

March

2016

April



PRESIDENTS REPORT

Aloha everyone,

I am pleased to report that changes have been made that should help maintenance and repairs be completed in a more timely manner. We look forward to continuing to work with DPR and the City to improve conditions at the Bay and ensure transparency in the use of the Hanauma Bay Fund.

We have renewed our commitment to be active in the community. Our quarterly clean up and trip to NOAA were great successes. You can read more about them in this newsletter. I appeared on 'Olelo with Alan Hong and Robin Bond to discuss the Friends beginnings, our activities and how we supported Hanauma Bay's transition from a park to a nature preserve. Our thanks to Elizabeth Reilly of Livable Hawaii Kai Hui for organizing the appearance and Natalie Iwasa for hosting the show. We'll notify you when we know the dates the program will air.

We participated in the Science and Engineering Fair March 28 – 30 and awarded a Junior and a Senior Project winner with Friends of Hanauma Bay awards for Marine Related Research. It is always amazing to see the innovative and sophisticated research done by young school students who will become tomorrow's leaders in the fields of marine biology, environmental science, conservation, and engineering.

We will also be participating in the Kaiser High School Earthfest on 22 April and the Waikiki Aquarium's Mauka to Makai Environmental Expo on 23 April. Please contact Anke Roberts, our Outreach Coordinator, if you would like to help with these exciting community outreach opportunities.

And finally, I am grateful and thank our members and many others in the community for supporting the Bay during an

Schedule of Events

FRIENDS BOARD MEETINGS

April 13

May 18

June 15

Hawaii Kai Library 5:30 pm
Summer Location May Change
Contact Us for Information

2016 CLEAN UPS

Saturday, May 14, 2016

Saturday, August 13, 2016

Saturday, November 12, 2016

April 22

Earthfest at Kaiser High School

April 23

Mauka to Makai Environmental
Expo

HBEP SUNDAY EDUCATION PROGRAM

April 3 – Monitoring and Research
of an Urban Shearwater Colony at
the Freeman Seabird Preserve

April 10 – The Bristle-thighed
Curlews of O'ahu's North Shore

April 17 – Wisdom Prevails

April 24 – Feeding Ecology and
Trophic Relationships of Hawaii's
Tropical Seabirds

2016 FOHB Board

Lisa Bishop, President
Bob Kern, Vice President
Micki Stash, Secretary
David Chong, Treasurer
Sid McWhirter
Pam Weiant
Geoffrey Johnson
Anke Roberts, Outreach Coordinator
Dick Baker, Emeritus

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PLEASE NOTE OUR NEW MAILING ADDRESS

Friends of Hanauma Bay
PO Box 25761
Honolulu, Hawaii 96825-0761

Joke of the Month

What are the strongest sea creatures?

Mussels

important time in its history. Banding together, our community successfully protected the Bay from an attempt to dramatically commercialize the nature preserve. We remain vigilant and know that if necessary, we can count on your help again.

Please don't hesitate to email me with any suggestions or questions.

Lisa Bishop, President
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lisa.fohb@gmail.com

LEGACY

Over the course of many years, volunteers with green thumbs and a love of Hanauma Bay have put a lot of time and effort into beautifying the lower level of the nature preserve.

Weeding out large areas behind the beach, strategically placing loose stones, and eventually planting native Hawaiian plants like Naupaka, Kahakai, Pohinahina, 'Ulei and Milo, the beach area has been transformed into an inviting and pleasant space that visitors and residents can enjoy. But as all gardeners know, the real challenge is not the planting, its upkeep and maintenance. Although several of the original volunteers are unable to continue or have passed away, their legacy of caring for the Bay carries on.

Among the first group to start the volunteer landscaping efforts were Chuck and Carol Harms, who hailed from Evanston, IL. The family had owned a landscaping business and Chuck is a retired engineer. They shaped the planting we see today at the beach area, bringing in fill and putting in much of the grass. Chuck and Carol worked together on Tuesdays when the Bay is closed and before Carol passed away, Chuck worked on other days, as well. They both agreed -- weeding at Hanauma Bay was their form of mental therapy.

Others who helped greatly with landscaping the lower level included Ron Walker, a retired State Biologist, who had worked with seabird sanctuaries and Roy Gritter, a retired Chemist for IBM where he helped develop materials

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for building computers. As most of us know, Roy also did much of the painting and upkeep throughout the Bay. You can read more about Roy in our May / June 2014 newsletter on our website www.friendsofhanauababay.org. Sadly Ron and Roy have passed away as has Nancy Inouye who helped plant native loulou palms. Ron, Roy and Nancy's legacy has been carried on by Bea Koyasu, her sister Jane, Rob Murphy and Dennis Manalili.

During the February cleanup organized by the Friends, students from Hawaii Pacific University and the UH Manoa Accounting Club took on the area below the cliff from the Education Kiosk past the second bathroom. They spent two hours pulling out weeds and invasive plants like Chinese Violet, and trimmed back some of the Naupaka Kahakai and Pohinahina that had grown several feet onto the grass area. Led by Dennis Manalili, a retired O'ahu school principal, who when here during the winter months also volunteers with HBEP, the students learned about invasive plants and their ability to choke out native vegetation. The impact of their work was immediately visible allowing the students to take great pride in their work. The difference was so dramatic that we've decided to include this area in our quarterly cleanups to ensure the landscaping is maintained and visitors have more space to enjoy the beach area and find some shade.

Dennis dedicates several hours each week to pruning and removing invasive plants. But the work required to maintain the areas planted by volunteers is simply too much for one person. We are looking for others who are passionate about native plants and beautifying Hanauma Bay. If you are interested in helping, please contact me at outreach@friendsofhanauababay.org --- Anke Roberts ---

SPIDER FISH ?

Not just for the fishes, Hanauma Bay Nature Preserve is home for many creatures. These are common garden spiders. Not native, they probably arrived from Guam or Taiwan. These inhabitants are thriving at the Bay but we'll keep the secret of where they are. People have been seen trying to destroy their webs. Other interesting creatures live in the nature preserve. Maybe we'll do a piece about them, too. But not the pigeons !



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ANOTHER (VERY) SUCCESSFUL CLEANUP



In February, a record 152 volunteers arrived to clean up and beautify the already beautiful nature preserve. Pictured are groups from Canon USA, students from the UH Accounting Club and the Hawaii Kai Lions and Leo Club.

Also helping were members of the U.S. Navy and their families, HPU students and our always loyal fishing club members.

Cigarette butts and plastic bags continue to be the two most found items. We hope that data collected from our cleanups will be helpful to Bay management and the City for future planning.

For more clean up pictures go to www.facebook.com/hanauma
https://www.dropbox.com/sh/2ejxdq9831d36f/AAAGT9x7izaTSE4_jZ3WZvTga?dl=0

LOST AND FOUND

Maybe the most interesting find at any of our cleanups so far, this old timer was rescued after what looks like a good deal of time in the water.



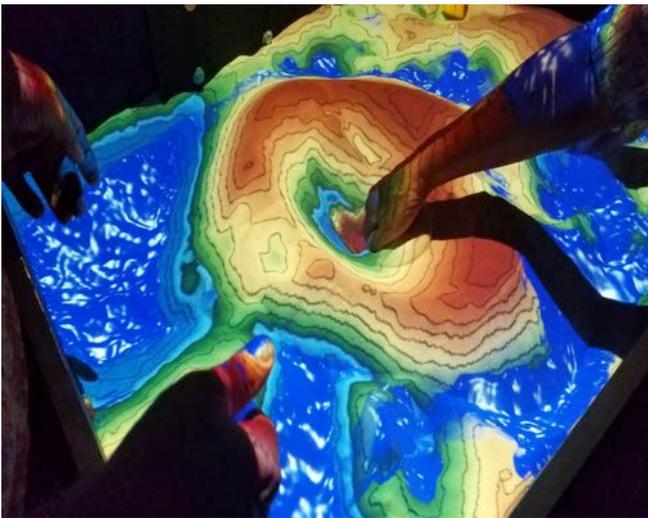
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NOAA TRIP

On March 24 we visited the NOAA Daniel K. Inouye Regional Center for a tour of the facility. And what a tour it was! Great thanks to guides Patty Miller, NOAA's outreach coordinator, and Scientist Bruce Mundy. Nineteen Friends members and two former NOAA employees from Seattle tagged along. We toured science labs and learned about NOAA activities around the world. The most fun and interesting was the Sandbox. Yes, that is all sand that can be shaped and molded as you like to see how water flows in and around obstacles in its path. Who says sandboxes are for kids? For more pictures and video of Lisa creating Hanauma Bay in the Sandbox go to <https://www.facebook.com/hanauma/> or <https://www.dropbox.com/sh/duqv3v1aptpsm1a/AAANGG5eqUvNXUvgMlk7Vh3La?dl=0>



THE SAND BOX



IN THE LAB – A SCIENTIFIC DRAWING



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HAWAII STATE SCIENCE AND ENGINEERING FAIR

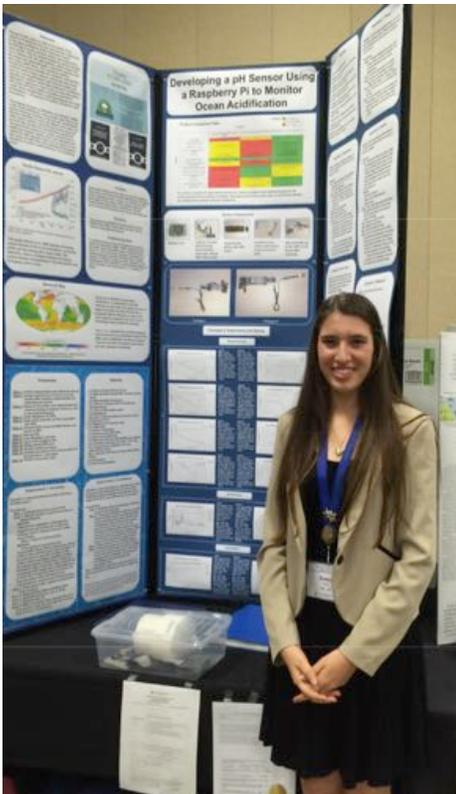
As part of our mission to support marine education, the Friends participated in the Hawaii State Science Fair, judging and awarding prizes for students curious enough to explore ocean related topics. As in years past, there were lots of excellent studies. Friends judges, Sid and Pam had a tough assignment picking from all the great research projects. And, in the process, they learned from the young scientists. Lisa presented the junior and senior winners with Certificates of Achievement, monetary rewards, John Hoover's Ultimate Guide Fish Book and a complimentary membership with the Friends. This year's senior winner is last year's junior winner, Evelyn Haase from Molokai Intermediate / High School. Junior winner Mariko Quinn is from King Intermediate School. Congratulations Evelyn and Mariko and to their teachers Malia Lee and Tina Chen for supporting marine research.



JUDGING

Sid and Pam listen to a young scientist explain how sunscreen affects plants. When sunscreen is put on plants it blocks the sun like it's supposed to. But that affects the amount of oxygen the plant gives off. Does this have implications for the ocean?

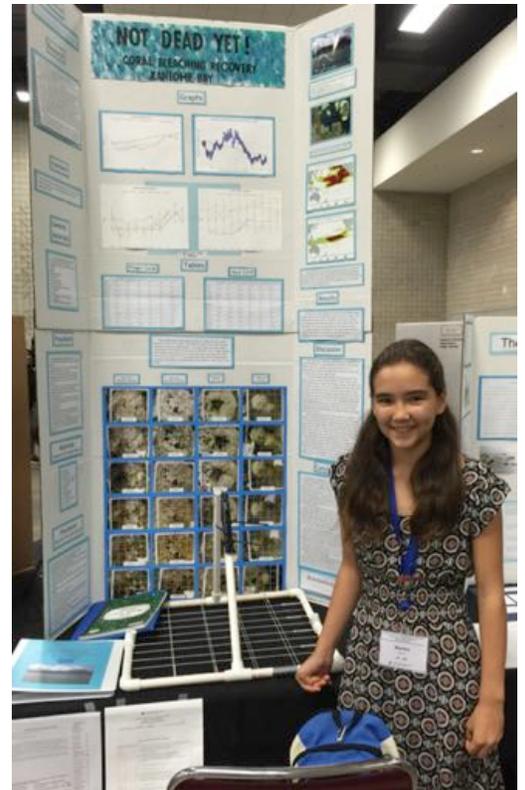
Friends President Lisa Bishop With Our 2016 HSSEF Winners



PROJECTS

Left – Evelyn Haase
“Developing a pH Sensor
Using a Raspberry Pi to
Monitor Ocean Acidification”

Right – Mariko Quinn
“Not Dead Yet – Coral
Bleaching Recovery in
Kaneohe Bay”



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NEIGHBORHOOD WATCH – IN ACTION AT THE BAY



WHAT YOU WANT

We are in the process of preparing a survey to find out what you would like to see us doing in the future. We'll let you know when it's ready and hope you'll help us make what we do more relevant to your wants and needs.

CONTACT US

For General Information, Comments or Suggestions info@friendsofhanauabay.org

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