

Liloa Dunn named grounds manager

My name is Līloa Makinney Dunn and I would like to formally introduce myself as the new grounds manager at the Lyon Arboretum!

I'm sure those who have been part of the Lyon Family have seen me around in my previous capacity as the Arboretum's Ethnobotanist, but don't know much about me ... well here is your chance! I have been working at the Arboretum since 2006 taking care of both the Beatrice Krauss Hawaiian Ethnobotanical Garden and Hawaiian Section. Prior to that, I worked at NTBG as a research technician on the Marquesan Flora Project.

I graduated from the University of Hawai'i at Mānoa with a BA in Hawaiian Studies ('95) and MS in Botany ('05). I was born and raised on the island of O'ahu in Niu Valley. I spent a great deal of my childhood on the islands of Hawai'i, Kaua'i and in my early teens on the island of Huahine in French Polynesia. My academic interests include Hawaiian and Polynesian Ethnobotany with a strong emphasis on Polynesian crop varieties, traditional agricultural and agroforestry systems and traditional ecological knowledge. Equally, my other interests include Hawaiian and Eastern Polynesian floristics, island biogeography and conservation.

In my free time, I love to surf, play music and spending time with my family. I love Lyon Arboretum and I consider it a real jewel tucked away in the back of Mānoa. I have worked under three directors and two grounds man-



Liloa Makinney Dunn is the new grounds manager at the Lyon Arboretum.

agers during my time here, including the one and only Ray Baker. Although, Ray's shoes are a little big for me now, I do hope to grow into them over time and I look forward to the challenge. I have a real, achievable vision for the arboretum in terms of our plant collection that builds on the philosophy of those who have come before me while moving forward and aligning us with current trends in conservation in the face of global warming and loss of biological and cultural diversity.

I am always available for any questions or if you have any comments regarding our work on the grounds, just stop by and chat me up!

Lyon seed lab featured in UH News video



Lyon Arboretum's Seed Conservation Laboratory was recently featured in the UH News article and video, "Saving endangered Native Hawaiian plants one seed at a time."

Visit www.hawaii.edu/news/2015/04/29/saving-endangered-native-hawaiian-plants-one-seed-at-a-time to read more and view the video.

From the Director's Desk

Aloha mai kākou! I have just completed my first year as interim Director of Lyon Arboretum, which has been a challenging, rewarding and very happy time in my life. It is a joy to come to work each day at this beautiful place.



A significant accomplishment during the past few months has been the completion of the first phase of the Albizia project, with 15 large trees removed. These areas of the Arboretum are remarkably different now, being much more open and sunny. While there is some sun-burning of shade loving plants, many others are thriving with increased flowering and fruiting. Re-planting has started in the area where the trees were removed, to create an attractive, diverse and highly accessible new section of the Arboretum. Another amazing difference is the condition of the Main Road and Harrison Drive. The road has been leveled and graded to drain runoff water to newly installed swales. The road has been topped with compacted course aggregate stones to create a very walkable surface. This will not be the final surface of the road, which will be finished after the Trails Project design is completed. But it does already make this section of the Arboretum much more accessible. A dry stack wall using large stones has been installed to stabilize the inner slope of the main road at the first big bend. The images below give a sense of the new look of our roads.

Lyon Arboretum staff has been successful in receiving funding for a variety of 2015 summer internships, which are currently being advertised. KUPU is helping to sponsor two week-long group internships and an eight week individual internship here this summer to work on conservation and natural resource management. The Garden Club of Honolulu is funding a horticultural intern to learn greenhouse management

as well as field planting of native, ethnobotanical and horticultural plants. The education department will host a summer intern to develop a prototype digital database and archival system for Lyon Arboretum's huge collection of photographs and images. Another

intern will work with the Hawaiian Rare Plant Program at the Arboretum to help collect and input data to list additional species in the IUCN "red list" of endangered plants. We are delighted to be able to help train so many students in these important topics.

And speaking of our staff, we have some new faces and new roles here at Lyon Arboretum. Tristan William joined us in March as our Arborist, the first of several arboricultural (tree work) positions we will hire this year. Tristan is originally from Wales and comes to us with great training and experience in arboriculture from the UK. Also we have completed our search for a new grounds manager with the hiring of Liloa Dunn on May 1st. Liloa has been acting grounds manager since Fall 2013

and was hired in 2006 as an Ethnobotanist here at Lyon. We are excited to have him permanently assume this important position. Over the next few months we hope to hire an Assistant Arborist, a Horticulturist and another Arborist. Things are looking up for our grounds department which will double in size this year. Sadly however, we are also losing a long-time grounds staff member in Hajime Fujisaki who leaves us to return to Japan this June. Hajime will be greatly missed.

A major upcoming event here at Lyon Arboretum will be the "Lyon in Summer" gala, scheduled for July 11, 2015 and sponsored by the Friends of Lyon Arboretum. Please join us for this evening of dining and entertainment in this tropical garden setting. Also with the whole Arboretum reopened, take a break this summer to hike our trails, visit your favorite spots and refresh your spirit!

Mahalo nui,

A handwritten signature in black ink that reads "Carl Evensen". The signature is written in a cursive, flowing style.

– Carl Evensen



Rock wall and main road at the first big bend.

Lyon in Summer to support strategic plan

Aloha Friends of Lyon Arboretum!

We are quickly approaching our annual fundraiser called Lyon in Summer this July 11th. The event is a special time for the Friends of Lyon Arboretum to celebrate our mission with many wonderful guests. This year's event will support the strategic plan of the Arboretum, that is making great progress.

Some of the strategic activities that are obvious around the grounds include the removal of the albizia trees, construction of the Ulu Garden, completion of the gazebo, added trail signage and many upgrades. The Hawaii rare plant program conservation lab and micropropagation lab are significant components of the overall strategic plan that the Friends of Lyon Arboretum continue to actively support. Additional facilities that are under



consideration include an educational facility with an interactive library and a possible visiting researcher housing facility.

All of these concepts require the careful master planning to integrate the design into a cohesive vision for many years to come. The dedicated Board

members are planning a wonderful fundraiser this July to bring the strategic plan to fruition. We invite you to join us at this amazing event.

The Friends of Lyon Arboretum depend on the generosity and ongoing support of members to make this vision a reality. We are actively growing our membership to share this amazing place with our community and visitors from abroad. I encourage you to visit the Arboretum with a friend and share the rare and exotic plants that make the Lyon Arboretum a

unique place. Please consider becoming a member by picking up an application in the gift shop or online at FriendsOfLyon.org under Membership.

On behalf of the entire Board of the Friends of Lyon Arboretum, mahalo for your continued support.

— Paul Sibley

Correction from Spring issue:

Susan Ing has worked in the past as an electrical design engineer with the US Department of the Navy and as an international and federal finance and contract administrator for Hawaiian Telephone Company. An active community volunteer, she has previously served on the Boards of the Academy of Arts Guild and The Contemporary Museum Friends, KCAA Preschools of Hawaii, Central Union Preschool and Punahou School's Parent Faculty Association. She has chaired a number of non-profit organizations' fundraisers and is currently a National Council member with the World Wildlife Fund.

FLA Member Donations

Koa

\$500 & above

David McCauley
Alice Tucker

'Ohi'a Lehua

\$250 - \$500

Janet Zisk

'Ilima Level

up to \$250

Randi Creamer
Lani Hearn
Lea Heide
Janet Henderson
Hsin Hsieh
Daniel Katayama
Helen Nakano
Richard Quinn
Barbara Tom
Gary Tucker
Noreen Van Horn
Lynette Wageman



The Friends of Lyon Arboretum
invite you to attend

Lyon in Summer

"Collection of Treasures 2015"
A benefit for
Harold L. Lyon Arboretum
University of Hawai'i-Mānoa

Saturday, July 11, 2015
4:00 pm – 8:00 pm

Harold L. Lyon Arboretum
3860 Mānoa Road

Treasure Hunt starting at 4:00 pm
Dinner at 6:00 pm
Expedition Chic Attire/Flat Shoes Suggested

Valet parking at Paradise Park
Shuttle service to Arboretum beginning at 3:30 pm

Sponsorship Levels

Royal Palm – \$5,000

Preferred seating for 10,
VIP table service,
fine wine, special table treat-
ment, and a tour of the gar-
dens with Lyon Arboretum
director Dr. Carl Evensen.

Areca Palm – \$2,000

Reserved seating for 10,
buffet service.

Individual – \$200

Individual tickets may be pur-
chased, if available. Includes
buffet service.

Call 988-0464 to make reser-
vations or for more informa-
tion.



Lyon Classes

Yoga In The Garden

Instructor: Amanda Painter

Come refresh the mind and body with a beautiful hike through Lyon Arboretum followed by a yoga class in our open-air classroom. Explore the Arboretum trails and indulge the senses in glorious green hues, earthy rainforest smells, and raucous calls of cockatoos! Then unwind in an all levels Hatha yoga class to explore in our bodies the shapes we see outside. Amanda Painter is a trained Lyon Arboretum guide and Yoga Instructor at Open Space Yoga and Yoga Hawai`i. Meet at 12:00 in the classroom, bring a yoga mat. Class meets on the second Saturday of each month. Sign up for one class or all 4. Each class will focus on a different theme and expression. Class size is limited, so sign up early.

Yoga 2: Saturday June 13	12-2:45	\$20
Yoga 3: Saturday Aug. 8	12-2:45	\$20
Yoga 4: Saturday Sept. 12	12-2:45	\$20

Designing Your Landscape: Native Plants, Veggies, Fruit Trees and Ornamentals

Instructor: Heidi Bornhorst

Want to have more fun in your garden? Want a garden oasis that you love coming home to, a moonlit garden or just more "curb appeal"? Like Native Hawaiian plants, herbs, fruit trees, veggies, lei or cut flower gardens? Landscaping should be easy and fun and your garden can be easier to maintain. Learn about simple and practical landscape design for easy & sustainable landscape maintenance. 2 sessions. **1st session:** discuss, design and brain storm what to grow in your garden. Bring a sketch, photos, your plant wish list, or a landscape plot plan. **2nd session:** garden improvements, landscape success, + future, long range plans to achieve the garden of your dreams.

Tuesday June 9, And Tuesday June 16, 2015 **9:30-11:30 am** **\$40**

Dehydrating Fresh Fruits and Seeds

Instructor: Alyssa Moreau

Learn how to make your own homemade snacks for you and your family with fresh fruits and seeds, and avoid costly and preservative-laden packaged foods. Alyssa Moreau will share ways to dehydrate foods and prepare delicious and nutritious foods and snacks including flax/seed crackers, fruit leather roll ups, coconut biscotti, nori snacks made with nut/seed spread.

Saturday June 20, 2015 **9-11:30 am** **\$25**

Orchid Culture & Growing Techniques

Instructor: Peter Wiggin

Peter will review the basics of the orchid family, including some of the fascinating history of orchid culture. The main focus of the class will be on the various cultural practices and orchid growing techniques. Peter will be happy to answer your questions regarding your own orchids, problems you may have growing, or any questions you may have about orchids in general (you are invited to bring along an orchid “problem plant”). There will be lots of pictures, time for questions, and a repotting demonstration. **Saturday June 27, 2015** **9-11** **\$20.**

Pickles and Fermented Foods

Instructor: Alyssa Moreau

Alyssa Moreau will be offering a class on pickles and fermented foods. Learn how to make easy, quick fermented foods to have as side dishes. Alyssa will showcase a ruby kraut made with beets, carrots and red cabbage, a cucumber ume pickle, kim chi, Vietnamese Bahn Mi and a seed cheese.

Saturday July 18, 2015

9-11:30

\$25

Making `Ohe Kāpala: The Design Language of Hawaiian Kapa

Moana Eisele

Learn the design language of Hawaiian *kapa* and create your own *`ohe kāpala* (bamboo kapa stamp). The zenith of making and decorating bark cloth in Polynesia was reached by Hawaiian *kapa*. Finely felted and watermarked, *kapa* was embellished with intricate motifs. The hallmark was the secondary pattern created by the negative spaces between stamped patterns. Recognizing and understanding the power of these internal spaces is the key to the limitless potential of creating your own *`ohe kapa*. You will learn not only the basic Hawaiian language names of patterns but also understand its origin and *kaona*, its layered meaning relative to place, season and family lineage. The workshop includes a tour of some of the Arboretums bamboo collections, guidance on how to select *`ohe*, discussion on appropriate usage of patterns, and making your own *`ohe kāpala*, and using traditional kapa dyes and contemporary pigments.

Saturday July 18, 2015

9 am—1 pm

\$75 (plus \$20 supply fee paid to instructor at time of class)

Basic Indigo Dyeing

Instructor: Ann Asakura

Indigo is the universal hue of hand woven, hand dyed and re-stitched fabrics. From desert Tuareg tribes, to the 14th generation of Kyoto dyers, to the manufacturers of denim jeans, indigo rules! Learn how to permanently dye fabrics. Use resist methods of tie dye binding and clamping objects to create patterns. Control hue density with multiple dyeing submersions. Ann Asakura, indigo dyer for 30 years, is the Executive Director of Temari. This class is offered in partnership with TERMARI, Center for Asian and Pacific Arts. **Saturday August 1, 2015** **9-12** **\$45 (plus \$10 supply fee paid to instructor at class)**

Coming up:



Lauhala plaiting, Bracelet Class

Instructor: Wesley Sen

Hawaiian Dye Class

Instructor: Wesley Sen

Itajime Shibori Dyeing: Indigo Art

Oct. 13-14, 2015

All classes require preregistration
Call 988-0456 to register for classes

For information about upcoming classes, please call our Education Department at 988-0461

Registration is required for all classes. You will be enrolled in the class the day your payment is received. Class size is limited, and classes fill quickly. To avoid disappointment, register early.

Payment may be made by check, cash or credit card. To register, call the Arboretum's business office at: (808) 988-0456, or drop off or mail your registration to the business office: c/o Class registration: Lyon Arboretum, 3860 Mānoa Road, Honolulu, HI. 96822.

Class Cancellation and Refund Policy

If it is necessary to cancel your registration, please notify Lyon Arboretum at (808) 988-0456. A full refund, (less a \$5.00 handling charge) will be issued with a minimum 7-day advance notification before the class date. No refunds will be made if you fail to show up for the class. The Arboretum reserves the right to cancel a class. A full refund will be issued if the class is cancelled by the Arboretum.

ADULT CLASS REGISTRATION FORM

Please register me for: _____
(Print title of class, date of class)

My name is: _____
(Please print)

My address is: _____
Street City State ZIP

Daytime phone #: _____
(Please print)

Email address: _____
(Please Print)

Total class fees enclosed: _____



Please sign me up to receive an email notification of upcoming classes and events at Lyon. Yes ____ (make sure you have included you email address above if yes) No thanks ____

See our website at manoahawaii.edu/lyonarboretum
for event and class updates



Plant Sale Success

Thank you to all our volunteers and friends for making our April plant sale a success. Eleven nurseries participated and we had a great assortment of beautiful and interesting plants as well as crafts to choose from. **Mark your calendars - our next sale will be Saturday November 21 at Lyon from 9 am to 2 pm.**

Mahalo for your support!

Lavonne Tollarud – Bowls for Arboretum; Mandy Bowers – Calamondin for Jams & Jellies; Pachi Tomasa – Monetary Donation; Vincent Lee, his family & Boy Scout Troop 10 – 10 wooden benches for Lyon Education Programs; Dick Carlson – hoses,

pruners, holsters for pruners, sickles, scrub brushes & mosquito punks for greenhouse; Barbara Vlachos – several pruners for greenhouse

Save the trees!

If you'd like to receive future newsletters in PDF format via email, please contact higashiz@hawaii.edu.

Sign up for the email newsletter by November 30 to be eligible for a \$10 gift certificate redeemable at the Arboretum gift shop.

Congratulations to Holly Braschi, our Winter/Spring 2015 drawing prize winner!

Good luck next time!



Wish List

- Jams & Jellies: Lilikoi, Guava, Fig, Surinam Cherry, Mango, Mulberry, Poha, Jaboticaba
- 12V 32 AH Deep Cycle Gel Battery for photovoltaic system. (\$140)

We appreciate your donation

Name: _____ Phone: () _____ — _____

Address: _____ City: _____ Zip: _____

Email: _____

Payment method: _____ check (payable to Lyon Arboretum/UHF, Attn account #12043404)

Or Credit Card: _____ (Visa) _____ (Master Card) _____ (American Express)

Account #: _____ Exp date: _____/_____/_____ Security code: _____

Signature: _____

Please send to: Lyon Arboretum / UHF, Appeal code: ogLY2, 3860 Mānoa Rd, Honolulu, HI 96822



University of Hawai'i-Mānoa
Harold L. Lyon Arboretum
 3860 Mānoa Rd.
 Honolulu, HI 96822
 Phone: 808-988-0456
www.hawaii.edu/lyonarboetum

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Arboretum Hours:

Monday-Friday, 8am-4pm
 Saturday, 9am-3pm Closed
 on Sundays & Holidays

\$10 Docent led tours available
 at 10am, Monday-Saturday.
 Please call 988-0461
 for reservations.

Arboretum Staff

Interim Director: Carl Evensen

Administration: Destin Shigano,
 Derek Higashi

Education & Volunteer Programs:
 Jill Laughlin, Richard Sears,
 Emmalani Makepa-Foley

Plant Collections & Grounds:
 Līloa Dunn, Poco Compehos,
 Tristan Williams

Micropropagation Lab: Nellie
 Sugii, Cindy Yamamoto, Doug
 Okamoto, Peter Wiggin

Seed Lab: Marian Chau,
 Tim Kroessig

Horticulture: Liz Huppman

Botanist: Karen Shigematsu

Facilities / Maintenance:
 Ken Seamon, Clancy Ako

Eagle Scouts beautify Lyon grounds

Eagle Scout troops have been a big part of our large projects for many years. Many of the forest trails were installed by many hands of Eagle/Boy Scout members. In 2014, Lyon arboretum hosted two Eagle Scout projects.

Clayton Konikson and his troop 10 scout members took on a task of improving one of our heavily visited trail in Pacific Palm Section leads to 'Aihualama falls. They accomplished improving the trail by



re-installing the steps and hauling a tons of gravels to resurface the trail.

Michael Ihara tackled a project of rebuilding three old benches outside of the visitor center. Michael and troop members removed severely damaged benches, re-designed and built benches from the ground up with all new materials.

Big Mahalo to all troop members, we couldn't have done those projects without your help!

