

We were hosted at three University of Hawaii research stations.

Waimanalo Research Station on Oahu

Research Station at Volcano

Waiakea research Station at Hilo



Waimanalo Research Station

Activities included
tropical fruit trees,
vegetable and papaya
breeding and sustainable
crop production.



Waimanalo Research Station had a substantial collection of *Plumeria*.



Everyone loves
Plumeria





Plumeria is one of the traditional flowers used to make Hawaiian leis.



Organic and sustainable
crop demonstration area



Papaya evaluation
planting



Papaya



Coffee



Moringa is a tropical fruit crop grown for its edible pods.



We were able to sample some of the tropical fruit. Not everyone enjoyed the pomelo.



Everyone was given a cacao fruit. Chocolate is made from cacao. The white material around the seed tastes like chocolate.



Pomelo and cacao in hand,
we visited a traditional
Hawaiian structure made
with native wood and palm
thatch.



Research Station at Volcano

Activities included field
and greenhouse
vegetables, tea trials,
vegetable seed production
and plant production of
threatened or endangered
endemic Hawaiian
species.



Onion seed
production



A major activity at the station was the propagation and production of endemic Hawaiian plants that are threatened or endangered in the wild.



Propagation house for cuttings and seeds.



Seed propagation



Seedling
production in
planting tubes.



Isaac and Lark taking a close look at *Cyanea marksii*.



Waiakea Research Station
at Hilo

Activities included
vegetables, tropical fruits,
orchids and anthuriums.

USDA Tropical Plant
Genetic Resource Unit
maintains a tropical fruit
orchard.



Our tour started with a demonstration of vanilla orchid pollination to ensure fruit set.



Apparently vanilla pods
can be used for more
than just flavoring.



A major activity at the station is evaluating anthurium genetics from the University breeding program.



Anthurium
seedling
production.



Anthurium
plantlets from
micropropagation.



Our host explained the diversity observed in hybrid anthuriums.



Anthurium screen house evaluation



Sumi scored a Maylay apple
(*Syzygium*) on our tour of
the tropical fruit orchard.



Galip (*Canarium indicum*) is a nut crop related to avocado and was an unusual fruit species found in the orchard.

