



Harbor Branch Oceanographic Institute at Florida Atlantic University is located along the Indian River Lagoon in Fort Pierce, Florida on the state's east coast. Orlando International Airport is the most used airport by visitors to Harbor Branch; other airports are located in West Palm Beach, Melbourne, Fort Lauderdale, and Miami. The workshops are held at the Aquaculture Center for Training, Education and Demonstration in the Aquaculture Development Park.

Registration

All workshops are dependent upon a minimum enrollment, and will be finalized at least two weeks in advance. The cost for all workshops will increase by \$50 for late registrations (10 days or less before workshop).

Additional Information

Registration forms, deadlines, travel, and housing information are available at www.aquaculture-online.org

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2009 Calendar

Your Future in Aquaculture Starts Here



HARBOR BRANCH

FLORIDA ATLANTIC UNIVERSITY

Ocean Science for a Better World™

Opportunities in Aquaculture

March 5-6, May 7-8, August 13-14

Cost: \$295

Aquaculture, one of the fastest growing segments of agriculture, offers unmatched career and business opportunities. This introductory workshop answers fundamental start-up questions for molluscan, fish, and crustacean aquaculture ventures. Aquaculture is experienced through lectures and behind-the-scenes tours of Harbor Branch's facilities.

Topics Include

- Introduction to Aquaculture
- Crustacean Aquaculture (*shrimp, prawns, crawfish, lobsters, softshell crabs*)
- Molluscan Aquaculture (*conch, oysters, clams, and mussels*)
- Freshwater and Marine Fish Aquaculture (*cattfish, tilapia, baitfish, pompano, cobia*)
- Marketing and Production Planning
- Aquaculture Resources
- Licensing, Regulations
- Best Management Practices

Harbor Branch & USDA-ARS Fish Culture Techniques

October 19-21

Cost: \$395

This three-day beginner to intermediate level workshop highlights up-to-date techniques used in maturation, spawning, larvae culture, and production of fresh water and marine food fish. Students will interact with HBOI and USDA scientists at the Harbor Branch aquaculture facilities and learn techniques through laboratories and classroom presentations.

Topics Include

- Overview of finfish aquaculture
- Site selection and facility design
- Water quality and monitoring
- Broodstock management
- Hatchery operations
- Live feeds culture and nutrition
- Biosecurity and health management

Instructors

- Dr. Paul Wills, HBOI
- Dr. John Scarpa, HBOI
- Dr. Susan Laramore, HBOI
- Dr. Charles Weirich, USDA
- Dr. Marty Riche, USDA
- Dr. Tim Pfeiffer, USDA

Recirculating Aquaculture Systems: Design, Engineering, and Operation

October 22-24

Cost: \$395

This workshop provides in-depth training on the design, operation and management of recirculating systems for culturing fresh and saltwater fish. Participants will gain a fundamental knowledge of the principles influencing design decisions and will acquire the skills necessary to build their own recirculating aquaculture systems.

Topics Include

- Overview of recirculation systems engineering
- Water quality and monitoring system components
- Engineering design of individual unit processes
- System management
- Health management
- Economic and risk evaluation

Instructors

- Dr. James Ebeling, Aquaculture System Technologies, LLC
- Dr. Michael Timmons, Cornell University