



Internship Opportunity

Marine Finfish Aquaculture Culture of California Yellowtail

-Summer-

Date posted:	March 21, 2024
Location:	San Diego (Mission Bay), CA
Duration:	8-week commitment of 30 hours each week; June - August preferred (negotiable)
Compensation:	\$5,000 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 seeking a student intern to collaborate with our research scientists investigating techniques for culturing California yellowtail. This internship is funded through a collaborative project with California Sea Grant to support aquaculture work-force training in the state.

Interns will be trained to do the following tasks:

- Broodstock husbandry: interns will assist in the care of adult marine animals, including feeding and monitoring health, and maintaining their living spaces.
- Egg collection: interns will be involved in collecting eggs from broodstock and will learn techniques for handling and storing them.
- Egg quality testing: interns will work on assessing the quality of collected eggs and will learn to use tools such as microscopes and data analysis software to document their findings.
- Larval husbandry: interns will work on rearing and caring for larvae of California yellowtail and learn techniques for monitoring growth and development.
- Larval growth and health assessments: interns will be involved in tracking the growth and development of larvae and will learn to use tools such as microscopes and data analysis software to document their findings.

- Juvenile husbandry: interns will assist in the care of juvenile California yellowtail, including feeding and monitoring health, and maintaining their living spaces.

Core Responsibilities

The core responsibilities of the intern at HSWRI will include working closely with research scientists to culture California yellowtail, including tasks such as broodstock husbandry, egg collection and quality testing, larval husbandry and growth assessment, and juvenile husbandry. The intern will contribute to research experiments focused on improving the production and health of juvenile yellowtail, with the goal of promoting sustainable aquaculture practices. Additionally, the intern may assist with research projects, animal health assessments, data entry, and other tasks as assigned. 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.
- 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
- 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
- Able to team lift up to 50 pounds with accommodations.
- Ability to multi-task and attention to detail
- Proficiency with Microsoft Office applications, including Word, Excel, Outlook, and PowerPoint

Application Procedure

If you are interested in applying for an internship with Hubbs-SeaWorld Research Institute, please submit the following items to hr@hswri.org:

- Brief letter of interest describing your previous experience and how this internship aligns with student's career goals
- Resume of courses and/or experience related to position applying for, or unofficial transcript

Or mail it to:

Human Resources Department
Hubbs-SeaWorld Research Institute
2595 Ingraham Street
San Diego, CA 92109