

We were hosted at three University of Hawaii research stations.

Waimanalo Research Station on Ohau

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*.



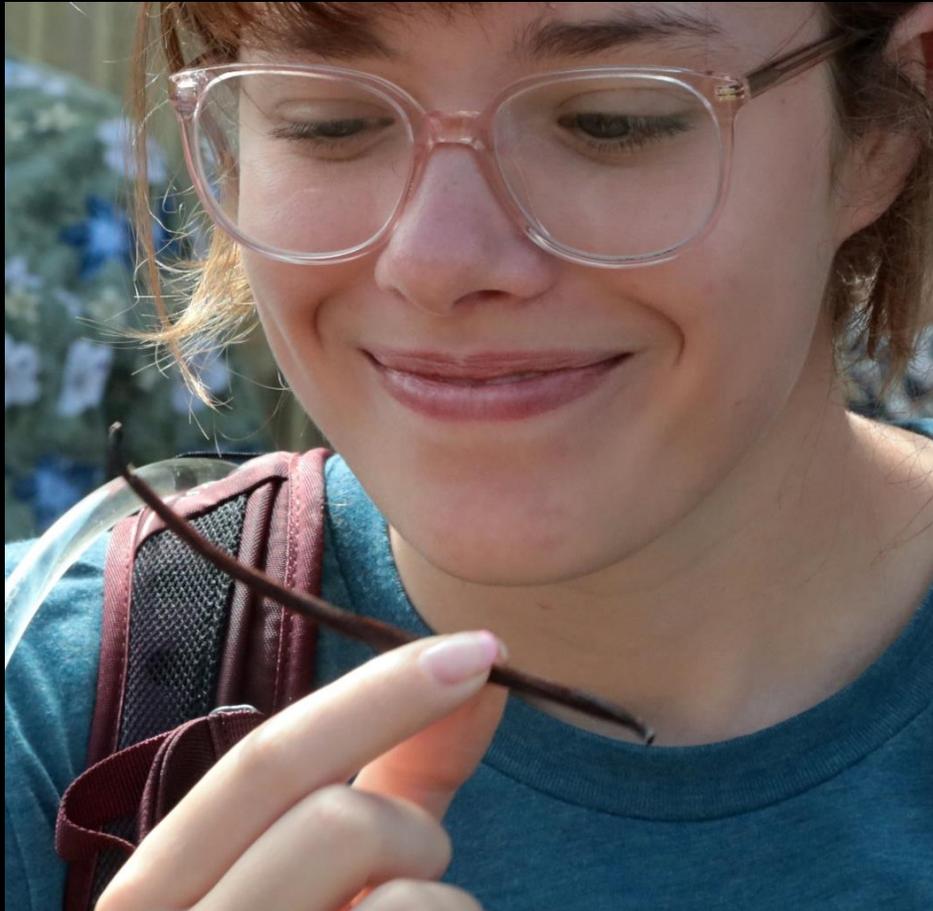
Waiakea Research Station  
at Hilo

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.

