

ANNALYSA DUMLAO

annalysad@gmail.com

www.linkedin.com/in/annalysa-dumlao

Candidate for Bachelor of Science in Marine Biology, Minor in Chemistry with
Concurrent Registration for Master of Science in Marine Science

EDUCATION

Hawaii Pacific University, Honolulu, HI
Bachelor of Science in Marine Biology,
Minor in Chemistry, Expected May 2027,
Master of Science in Marine Science

- Concurrent Bachelor's/Master's Program
- Residential Honors Program

LEADERSHIP

- Residential Honors Program
(*Honors Ambassador, Peer Mentor*)
- Indigenous Student Alliance
(*President, Founder*)
- Asian American and Pacific Islander Club
(*Vice President, Founding Member*)
- Na Mano O Ke Kai, IMUA
(*Competitive Steersman, Public Relations*)

SKILLS

- Scientific Record Keeping and Data Analysis (Excel, JASP, RStudio)
- Basic Programming (R)
- Laboratory Techniques (Dry and Wet)
- Marine Animal Husbandry and Basic Veterinary Skills
- Biosecurity Protocols
- Water Quality Testing and Monitoring
- Aquatic System Plumbing & Filtration

AWARDS

Hawaii Pacific University, Honolulu, HI

- Presidential Scholarship (2023-2026)
- Residential Honors Student of Distinction
- Student Organizations: Above and Beyond Award, Emerging RSO Award

American Chemical Society, Hawaii Section

- Certificate of Recognition: Analytical Chemistry

National Aquarium

- Outstanding Staff Individual

Note: Please accept my apologies for the omission of the Olelo Hawaii diacritical markings.

PROFESSIONAL EXPERIENCE

Aquaculture Intern - Kualoa Ranch

Kaneohe, HI | June - August 2026

- Assisted with maintaining production and harvest schedules for marine shrimp, freshwater prawn, tilapia, and oyster culture operations.
- Performed animal husbandry tasks for hatchery, nurse, and grow-out ponds. Tasks include feeding, cleaning, water quality and general health monitoring of cultures.
- Supported freshwater prawn hatchery operations from larval rearing to post-larvae, including tasks such as density counts, developmental staging, and culturing *Artemia* and algal species as feed for larvae.
- Processed and packaged animals for production operations, performed seine and throw net harvests, and assisted with maintaining production schedules.
- Sorted oysters to assess survival, collected growth samples, and calculated stocking density, feed rates, and growth metrics.

Turtle Care Center Specialist - Hawaii Marine Animal Response (HMAR)

Waimanalo, HI | 2024 - Present

- Safely handled injured adult, juvenile, and hatchling sea turtles of Hawaii during rehabilitation and examinations while maintaining medical records of intake evaluations, treatment plans, health monitoring, and release documentation.
- Assisted with veterinary care and assessments of three species of sea turtles, including performing physical examinations, wound care, dosage calculations, and LED laser and soft-tissue drainage massage therapy. Under supervision, assisted with blood and laboratory sample collection and Mototag and PIT tag application.
- Performed animal husbandry tasks for rehabilitating sea turtles, including feeding, enclosure sanitation, water quality and general health monitoring.
- Maintained strict biosecurity of housed sea turtles diagnosed with fibropapillomatosis to minimize disease transmission and maintain animal health.

Rescue and Field Responder, Film Monitoring Intern - HMAR

Island of Oahu, HI | 2024 - Present

- Managed public reporting hotlines for marine debris, Hawaiian monk seals, seabirds, and sea turtles.
- Conducted public outreach, documented animal health, behavior, and endangered species observations, and handled injured adult, juvenile, and hatchling sea turtles and seabirds during field response operations.
- Identified Hawaiian monk seal individuals and monitored Hawaiian monk seal pupping sites to collect field data for conservation and management efforts.
- Provided wildlife advisement for shoreline film productions, ensuring compliance with state and federal protected species regulations.

Wildlife Keeper - Sea Life Park Hawaii

Waimanalo, HI | January - July 2024

- Performed husbandry tasks and routines for rehabilitated seabirds. Tasks include record-keeping, feeding, cleaning, and general health monitoring.
- Experience in handling seven unreleasable resident seabirds of different species.
- Presented visitor outreach regarding seabird biology and marine conservation.
- Maintained biosecurity protocols to prevent disease transmission between seabirds.

INDEPENDENT PROJECTS

Hawaii Pacific University | *In Progress, 2027*

- Undergraduate Capstone Research and Presentation: Residential Honors Program/Marine Biology

Native American and Indigenous Studies Association | *In Progress, 2026*

- 2026 Annual Conference Panelist and Publication: Centering Na Waiwai: Systemic Approaches to Interweaving Native Hawaiian Values in Higher Education