

# WORKSHOP AGENDA: CHALLENGES AND OPPORTUNITIES OF SOIL-LESS FARMING IN HAWAII

**When:** Saturday, July 23, 2011, Time: 0900 - 1230

**Where:** Windward Community College, Hale Akoakoa Room 105

**What:** Find out what is happening with FOOD SAFETY CERTIFICATION at this workshop from CTAHR's Food Safety coach, Jim Hollyer. Can you make money and how much when growing things aquaponically will be addressed by Harry Ako. Come meet, hear and discuss about the challenges and opportunities from folks who are actually in the business of growing products hydroponically (Richard Ha and Paul Singleton) and aquaponically (Tim Mann and Fred Lau). Find out what is expected of growers from the folks (Tisha Uyehara of Armstrong Produce and James Channels of Foodland) who market produce in the islands. By the end of the workshop participants should be able to make an informed decision as to whether commercial hydroponic or aquaponic farming is something that is good for Hawaii and that they would like to do or invest in.



**Workshop Agenda:** Doors Open and Registration begins at 08:30 with coffee and refreshments. Workshop begins promptly at 09:00 and will end at approximately 12:00

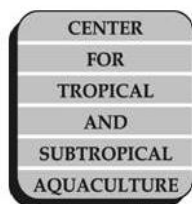
0900-0915	Introductions
0915-0935	Jim Hollyer: Update on On Farm Food Safety and Certification
0935-0955	Harry Ako: Economics of Aquaponics
0955-1005	Richard Ha: Hamakua Springs Country Farms, Hawaii
1005-1025	Paul Singelton: Waipoli Hydroponic Greens, Maui
1025-1040	Coffee Break
1040-1100	Tim Mann: Friendly Aquaponics, Hawaii
1100-1120	Fred Lau: Maris Garden, Oahu
1120-1140	Tisha Uyehara: Armstrong Produce
1140-1200	James Channels: Foodland
1200-1230	Questions and Answer Session

The workshop will be facilitated by Clyde Tamaru, Aquaculture Specialist CTAHR. Workshop participants will be asked *“What kind of technical assistance is most needed from faculty at the University of Hawaii?”*. Admission charge for the workshop is \$10.00 per person and parking is free. Refreshments will be served.

There are a limited number of seats available and reservations and to reserve a seat please RSVP: Harry Ako, phone: 956-2012 email - [hako@hawaii.edu](mailto:hako@hawaii.edu), or Clyde Tamaru Phone: 342-1063, email - [ctamaru@hawaii.edu](mailto:ctamaru@hawaii.edu). Please make checks payable to Research Cooperation of the University of Hawaii or (RCUH) and send to the following address: Department of Molecular Biosciences and Bioengineering, University of Hawaii-Manoa, 1955 East-West Road, Ag. Science 218, Honolulu, HI 96822

Workshop is being sponsored by:

- College of Tropical Agriculture and Human Resources
- UH Office of the Vice Chancellor for Research and Graduate Education
- Aquaculture and Livestock Support Services, Department of Agriculture
- Center For Tropical and SubTropical Aquaculture
- Hawaii Aquaculture and Aquaponics Association



## DRIVING DIRECTIONS TO WINDWARD COMMUNITY COLLEGE

### From Honolulu

Take the H1 Freeway to Likelike Highway. Go mauka (north) toward Kaneohe. Once you're through the tunnel, take the first exit, which is for Kahekili Highway. At the third stoplight, turn left (mauka) onto Kea'ahala Road, which will take you to the Windward CC campus.

### From Pearl City and points West

Take the HI Freeway toward Honolulu. Take the HI-78 East/HI-78 West/I-H3 East exit towards Aiea/Honolulu/Kaneohe (exit #13A) and continue on I-H3 East ramp towards Kaneohe. After you're through the tunnels, take the first exit for Likelike Hwy. Move to the righthand lane and follow it as it merges onto Kahekili Hwy. At the third stoplight, turn left (mauka) onto Kea'ahala Road, which will take you to the Windward CC campus.

### From Kailua

Take Kailua Road/Kalaniana'ole Highway toward Honolulu. Make a right turn onto Kamehameha Hwy. At the intersection with Likelike, turn mauka (left). Turn right on to Kahekili Hwy. At the second stoplight, turn left (mauka) onto Kea'ahala Road, which will take you to the Windward CC campus.

### From Ka'a'awa and points north

Take Kamehameha Hwy. to Kahalu'u. At the intersection with Kamehameha Hwy, continue forward on Kahekili Hwy. Turn right (mauka) onto Kea'ahala Road, which will take you to the Windward CC campus.

### From the Airport

Take the H1 Freeway East to Likelike Hwy. Go mauka (north) toward Kaneohe. Once you're through the tunnel, take the first exit, which is for Kahekili Highway. At the third stoplight, turn left (mauka) onto Kea'ahala Road, which will take you to the Windward CC campus.

The red arrow shows the location of Hale Akoakoa on the Windward Community College Campus (Figure 2) site of the workshop.

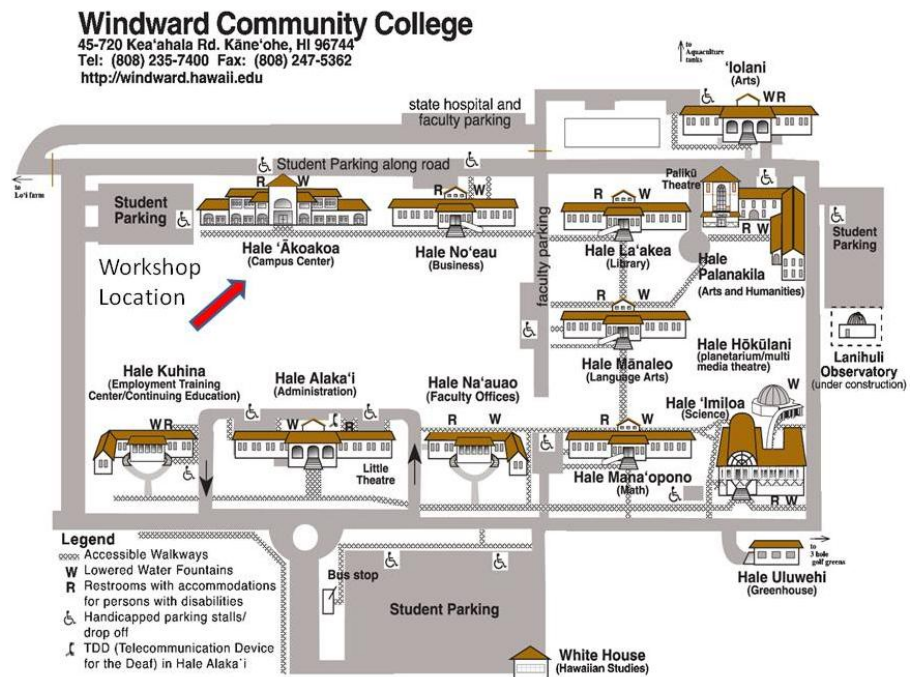


Figure 1. Red arrow shows location of site of workshop.