, Mānoa) is the new administrator, Hawai‘i State Hospital. A 25-year veteran of the state hospital with a master’s degree in psychiatric mental health nursing, he oversees the existing hospital, 600 employees and the construction of a new 144-bed psychiatric facility.

LANCE M. INOYUE (JD ’77, EMBA ’05, Mānoa), recognized as the 2020 Outstanding Union Builder of the Year by the Hawai‘i Regional Council of Carpenters, for his professional excellence and dedication to his construction craft, employees and industry relationships. He is president/CEO of Ralph S. Inouye Co. Ltd, founded by his father Ralph.

ELLIO T KALAUWA (MD ’79, Mānoa), chief medical officer of Waikiki Health since 1986, honored as “Physician of the Year” by the Healthcare Association of Hawai‘i. One of the early Native Hawaiian physicians, he oversees the multi-service health center’s Primary Medical Care services.

KENNETH KAN (BBA ’96, Mānoa), named senior VP and chief development officer for the Outrigger Hospitality Group, developer and manager of full-service hotels, condominium resorts, vacation ownership (timeshare) resorts and resort retail complexes. His experience includes strategic planning, real estate investment and finance.

DARRAH KAMAKANAALOHA KAUNHE (MS ’13, Mānoa), named executive director for the nonprofit Project Vision, the state’s only mobile health screening program with mobile units addressing healthcare access-challenged communities on six islands. She also continues as executive director of Hawaiian Eye Foundation.

CHRIS KIM (AAS ’98, Honolulu CC), awarded the 2019 CrimeStoppers USA national award for Coordinator of the Year, out of 350 nationwide, is the Honolulu program’s first awardee in its 37-year history. Also serving as HPD’s volunteer crisis coordinator, the sergeant promoted use of the P3 Tips app that increased crime tips 200 percent.

CHRISTINA LIZZI (JD ’17, Mānoa), named executive director, Maui Nui Marine Resource Council, a nonprofit focusing on threats to vital reefs and the nearshore ocean environment. A member of the IUCN World Commission on Environmental Law, she has served as a policy analyst and national community organizer on fisheries issues at Food & Water Watch, a Washington, D.C. non-profit organization.

ROY J. MACARAEG (AA ’94, Honolulu CC; BA ’98, Mānoa), promoted to brigadier general, Hawai‘i Army National Guard. As the first Filipino soldier believed to achieve general officer rank in the documented history of Hawai‘i’s citizen soldier ranks, he has served at the Pentagon and in Iraq, Kuwait and Kosovo during his 29 years of service.

DWIGHT MITSUNAGA (DARCH ’00, Mānoa), named 2020 president of the Building Industry Association of Hawai‘i, a professional trade organization affiliated with the National Association of Home Builders and representing Hawai‘i’s building industry and its associates. He is president of DM Pacific, Inc. a diversified general contracting firm with design/build capabilities.

JONATHAN MIZUKAMI (AAS ’01, CA ’99, Maui), new executive chef, The Kahala Hotel & Resort, was previously chef de cuisine at Chef Mavro and executive chef at Vintage Cave. He oversees The Kahala’s four restaurants and catering. The Maui native has worked at renowned restaurants in California, New York, Spain and England.

KENRIC MURAYAMA (MD ’85, Mānoa), inducted into American College of Surgeons Academy of Master Surgeon Educators, the only Hawai‘i surgeon in the academy. The ‘Iolani School graduate is currently chair and residency program director, John A. Burns School of Medicine’s Department of Surgery.

MIKE PIETSC (EMBA ’09, Mānoa), promoted to president and COO, Title Guaranty Hawai‘i, the state’s oldest and largest title and escrow companies.

FRED MURPHY (BEd ’95, Mānoa), honored as Hawai‘i’s 2019 National Distinguished Principal of the Year by the Hawai‘i Association of Secondary School Administrators, has been principal for seven years at Mililani High School, his alma mater. He expanded AP courses, career and tech education programs, clubs and athletic teams, and promotes parent and community involvement.

MIKE PIETSC (EMBA ’09, Mānoa), promoted to president and COO, Title Guaranty Hawai‘i, the state’s oldest and largest title company owned and operated by a kama‘aina family since 1896. Overseeing more than 300 employees in branches statewide, he continues to lead daily operations of both the title and escrow companies.

KITTY YANNONE (BA ’81, Mānoa), appointed chair of American Red Cross of Hawai‘i’s board of directors, was instrumental in establishing its Corporate Partners Program, providing financial support from Hawai‘i businesses. Yannone currently serves as CEO of CommPac LLC, an integrated communications and public relations company.
Making a historic off-Broadway debut in January was ‘Au’a ’Ia: Holding On, a UH Mānoa production featuring oli (chants), mele (songs) and hula from Hawai’i’s history. A first for UH to be invited to perform in the Big Apple, ‘Au’a ’Ia was the opening act for the off-Broadway “Reflections of Native Voices Native Theater” festival, featuring works of indigenous cultures, including Native Americans.
COVID-19: We’re all in this together
You can help UH students and research during this crisis

We have heard from many of you expressing concern for the welfare of our students and an interest in learning more about what the university is doing to fight COVID-19. As we adjust to a new reality amid concerns about the novel coronavirus, you may be wondering how you can help.

UH has created two new funds in response to this crisis:

**Urgent Student Relief Fund**
This fund will provide critical support for students facing extreme distress and disruption in financing, housing and studies.

**Research to Save Lives**
Your support of UH's emerging and infectious disease research can fuel rapid progress in monitoring COVID-19 and developing a vaccine.

Make a gift to support UH students when they need you most at uhfoundation.org/covid19