

College of Tropical Agriculture and Human Resources/Hawaii Aquaculture and Aquaponics Association Workshop



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The workshop is being co-sponsored by:

- Hawaii Department of Agriculture, Aquaculture & Livestock Support Services
- Center for Tropical and Subtropical Aquaculture (CTSA)
- University of Hawai'i Sea Grant College Program
- University of Hawai'i Aquaculture Coordinator

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Workshop Agenda

November 12, 2011

Windward Community College, Hale Akoakoa Room 101 – 105

08:00 – 09:00 Open Registration and Continental Breakfast

09:00 – 09:15 Introductions: Ron Weidenbach (HAAA)

09:15 – 09:30 David Nakao, Millilani High School. Comparison of Growth and Survival of Tilapia Fry Using Different Rearing Methods and Feedstock Approaches.

09:30 – 10:00 Leina'ala Bright, Hawaiian Studies, UHM: Waihona la'au lapa'au, Aquaponic Hawaiian Herbal Medicine Cabinet.

10:00 – 10:15 Kiara Sakamoto, Molecular Biosciences and Bioengineering, CTAHR: Extending aquaponics to the Pacific Islands: American Samoa

10:15 – 10:30 Bradley Fox, Molecular Biosciences and Bioengineering, CTAHR: Update on CTAHR Research Investigating the Use of Vermicompost in Aquaponic Vegetable Production

10:30 – 10:45 Coffee Break

10:45 – 11:00 Dong-Fang Deng, Oceanic Institute: Potential Application of By-Products from Fisheries, Agriculture and Biofuel Industries--- Nutrition and Toxicology Research by the Aquatic Feeds and Nutrition Department at Oceanic Institute.

11:00 – 11:15 Anthony Ostrowski, Oceanic Institute: Status of Oceanic Institute's Pilot Aquatic Research Feed Mill.

11:15 – 11:30 Warren Dominy, Oceanic Institute: Review of Oceanic Institute's AFN Standard Research Diets for moi, kahala, shrimp, opihi, abalone, and urchin, that were manufactured at the Oahu Research Feed Mill Workshop

11:30 – 11:45 Armando Garcia Ortega: Pacific Aquaculture & Coastal Resources Center, UH Hilo. Current Status of Tilapia and Sturgeon Research at PACRC.

11:45 -12:00 Maria Haws, Pacific Aquaculture & Coastal Resources Center, UH Hilo : Bivalve culture in Hawaii-advances and challenges.

12:00– 13:00 Lunch and Garrett Sprinkle Grow It Hawaii Video

13:00 – 13:15 Harry Ako, Molecular Biosciences and Bioengineering, CTAHR: Aquaculture of the giant opihi, *Cellana talcosa* (ko`ele). Development of an artificial diet.

13: 15 – 13:30 RuthEllen Klinger-Bowen: Molecular Biosciences and Bioengineering, CTAHR: Performance of red pacu, *Piaractus brachypomus*, cultured alone or co-cultured with Chinese catfish (*Clarius fuscus*)

13:30 – 13:45 Yong Soo Kim, Human Nutrition and Animal Science, CTAHR: Use of biotechnology to improve muscle growth in aquaculture species: Preliminary results with tilapia

13:45 – 14:00 Jinzeng Yang, Human Nutrition and Animal Science, CTAHR: DNA-based identifications of feral and farmed tilapia in Hawaii.

14:00 – 14:15 Clyde Tamaru: Molecular Biosciences and Bioengineering, CTAHR: Update on the Tilapia Rickettsia Like Organism (TRLO) infecting tilapia on Oahu.

14:15 – 14:30 Coffee Break and Workshop Evaluation

14:30 - 16:00 Hawaii Aquaculture and Aquaponics Association Annual Meeting

16:00 ALL PAU