



Internship Opportunity

Women in Aquaculture

Date posted: March 7, 2024

Location: Carlsbad, CA

Duration: 9-week commitment of 30 hours each week;
April – June preferred (negotiable)

Compensation: \$6,000 stipend available

Description

Hubbs-SeaWorld Research Institute (HSWRI) is a non-profit marine science research organization that conducts research related to its mission of promoting ocean conservation and the sustainable use of marine resources. Founded in 1963, HSWRI operates two research facilities in California: one in San Diego's Mission Bay and the other in Carlsbad, in addition to a facility in Melbourne Beach, Florida. The Institute's research covers a wide range of topics, including marine mammal behavior, physiology, and health, as well as the development of innovative aquaculture techniques for cultivating marine plants and animals. HSWRI's research also focuses on the study of oceanographic processes and the impacts of climate change on marine ecosystems. The goal of HSWRI's research is to inform policy decisions and promote sustainable management of the ocean's resources. HSWRI provides educational opportunities and internships to students and researchers seeking to gain hands-on experience in marine science and conservation.

Join Our Team

HSWRI's internship program offers STEM learning, skill development, and research experience for college and graduate students. Interns collaborate with leading researchers in marine conservation, sustainability, and aquaculture to tackle challenges in restorative aquaculture, sustainable seafood, and ocean and animal health. Their contributions support HSWRI's mission to protect and conserve marine life. HSWRI values diversity and promotes an inclusive workplace that welcomes applicants from all backgrounds, including people of color, LGBTQ+ individuals, veterans, and persons with disabilities.

Job Summary

Hubbs-SeaWorld Research Institute (HSWRI) is offering a *Women in Aquaculture* internship for a female student interested in collaborating with our finfish hatchery manager on a project to evaluate larval rearing conditions using standard tank designs compared to a self-cleaning tank. This project is supported by the [JEM Project](#), which seeks to support projects promoting animal welfare, environmental sustainability, and empowering women. Optimizing the techniques and husbandry practices for marine larval fish is fundamental to the success of HSWRI's marine finfish replenishment program. Tasks of this internship include:

- Assist in maintaining larval fish rearing systems and observing larval behavior and health.
- Participate in live feed culture cultivation and harvesting for larval fish nutrition.
- Learn about fish reproductive biology and assist in spawning induction and egg handling.
- Gain experience in assessing fish egg quality and recording developmental milestones for research purposes.

Core Responsibilities

The core responsibilities of this internship encompass a diverse range of hands-on tasks essential for the optimal husbandry of marine larval fish. Interns will actively engage in the daily care routines of larval fish, including feeding, water quality monitoring, and tank maintenance. They will cultivate and manage live feed cultures to ensure adequate nutrition for the developing larvae, while also assisting in the spawning induction process and handling fertilized eggs. Regular assessments of water quality parameters will be conducted, with interns recording detailed observations and measurements to support ongoing research projects. The intern will interact with the site hatchery manager daily and have weekly meetings to discuss ongoing projects, track progress on projects, and address any needs. Successful applicants will have strong communication skills, be able to work independently and in a team environment and be committed to the mission of HSWRI.

Skills/Knowledge/Ability/Experience or Education Required

- At least 18 years of age, female student.
- Must be a current student at an accredited college or university or hold an associate or bachelor's degree.
- Must submit a short letter of interest describing your previous experience and how this internship aligns with student's career goals
- Must submit a resume of courses and/or experience related to position applying for, or unofficial transcript
- Proof of COVID-19 vaccination
- Able to team lift up to 50 pounds with accommodations if needed.
- Daily activities will vary but will include both outdoor and indoor environments that can be wet and damp, with moderate noise levels.
- Project task assignments may include weekends and holidays as assigned.
- Support a diverse, equitable, and inclusive work environment where all staff, volunteers and guests are respected and valued.

Desired

- Extensive coursework or a degree in the biological sciences (or related field).
- Basic understanding of chemistry, and experience working with animals.
- Strong interest in and awareness of animal husbandry and marine science/ecology
- Ability to multi-task and attention to detail
- Proficiency with Microsoft Office applications, including Word, Excel, Outlook, and PowerPoint

How to apply: Please submit application materials to Human Resources at hr@hswri.org.