Oyster Aquaculture Training Program

April – August 2023

Actively work alongside researchers throughout the 2023 oyster hatchery and field season.

Learn the principles of oyster aquaculture in this intensive, hands-on program.

Where

Virginia Institute of Marine Science Gloucester Point, VA

Program description and details available at:

www.vims.edu/research/units/ centerspartners/abc/industry/oat/index.php



How to Apply

Applicants must complete a Virginia state application online.

https://jobs.wm.edu/postings/51876

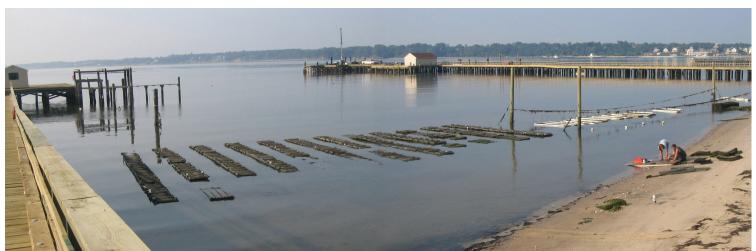
Application must be accompanied by a coverletter clearly stating interest in aquaculture training.

Application deadline is February 3, 2023.

For more information please contact:

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General Information

The Oyster Aquaculture Training Program will take place at a working oyster research facility.

Participants will rotate through the stages of oyster aquaculture from the hatchery to field grow out operations. Brief classroom lectures on major topics will provide background information. This program will also include field trips to other research facilities and industry sites as well as 2-3 day externships that may be tailored to an individual's interests.

The Oyster Aquaculture Training Program limits the number of participants in order to provide a one-on-one learning environment.

Curriculum

Brood stock

- Learn conditioning process
- Maintain brood stock tanks

Algae Culture

- Grow and maintain cultures
- Calculate feeding requirements
- Feed adults and larvae

Spawning

- Differentiate male from female adults
- Rate gonad ripeness
- Learn spawning techniques
- Participate in oyster spawns

Larval Rearing

- Measure water quality
- Clean larval tanks
- Count larvae
- Determine adequate larval densities
- Monitor larval health

Setting

- Track larval development
- Learn setting systems and techniques
- Understand downwelling process

Nursery

- Learn upwelling process
- Care and maintenance of nursery
- Count and sieve seed
- Size seed

Field Grow Out

- Learn deployment types
- Prepare and stock bags
- Determine stocking densities
- Care and maintenance of field gear

Laboratory

- Learn the process of ploidy analysis
- Understand disease testing

