

PROFESSIONAL EXPERIENCE

Intern - Shrimp Department | Oceanic Institute, Waimanalo, HI | June 2026 - Current

- Assist with daily activities and operations within the shrimp department
- Hands-on experience in marine aquaculture and shrimp husbandry
- Assist with monitoring and care of aquatic organisms in a professional research environment
- Developing experience working with marine organisms, following protocols, and collaborating with research staff
- Trained and provided direct supervision of Family Development Specialist (FDS)

Research Scientist | Coastal Marine Education and Research Academy (C.M.E.R.A., Clearwater, FL | June 2025

- Participated in hands-on shark and ray field research
- Assisted with capture, measurement, tagging, and release of elasmobranchs
- Capture of sharks and rays using longlines and fishing rods
- Collected biological data by measuring and determining the sex of captured animals
- Assisted with the application of PIT tags and external tagging method for individual identification and future monitoring
- Safely handled and released sharks and rays following established research and animal-handling procedures
- Gained practical experience in shark research, field data collection, tagging techniques, and conservation practices

EDUCATION

Hawaii Pacific University, Bachelor of Science in Marine Biology | Anticipated Graduation Spring 2027

William Byrd High School | 2023

CERTIFICATIONS

- PADI Scuba Certification
- Shark Field and Research Methods Certificate (C.M.E.R.A), June 2026
- CPR/AED/First Aid

MARINE BIOLOGY / TECHNICAL SKILLS

Field Research

- Shark and Ray Research
- Elasmobranch Handling
- Shark and Ray Tagging
- PIT Tagging

Laney Stroop

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- Biological Measurements
- Sex Identification
- Deployment of Longlines
- Rod-and-Reel Capture Techniques
- Animal Release Procedures
- Plankton Tows
- Water-Column Sampling
- Marine Field Data Collection

Experienced in Using Oceanographic Equipment

- Niskin Bottle
- Plankton Nets
- CTD
- Digital Fathometer
- Van Veen Grab
- Flowmeter
- Dissecting Microscope

Research and Data Experience

- Marine Conservation
- Aquaculture and Shrimp Husbandry
- Species Identification
- Scientific Observation
- Data Collection and Recording
- Microsoft Excel
- R/R Studio