

FAA Education Sessions at FMSEA 2009 Conference  
Mote Lab, May 16, 2009

FAA Session #1 at 10:10 am

## **“Aquaculture Educational Opportunities in Florida”**

**“What is Aquaculture and Review of Florida’s Fish Farming Industry”** : Carlos Martinez, University of Florida/IFAS, Aquaculture Extension Program

An overview of the aquaculture industry in general, including edible fish, clams, alligators with emphasis on the Ornamental Industry, Fresh water Tropical Fish, Ornamental Aquatic Plants, and Marine Ornamentals and Marine Invertebrates. Presentation will also discuss different culture techniques.

**“Legislation and Regulations Impact on Aquaculture”** : Kathy Vogel, The Catalina Group

A look at how state legislation and agency regulation affect Florida’s aquaculture industry; and why its important to keep informed of these ever changing laws and rules.

**“Educational Tools for the Florida Clam Aquaculture Industry”** : Leslie Sturmer, University of Florida/IFAS, Shellfish Aquaculture Extension Program

An overview of clam farming in Florida, which supports over 500 small businesses in 12 coastal counties, and introduction to educational tools in support of the industry that may have application in the classroom.

**"Aquacultured Marine Ornamentals"** : Martha Campbell, Florida Marine Aquaculture  
An overview of the challenges and the rewards involved in the cultivation of marine ornamentals. The focus will address both fish and invertebrate species currently in production for the ornamental industry.

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FAA Session #2 at 1:40 pm

## **“Aquaculture Curriculum in the Classroom”**

**Growing Conch in Your Classroom:** Amber Garr, HBOI at FAU

Experience the fascinating life of the queen conch and learn about a classroom curriculum developed by Harbor Branch. This presentation will provide information about the curriculum, suggest classroom projects, and demonstrate how to handle live conch.

**“A New Aquaculture Curriculum for Educators”** : Cortney L. Ohs, Ph.D. ,Assistant Professor - University of Florida, Program of Fisheries and Aquatic Sciences

A new curriculum has been developed to provide middle and high school educators six modules covering aquaculture. The modules are general biology of fish, crustacean, and mollusks; extensive, semi-intensive, and intensive culture systems; broodstock reproduction and hatchery culture; water quality; nutrition; and harvesting, processing, and packaging. Each module contains written objectives, educational activities, and assessments and they have been developed to meet Sunshine State Standards.

**“Florida Schools Dive into Aquaculture”**: Portia Sapp, Florida Div. of Aquaculture

An overview of aquaculture programs in schools throughout Florida. This presentation will illustrate the types of systems, projects and animals utilized in Aquaculture certified schools in Florida.