

# Kilo iā

2012/APR//MAY//JUN

## ▶ PLAYING IN THE SAND

with the Aquarium's  
Education Department

## ▶ DIVE INTO SUMMER

Summer by the Sea,  
Ke Kani o ke Kai,  
and more!





➔ **Spring is upon us**, but the last days of winter brought several days of torrential rains. And everything stayed dry! It was not that long ago that heavy rain heralded staff to place buckets in offices and in the galleries to catch the water dripping through the ceiling and walls. This, the first real test of our new roof membrane, passed with flying colors and what we jokingly referred to as our ‘interactive immersion experience’ is a thing of the past.

Outside, the rains also delivered us our newest and most ephemeral temporary exhibit—a pond on the lawn that was quickly spotted and colonized by three ducks. Though the pond disappeared a few hours later, the ducks still visit almost every day to browse on the lawn area.

Another temporary at the Aquarium is KE18, a male Hawaiian monk seal being housed here on his way to California. Categorized by humans as ‘an aggressive male,’ he provides us some of his own perspective in these pages. We should never lose sight that all the creatures housed here are, ultimately, wild animals, and the behaviors and survival rules they operate under are different from those of mankind. The Aquarium is honored to have played a role in helping National Marine Fisheries Service in reaching a happy resolution to KE18’s case.



Spring showers bring... a trio of ducks to the Aquarium lawn!



Peppermint angelfish in quarantine behind-the-scenes.

Everyone knows that ‘good things come to those who wait,’ but sometimes, great things come to those who ask, however flippantly! One evening in February we hosted a small reception at the Aquarium for NOAA’s National Marine Sanctuaries community advisory committees. Among the guests I spoke to was a friend whose husband, Dave, was on a research dive expedition in Tahiti. She showed me some underwater shots he had just sent her on her Blackberry. One was of a beautiful red and white fish, a peppermint angelfish, and a species I had never seen alive before. Breathtaking! I lightheartedly joked, “Gotta get one of them!” Completely unexpectedly, five days later that fish was here at the Aquarium, alive. Collected at 400’ by Dave and Rich, the fish is on permanent loan to us by the Smithsonian Institution, with the proviso that, upon death, the body be sent to them for scientific study. Now progressing through quarantine, the fish will be put on public display in April, and will join several of our other fishes in being the only one of its species on display anywhere in the world.

Conservation, collaboration, friendship, surprises, research, the wonderful and the unique—it kind of sums up much of what the Aquarium is about, don’t you think?

*Andrew Rossiter*

Dr. Andrew Rossiter  
Director

# Kilo i‘a

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► **Fish at work on *Kilo i‘a*!**

Let us know what you would like to see in your *Kilo i‘a*, we appreciate your feedback. Drop us a line at: [kiloia@waquarium.org](mailto:kiloia@waquarium.org).

► **MANA‘O**

**kilo**

Stargazer, reader of omens, seer, astrologer; to watch closely, examine, look around, observe, forecast.

**i‘a**

Fish or any marine animal.

Traditionally, the *kilo i‘a* was an expert of fish and marine life. He studied the behaviors and movements of *i‘a*. The *kilo* stood at a high point of land overlooking the ocean to watch for an expected school of fish and steered the fishermen in the school’s direction. The success of surrounding the school was entirely up to the *kilo*.

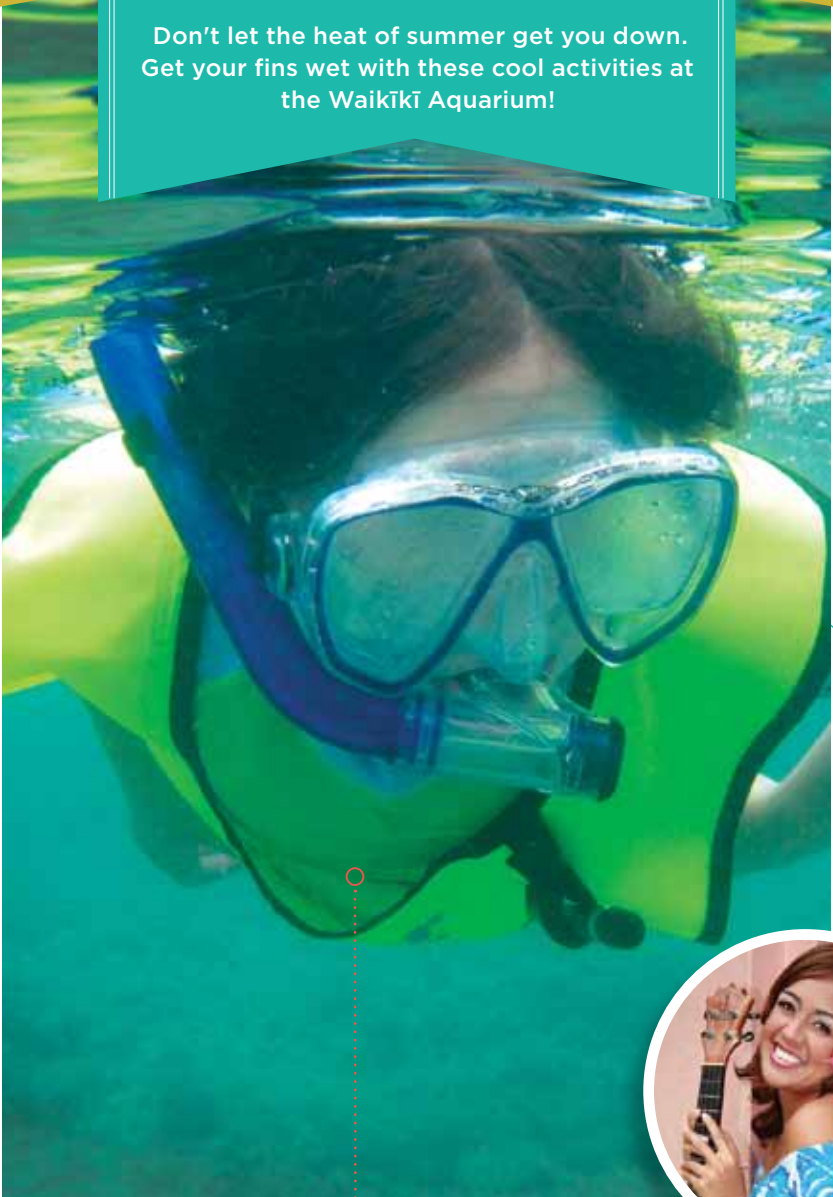
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## Dive into SUMMER

Don’t let the heat of summer get you down. Get your fins wet with these cool activities at the Waikīkī Aquarium!



### Summer by the Sea

Ready to spend *Summer by the Sea*? Waikīkī Aquarium’s week-long day camps are designed for budding biologists ages 8 to 12 years old. Snorkeling, swimming, sand animal building, tidepooling, hiking, fishing and exploring are some of the out-of-doors activities we have in store. Back inside, participants will be observing, playing, creating, learning and exploring the Aquarium. Don’t wait to sign-up; spaces fill up quickly.

*See the calendar on page 11 for more information on all these summer events and activities.*



### Mauka to Makai APR 14

Join us as we celebrate Earth Day at the Waikīkī Aquarium. This family friendly event aims to educate the public on how to preserve and protect Hawai‘i’s unique island environment from *mauka* to *makai*.

### Seasons and the Sea MAY 1

Say a *hui hou* to the wet season, *ho‘oilo*, and welcome the dry season, *kau*. The Hawaiians marked this time by observing the sun sinking into the crown of Pu‘u o Kapolei. We celebrate this rich cultural heritage every year with our Seasons and the Sea event.

### World Oceans Day JUNE 8

The Aquarium will commemorate the occasion with a presentation of the winners of the World Oceans Day 2012 Youth Video Project, with Cabrillo Aquarium in California and Nausicaa Aquarium in France. Other activities include Sandy Beach cleanup (Makapu‘u side) on Saturday, June 9 from 9:00-11:00 a.m. and opening reception for *Ke ‘Ike o ka Moana: The Knowledge of the Ocean* at Honolulu Hale on Thursday, June 14 at 5:00 p.m.

### Ke Kani o ke Kai

Summer wouldn’t be the same without the Aquarium’s summer concert series: Ke Kani o ke Kai. Join us on Thursday evenings June 14 through August 9 for some of Hawai‘i’s top entertainers and “ono grinds” by popular restaurants. Featured artists include HAPA, Raiatea Helm, Jake Shimabukuro and Kuana Torres-Kahele to perform under the stars on the Aquarium lawn.





## Playing in the Sand

**“You have five minutes to build your city. Are you guys ready? You know what to do? Ok, go!”**

A group of students run to the water’s edge to fill cups with wet sand in order to build “sand-cities” on the banks of simulated shorelines. After the five-minutes are up, Dean Spencer, the Aquarium’s School Programs Coordinator, discusses the results with the group of students.

**T**he Waikīkī Aquarium Tidal Exploration and Research Program (WATER) allows students, grades 4 through 8, to learn to predict, collect, analyze data and draw logical conclusions using the scientific method in an informal outdoor setting – *science on the beach!*

Every Monday and Tuesday morning a portion of Ala Moana Beach is turned into a seaside classroom. Waikīkī Aquarium staff and volunteers begin their day at 7:30 a.m., unloading equipment to transform the beach into three education stations to accommodate 30 students scheduled to arrive at 9:00 a.m. In 90 minutes, tents are up, tables and lab equipment are dispersed and beach simulations are built along the shoreline. The WATER Program allows both the volunteering students and the participating schools’ students an opportunity to learn hands-on environmental science in a classroom any student would love to be in. (Most of our volunteers are also students! Home-schooled high school students receive science credit for volunteering with this program.)

### OBSERVATION DISCOVERY STATION



When the scheduled school arrives, the students are broken into three groups that rotate between the three education stations. At the “**Observation Discovery Station**,” students identify whether sand is *biogenous* (composed of living things) or *terrigenous* (composed of “earth matter”). Students get hands-on experience using jewelry loupes to examine sand samples previously gathered from different beaches around Hawai‘i. Next, they test the chemical composition of the sand on location by adding a few drops of vinegar to sand samples in tubes. Finally, they drag a magnet (nicknamed “Maggie”) through the sand to find magnetite in the beach’s white sand.

### OBSERVATION MEASUREMENT STATION



At the “**Observation Measurement Station**,” students collect data using sieves and scales to calculate density of a liter of sediment. Students have to work together to shake the heavy sieves in order to sift and separate the sediment. Sand is filtered by grain size within the sieves, with largest grain size on the top-most tray and the finest sand on the bottom tray. The students discover that what we call sand on Ala Moana beach is actually made of gravel, sand and silt.

### OBSERVATION SIMULATION STATION



At the “**Observation Simulation Station**,” students use three types of beach simulations and discover how forces such as wave direction, wave size, ocean current and human land development impact the environment. Three simulation stations are constructed, with sand, tarps and wood, to represent three different shoreline scenarios. The students are broken up into three groups, one at each simulation station, to build sand cities above the simulated shorelines. Armed with information scientists have discovered about the causes of shoreline erosion, students use the scientific method to determine the outcome of each beach

simulation. “How will wave action affect the city on this station?” asks Spencer. The students examine and discuss the placement of the sand-city and the position of the waterway. Next, Spencer throws a bucket of water into the tarped trough in order to accurately show the effect of the wave action.

Students learn that healthy beaches have an abundance of sand. When the supply of sand is depleted due to a rise in sea level (a direct result of climate change) or shoreline modification via human interaction, beaches can erode. “The message we want to send to the students is, ‘We can make a positive or negative impact on our shorelines,’” said Spencer. Not only do students learn a valuable lesson in the importance of caring for our environment, they have a blast learning it. 🌊

\*The WATER project is part of a NOAA funded BWET grant.





## Tours with Wili

A new animated tour that is sure to brighten your day — kids and adults alike!

A new language has come to the Aquarium Audio tours — Kid Talk! In the past, you could hear information on an exhibit in English, Japanese or German. Now we have added a language filled with child-friendly information and peppered with music, sound effects (plops, smashes, squirts) and even the rumblings of the resident monk seals.

The Children's Tour is led by Aquarium mascot Wili (a nickname for lauwiwiliwinukunuku'oi'oi). He answers many of the questions that kids ask most: "What are the small beads of sand in the bottom of the tank? (sea cucumber poop); "Why do sea jellies sting?" (to catch their food); "Why don't the predators in the Hunters on the Reef exhibit eat the little fish?" (stop by and Wili will explain!).

## Mahalo Aquascapes



With help from freshwater aquarium expert Jojo Raquel of Aquascapes in Aiea, our Ornamental Aquaculture exhibit is looking much more, well — *fresh!* Aquarists Kelley Niide and Darryl Tangonan contacted Jojo after the exhibit began to develop major algae problems. Originally, they sought his advice on the type of plants to use, how to care for them and how to incorporate the plants with discus fish. Raquel donated his expertise to help design and set up the tank, as well as many other generous contributions to help make the exhibit possible. We gratefully thank Jojo and his family for their tremendous support!



PHOTO ABOVE (from L to R) Andy Winer, NOAA Director of External Affairs, Dr. Jane Lubchenco and Dr. Andrew Rossiter.

### NOAA at the Aquarium

On a recent trip to Hawai'i, Dr. Jane Lubchenco, Under Secretary of Commerce for Oceans and Atmosphere and NOAA Administrator, included a special visit to the Waikiki Aquarium. Dr. Lubchenco was in Honolulu to officially dedicate the NOAA facility on Ford Island and announce an upcoming conference involving NOAA, the Waikiki Aquarium and O'ahu Visitors Bureau. Dr. Lubchenco and staff viewed the NOAA-supported Northwestern Hawaiian Islands exhibit, classroom renovations, as well as Hō'ailona and KE18.

## 5th Annual Aloha Koi Society Koi Show



More than 3,000 people attended the 5th Annual International Koi show on February 18 and 19 to view hundreds of top-quality Koi that were on display. The event included educational seminars, keiki activities by the Japanese Cultural Center of Hawai'i and traditional Japanese koto and shakuhachi music. Mahalo to the Aloha Koi Appreciation Society for holding their annual event at the Waikiki Aquarium.



PHOTO ABOVE (from L to R) Mr. Kodama, Dr. Andrew Rossiter and Former Governor Ariyoshi.

## SeaHunt 2012

More than 1,500 people hopped on over to the Aquarium for SeaHunt on March 31 in celebration of the Easter holiday. Nearly 600 hunters searched the lawn for marine life puzzle pieces and earned magnetic wooden puzzles to take home. Each child received sea-life shaped animal crackers from Diamond Bakery and a toothbrush courtesy of HDS.

The Easter Bunny was busy in his burrow with a steady stream of visitors throughout the event. Diamond Bakery's Kimo the dolphin and Olina the octopus, Ronald McDonald, Chuck E. Cheese and Meadow Gold's Lani Moo were on hand to meet hunters and their families.

Performers from U.H. Mānoa Kennedy Theatre's production of *Ocean's Motion* greeted guests throughout the event. They provided creative warm-up dance activities for those waiting for their sea-hunts as well as a fun craft activity.

Special mahalo to event supporters: Diamond Bakery, Education Works, HDS, Chuck E. Cheese's, GP Roadway Solutions, McDonald's Hawai'i, U.H. Mānoa Kennedy Theatre's *Ocean's Motion* and Moms in Hawai'i.



### Ocean Mysteries

In early February, wildlife expert Jeff Corwin visited the Aquarium for a filming of *Ocean Mysteries*. The segment will feature the Aquarium's very own Makaonaona and marine mammal specialist Leah Kissel. With approval from NOAA for special filming, the episode will also focus on Hawaiian Green Sea Turtles, Hawaiian seabirds as well as Hawaiian Monk Seals. Corwin's hope is to educate people on the unique animals and environments of Hawai'i as well as inspire stewardship through the *Ocean Mysteries* Series. Be on the lookout for Maka and Leah later this spring!



# The newest members of the Aquarium 'ohana!



## Kate Holmes

### ADMINISTRATIVE ASSISTANT

**Education** B.S. in Justice Studies and Sociology, University of Idaho, Moscow, ID; Advanced Paralegal Certificate, Edmonds Community College, Lynnwood, WA.

**Roots** I was born and raised in the Seattle area.

**Interests** Ballroom dancing,

running, scrapbooking, reading Agatha Christie novels, watching black and white movies and spending time with my son.

**I wanted to join the Waikīkī Aquarium because** I came to visit my family a few years ago and spent a lot of time down here. I found it very peaceful and relaxing. I wanted to move here to be close to family. When I saw the job opportunity at the Waikīkī Aquarium I thought of growing up in Seattle and the marine life and my many visits to the Seattle Aquarium. One summer my family drove to Newport, Oregon to see Keiko the killer whale at the Oregon Coast Aquarium just days before he was moved to Iceland. I am very pleased to now be a Waikīkī Aquarium employee. It is a fine organization and a group of people that I am proud to be associated with.

**Favorite Aquarium resident** Nemo (clownfish)

**On a personal note** Despite popular belief, I am not married to Tom Cruise nor related to Sherlock Holmes.



## Kelsey Ige

### GRAPHICS COORDINATOR

**Education** Mililani High School (2005); A.A. in Liberal Arts, Leeward Community College (2007); B.F.A. in Graphic Design, U.H. Mānoa (2010).

**Roots** I grew up in Mililani and Wahiawa, the North Shore was the only shoreline I knew.

I spent a lot of time fishing with family at Haleiwa, camping in Mokule'ia, swimming at Kawela Bay and long walks (almost two-miles) with my dad at Kuilima (Turtle Bay) where he would free dive and throw net while I got sunburnt looking for shells and making sure my dog didn't dive into the water after my dad. Up until about four years ago, town was foreign to me.

**Interests** I have been dancing hula for 20 years, and Tahitian dance for eight years. I also enjoy photography, baking, crafts, and sewing.

**I wanted to join the Waikīkī Aquarium because** the ocean has been an important part of my life. I want to help communicate and promote the Aquarium's mission of education and ocean awareness through Graphic Design. I started with the Aquarium as a graphic design student assistant in 2007. I am thankful for the opportunity to start a career with two of my favorite things: creativity and the ocean.

**Favorite Aquarium resident** The juvenile commerson's frogfish.

**On a personal note** A lot of my independent and freelance projects focus on the perpetuation and appreciation of Hawai'i's local-plantation-pidgin culture. I enjoy researching, reading and talking with people about plantation life, its evolution, and where our local culture is today. And even, sometimes, interpreting it through design! I also have a fondness for Hawaiiana and midcentury antiques... my collection of vintage aloha shirts is getting out of hand.



## Mercedes Matthews

### VOLUNTEER PROGRAM COORDINATOR

**Education** Saugus High School, Saugus, CA; B.A. in Integrated Liberal Arts, Saint Mary's College of California, Moraga, CA.

**Roots** Before moving to Hawai'i, I spent most of my life in California—growing up in southern California and attending college in the Bay Area. I did live in Iowa for a year, but after surviving one Midwest winter I realized I'm much better suited to warm climates.

**Career Background** I've been involved with several non-profits on the mainland and here in Hawai'i. I worked with two AmeriCorps programs, one in which I supervised and traveled with a group of 10 volunteers as we supported organizations across the Midwest. I had the opportunity to coordinate volunteer groups from across the nation in New Orleans and for the Special Olympics US National Games. Most of my experience comes from being a volunteer as well as engaging others in volunteer service.

**Interests** I enjoy cooking and baking, but they're definitely more hobbies than talents... I can (almost) follow a recipe. It usually takes me a couple of tries before a dish turns out correctly. I try not to waste food though, so some of my meals are, well, interesting.

**I wanted to join the Waikīkī Aquarium because** I love being part of something that brings enjoyment and wonder to people's lives. It's very fulfilling to help others share their enthusiasm and provide opportunities so they can do what they're passionate about.

**Favorite Aquarium resident** I really like the different types of triggerfish. I was so excited when I spotted my first humuhumunukunukuāpua'a while snorkeling! The lagoon triggerfish at Edge of the Reef is my favorite, I always try to find it when I visit the volunteers.

**On a personal note** My interest in and appreciation for all things aquatic has greatly increased since starting at the Waikīkī Aquarium. I learn something new about the ocean or marine life every day!



## Karen Quinn

### ADMINISTRATIVE OFFICER

**Education** B.S. in Marine Biology, Hawai'i Pacific University (1999).

**Roots** I was born and raised in Georgia. The second third of my life was spent in the Washington, DC area. I've called Hawai'i home since 1994. I find that there are many similarities

between Hawai'i and Georgia. Both states have waters that have amazing animals in them and the people love their water sports and fishing. Georgia, like Hawai'i, has its fair share of beautiful beaches. Family and food are extremely important in both states. I was pleasantly surprised when I arrived in Hawai'i and found I could buy boiled peanuts.

**Career Background** Most of my 30+ years of working has been spent in various administrative positions both here in Hawai'i and in the Washington, DC area. I've worked for the University since 2000. I came to the Aquarium in 2007 as Dr. Rossiter's Administrative Assistant. This past summer, I transitioned to be the Administrative Officer.

**Interests** I love cooking and entertaining. I recently learned the proper techniques behind swimming and I now enjoy swimming at Kaimana Beach.

**I wanted to join the Waikīkī Aquarium because** from my earliest memories, the water played a huge role in my life. I jumped at the opportunity to work for an organization whose mission is so closely aligned with my own beliefs.

**Favorite Aquarium resident** I love watching the jellies. However, just being down in the galleries watching any of our exhibits significantly reduces my stress level.

**On a personal note** I recently started skyping with my grandkids. This makes it a little easier to live 5,000 miles away. This past summer my oldest granddaughter, Mary, came to Hawai'i for a two-week visit. The second week she attended the Aquarium's Summer Camp. She absolutely loved it! Mary was talking about coming back next summer (for Summer Camp) even before she got on the plane to go back to Alabama.



# Not Your Ordinary Gallery

Inspiration will find you when you are surrounded by what you love. Each day, our volunteers reveal to visitors the beautiful, lush underwater habitats; shining, vibrant colors and rare animals framed by the Aquarium’s galleries. This *Kilo i’a* we feature three of our volunteer Creatives. Their media of choice vary, but they share a common love for marine life and an affinity (and talent) for representing its beauty through carefully crafted art.



**Michelle du Prel**  
Volunteer since 2008  
Edge of the Reef Interpreter, Docent

**Michelle du Prel’s** collection of animal watercolors has grown to 300 pieces, each profile a part of a growing archive of Aquarium residents spanning the last five years. The beautiful watercolor pieces are incredibly accurate, complete with detailed scientific descriptions of each animal. What’s even more beautifully amazing? Michelle is color-blind (Daltonism), seeing only yellow, blue, white and black. “Everyone has helped,” du Prel said. Volunteer colleagues help her describe the intricate color details of her subjects. Michelle has spent most of her 79 years getting to know the sea. Originally from France, she spent more than 25 years in Bora Bora and Ra’iatea, French Polynesia, eventually docking in Hawai’i via the Caribbean. These days, you will find her (and her little yellow sketchpad) in the Aquarium’s galleries. Staff and fellow volunteers have been lucky recipients of and participants in Michelle’s art, which began as a personal learning tool. “This permits me to talk to people in the gallery. I know the fish... not only the name of the fish, but where each fish came from, its habits... so I became much better in the gallery,” says Michelle. “I’m attached to them. I remember when I did every single one.”



**Allen Tsukamoto**  
Volunteer since 1985  
Docent, Special Events

**Allen Tsukamoto’s** artistic goal? To help children learn about fish. Although his illustrations may be stylized, Allen’s mnemonic drawings are based on the physical characteristics of a given fish. His clever illustrations leave an impression and help kids recognize fish in real life, “A child should be able to recognize fish even if it has hands, or a brush for a tail,” said Tsukamoto. Allen’s artistic career began as a sign artist for the U.S. Air Force, followed by years as a professional sign designer in Honolulu. He has been illustrating for *Hawai’i Fishing News* for the past 30 years. After wanting to learn more jokes from “fish people” for his cartoons, a friend suggested he attend a presentation at the Aquarium. He has been creating visual aids for the Aquarium’s Education Department and donating his talents ever since. Allen can be found during special events at the Aquarium taking “scribble challenges” with youngsters: kids provide a scribble, and Allen creates a fish based off of that scribble. They almost always come back for a rematch. “The main thing is to have children be inquisitive about fish and the ocean,” he said.

*Check out one of Allen’s illustrations on page 13!*



**Erika Wyrtki**  
Volunteer since 1974  
Docent, Natural Selections Gift Shop

**Erika Wyrtki** has learned the importance of carefully removing *limu* (seaweed), whether invasive or not. “While collecting, I met some Hawaiian women who taught me to remove the limu, not to rip the roots,” said Wyrtki. She began collecting limu in the 70’s and started pressing limu in 1975, learning basic technique from books. “All my pressed limu prints I sell are from 30-40 years ago,” says Erika, who finds more and more invasive species where native species were once abundant. She spent some time volunteering with the Bishop Museum’s Botany Department where she took care of limu specimens and worked alongside limu experts such as the late Dr. Isabella Abbott. Her pressed limu were first showcased in *Kilo i’a* issue No. 9, March 1979 (And yes, she has issue #9 to prove it!). Recently, her work has been featured on ‘Olelo TV and is sold in the Natural Selection Gift Shop, as well as in many local shops around O’ahu and on Maui. Erika delights in her limu collection of 52 different species, “People think limu is icky, but I saw the beauty and delicateness of limu. Once I spread the limu out for people, they see how beautiful it is.”

The Waikiki Aquarium is fortunate to have so many talented individuals donating countless hours to carry out our mission of education and conservation. Michelle, Allen and Erika are three of 200 active volunteers at the Aquarium. Volunteers provide more than 15,000 hours every year and are the backbone of our educational outreach. *Interested in volunteering? For more information, contact Volunteer Coordinator Mercedes Matthews at 440-9020.*

**Small Fry**  
Apr 4-May 2, Wed  
**A Session** 8:30-10:00 a.m.  
**B Session** 10:30 a.m.-noon  
For the youngest learners. An adult and their 1- to 3-year-old team up to discover the amazing undersea world of the Aquarium. Five weekly sessions include crafts, song, play and exploration of the exhibits. For adult-child teams. \$60/adult & child (\$80 for non-members).

**Mauka to Makai - Earth Day**  
Apr 14, Sat 9:00 a.m.-2:00 p.m.  
Join us as we celebrate Earth Day. Enjoy keiki crafts, games and educational materials, as well as our annual juvenile Moi release into the waters of the Marine Life Conservation District in front of the Aquarium. Free Admission.

**Marine Munchies**  
Apr 30, Mon 4:30-6:00 p.m.  
May 14, Mon 4:30-6:00 p.m.  
Discover animals’ adaptations for capturing their meals and what they eat here at the Aquarium. Included is an exclusive after-hours animal feeding. Watch the octopus open a jar to get its dinner. Then it’s your turn to feed the animals in our Edge of the Reef exhibit. Minimum age 5 years; youngsters must be accompanied by an adult. \$16/adult, \$12/child (\$20/\$15 for non-members).

**Seasons and the Sea**  
May 1\*, Tue 6:00-7:00 p.m. (sunset observance)  
Join us as we celebrate change from wet (*ho’olio*) to dry (*kau*) season. Kumu ‘Olu Gon and Hālau Mele welcome in the new season

through chant, hula and *mo’olelo* (storytelling) as the sun sets into the crown of Pu’u O Kapolei. The event is free. *\*Due to leap year, one day earlier.*

**Dive-in!**  
May 4, Fri 9:00 a.m.-12:00 p.m.  
May 5, Sat 9:00 a.m.-12:00 p.m.  
Waikiki Dive Center and American Underwater Products will showcase their newest products. Check out the latest in scuba and snorkeling gear. <http://www.waquarium.org/member-special-offers.html>

**Summer by the Sea**  
**June 4-8**  
Mon-Thu 8:30 a.m.-3:30 p.m.  
Fri 8:30 a.m.-5:00 p.m.  
**June 18-22**  
Mon-Thu 8:30 a.m.-3:30 p.m.  
Fri 8:30 a.m.-5:00 p.m.  
Spend a week of summer learning what lives in Hawaiian waters. What’s the best way to learn? By doing! Snorkel, swim and explore the coast from Waikiki to Diamond Head. After a morning of outside adventures, the Aquarium turns into a classroom. Learn about the animals in our exhibits and watch them being fed on special behind-the-scenes tours. For marine biologists ages 8-12 years. All students should be confident swimmers and enjoy snorkeling. \$250/child (\$300 for non-members).

**Aquarium After Dark**  
June 12, Tue 7:00-9:00 p.m.  
June 26, Tue 7:00-9:00 p.m.  
July 13, Fri 7:00-9:00 p.m.  
Discover if fish sleep on an after-dark flashlight tour of the Aquarium. Find the sleeping spot

for the red-toothed triggerfish or the rock-mover wrasse. What color are yellow tang at night? Minimum age 5 years; youngsters must be accompanied by an adult. \$10/adult, \$7/child (\$14/10 for non-members).

**Ke Kani o ke Kai**  
June 14, 28, July 12, 26, Aug 9  
Summer wouldn’t be the same without the Aquarium’s summer concert series, Ke Kani o ke Kai. Join us Thursday evenings on the lawn for the best in Island music, served up with ‘ono food from local restaurants. Watch your mailbox for more info.

**Beginning Fish Watching**  
June 13, Wed 3:00-3:45 p.m.  
June 23, Tue 3:00-3:45 p.m.  
July 10, Tue 3:00-3:45 p.m.  
Get ready for summer with a review of the common fish and invertebrates seen in shallow water along the South Shore of O’ahu. A great learning experience for visitors a good review for residents. For snorkelers of all ages (that can sit through a 45 minute class). \$2 plus admission to the Aquarium.

**Monk Seal Mania**  
July 12, Thu 3:00-3:45 p.m.  
July 19, Thu 3:00-3:45 p.m.  
July 26, Thu 3:00-3:45 p.m.  
With the arrival of Hō’ailona to Waikiki Aquarium, it’s time to learn more about Hawaiian Monk seals. What do seals eat? How long do they hold their breath? How many are there? What can I do to help? Designed for audiences ages 7 and up, but anyone who is interested is invited to come. \$2/person (plus admission to the Aquarium).

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24	25	26	27	28	29	30

**Look for class updates on:**  
**[www.waquarium.org](http://www.waquarium.org)**  
**PRE-REGISTRATION REQUIRED**

## ACTIVITY REGISTRATION FORM

NAME(S) \_\_\_\_\_  
Adults \_\_\_\_\_ Phone (Home) \_\_\_\_\_  
Children/Ages \_\_\_\_\_ Phone (Work) \_\_\_\_\_  
Address \_\_\_\_\_  
City/State/Zip \_\_\_\_\_ Email \_\_\_\_\_

### PLEASE REGISTER ME FOR

Activity	Session	Date(s)	Number of Adults/Children	Price
_____	/	_____	_____	_____
_____	/	_____	_____	_____
_____	/	_____	_____	_____
_____	/	_____	_____	_____

Total amount of payment enclosed (check payable to “University of Hawai’i”):

### IF PAYING BY CREDIT CARD

Credit card # \_\_\_\_\_ ☐ VISA ☐ MC  
Expiration Date \_\_\_\_\_ Last three digits of security code on back of card \_\_\_\_\_  
I am a FOWA Member ☐ Yes ☐ No





### Hey! Howzit?

It's not only the new guy who gets a chance to speak in this newsletter! Last issue you heard from that kid KP2, or Hō'ailona, the new resident at the Aquarium. Me? I'm **KE18**, and am just passing through. I'm 9 years old, and have made the headlines, but for the wrong reasons. I'm the male seal they have categorized as 'aggressive', because I killed a few pups on Laysan Island and at Midway. Why? I don't know – it's just something I do! And please don't be judgemental – I am an animal, after all. I've had an 'interesting' upbringing and have 'been in trouble' numerous times, you might say, as evidenced by the numerous scars on my back. And check out my favorite – the scar on my chest from a shark bite. Macho, eh! I was becoming such a nuisance that, in August last year, they even sent a team to terminate me, but I was tipped off and moved to another island where they couldn't find me. Heh, heh! But you can't run forever. In February they found me on Midway Island, caught me, and flew me to the Waikiki Aquarium. Pretty good accommodation and great meals, I must say, but I'm here only for a few weeks while they get my new home ready at Long Marine Laboratory of the University of California at Santa Cruz. I'll spend the rest of my days there receiving TLC and participating in their research program. Peace, at last, for all concerned!

**-KE18**

\*Postscript: KE18 was flown to California on March 22 and has already settled in to his new enclosure.



### REGISTRATION INFORMATION

- » Pre-registration is recommended.
- » FOWA members are allowed up to four total registrants at FOWA rate.
- » Questions about the activities? Call the Waikiki Aquarium Education Department at **440-9007**.
- » A handling fee of \$5 will be assessed for withdrawals.
- » No refunds can be made for no-shows or for withdrawals made seven days or less before an activity.

To register by phone:

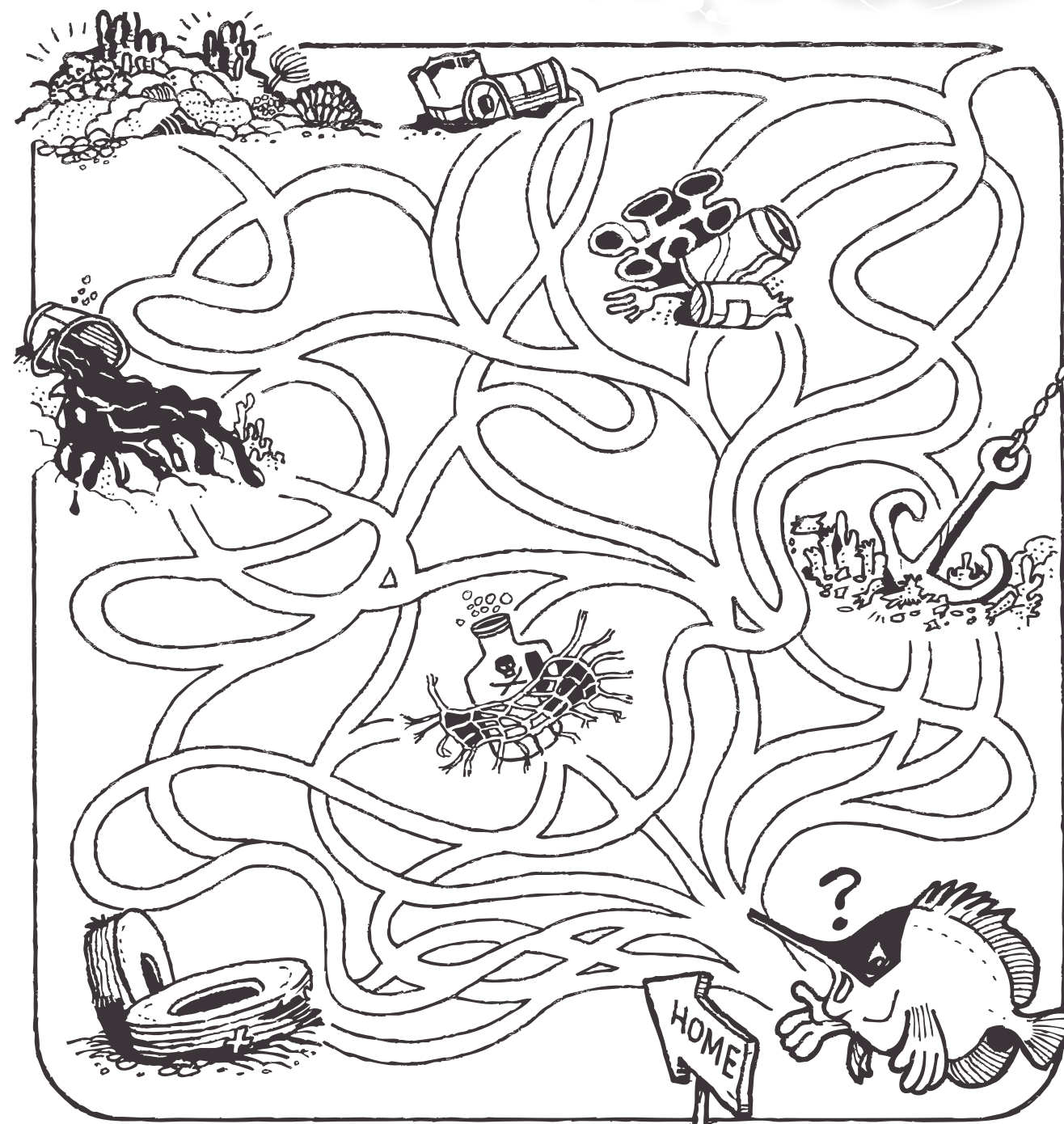
- » Call **440-9011**. Visa and Mastercard are accepted.

To register by mail:

- » Full payment must accompany completed registration forms. Please, no cash.
- » Make checks payable to University of Hawai'i. Visa and Mastercard are also accepted.
- » Mail the completed registration form with a check or credit card information to:

Waikiki Aquarium  
Education Department  
2777 Kalākaua Avenue  
Honolulu, Hawai'i 96815-4027

# SEA SQUIRTS



Artwork by A. Tsukamoto

## KEEP OUR CORAL REEFS CLEAN!

Help the lauiliwilinukunuku'oi'oi find its home.



NEW & RENEWING FOWA MEMBERS

The Membership Office recorded these new and renewing memberships between Nov. 17, 2011 and Mar. 1, 2012.

John Aalto  
Mr. and Mrs. Larry Adams  
Dudley & Sharon Akama  
Chris Akiyama  
Ms. Geraldine Aluli & Ms. Monica McConnell  
Darius Amjadi & Beverly Davis  
Andy Ancheta  
Whitney Andersen & Kevin McCallum  
Mark & Caroline Anderson  
Dr. Bud Antonelis & Ms. Brandy Antonelis  
Dale Armstrong  
Drs. Kuhio & Claire Asam  
Andres Autrique  
Mrs. Pat Axelrod  
Mr. Val Baliad  
Jennifer Barrett & Dianne Barrett  
Brad & Anita Barshaw  
Ms. Lauren L. Bartels  
Brenda L. Becker  
Dr. & Mrs. Charles Benn  
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If your name is not listed or is listed incorrectly, please accept our apologies for the error and our most sincere thanks for your support.

WALL OF FAME »AUGUST 2011 TO FEBRUARY 2012

The beautiful exhibits at the Waikiki Aquarium and the valuable research and conservation efforts that go on behind the scenes and in the classroom are the result of the work of many. Here we recognize those who support us through their generous donations. Our thanks to all those who believe in what we do.

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Marcus and Emma Boland  
Jane C. Chung  
Dolores Clark



Hawai’i’s Best

In the summer of 2011, thousands of ballots were cast by readers of the Star-Advertiser (average readership: 500,000 per week) deeming Hanauma Bay 3rd best Tourist Attraction in the paper’s “Hawai’i’s Best” People’s Choice Awards. The Hanauma Bay Gift Shop, affiliated with and run by the Waikiki Aquarium, proudly displays the award. Visit our fishy friends in the Nature Preserve (and our not-so-fishy Gift Shop friends) to congratulate them!

**Grants for Good!**  
Mahalo to Carol Ching, for her loyal volunteer service and monetary contribution to Friends of Waikiki Aquarium (FOWA) through **Chevron’s Humankind Grants for Good**. Chevron Humankind provides matching financial contributions for its current and retired employee’s volunteer time with nonprofit organizations. Through Chevron’s Grants for Good program, an employee or retiree may volunteer 20 hours for a single nonprofit organization (like the Waikiki Aquarium).  
Other companies that offer similar gift matching programs include Starbucks, Home Depot, Alexander & Baldwin Foundation, and many more! Building upon the support you already provide, company gift matching programs are a great way to extend your impact. As a 501 (c)(3), FOWA qualifies as a recipient for such programs. If you have any questions regarding matching grants, please check with your employer or contact MaryLou Foley at 440-9027.





## THE WAIKĪKĪ AQUARIUM'S MISSION

To inspire and promote understanding, appreciation and conservation of Pacific marine life.

PHOTO: Fimbriated Moray (*Gymnothorax fimbriatus*)  
by Laurent Boillon, CCEF; Batangas, Philippines;  
courtesy of Vangie White.



**University of Hawai'i at Mānoa  
Waikiki Aquarium  
2777 Kalākaua Avenue  
Honolulu, HI 96815-4027**

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