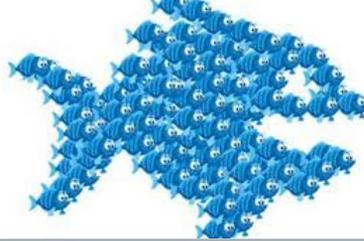


# Fish Health Workshop

February 9, 2020

8:30 – 5:00



The key to successful fish culture is optimizing fish health. Workshop attendees will learn fish health management techniques from a panel of instructors who have experienced aquaculture's challenges and rewards with a variety of fish species and culture systems.

The first half of the workshop will teach participants basic management skills for disease prevention, discuss therapeutic treatment options and review regulations. The afternoon will focus on diagnostics and pathogens. Regional case studies will be used to provide insight and initiate interactive participant discussions.



RuthEllen Klinger-Bowen has a Master's in Marine Science and has worked in the aquaculture field for over thirty years,

primarily with fish health management and disease issues. She works at the University of Hawaii as a fish disease specialist and is presently examining seafood imports for pathogens, which would affect Hawaii aquaculture production.



Dr. Roy P.E. Yanong joined the University of Florida (UF) Tropical Aquaculture Laboratory (TAL) in 1996. Currently Professor and

Extension Veterinarian, Roy provides extension, research, and educational programs in fish health management and aquatic animal health, including on-site veterinary assistance and disease diagnostic support for aquaculturists throughout the state.



Dr. Kathleen Hartman is the Aquaculture Program Leader for USDA APHIS Veterinary Services. Kathleen has been with USDA APHIS VS for over 16 years – first as an

Aquaculture Epidemiologist and then as the Aquaculture Coordinator in Import/Export Services. Kathleen is stationed in Ruskin, FL at the University of Florida, Tropical Aquaculture Laboratory.



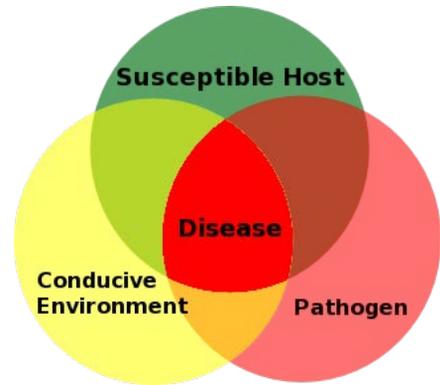
Dr. Hugh Mitchell, a dual US-Canadian citizen, is a fish biologist who went back to vet school, and developed an avid interest in epidemiology (patterns

of diseases in populations) and fish vaccinology. Currently he is owner of AquaTactics Fish Health, a veterinary practice / fish health product company out of Kirkland, WA. He is licensed in multiple US states and Canada.



## AGENDA

8:15-8:30	Check-in and on-site registration
8:30-8:45	Welcome and housekeeping
8:45-10:30	Fish Health Management Fundamentals: anatomy, culture systems, and biosecurity
10:30-10:45	Break
10:45-12:30	Regulations Drugs, biologics and pesticides
12:30-1:30	Lunch on your own
1:30-2:45	Diseases, diagnostics and the veterinarian-client relationship
2:45-3:00	Break
3:00-4:45	Interactive pathogen identification and case study session
4:45-5:00	Wrap up and participant survey



## Sponsored by:

**U.S. Aquaculture Society, USAS**



## Pricing Information

- ♦ **Stand Alone Workshop Registration - email John Cooksey ([JohnC@was.org](mailto:JohnC@was.org))**
- ♦ Base Price - \$300
- ♦ US Chapter of WAS Member Pricing - \$150
- ♦ US Chapter of WAS Student Members - \$75 (WAS members who are not USAS members can get chapter pricing by joining the chapter for \$5.00)

*This program has been submitted (but is not yet approved) for 6.50 hours of continuing education credit in jurisdictions which recognize RACE approval.*

**For more information contact [info@was.org](mailto:info@was.org)**