

Sarah Johnson

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Education

Moss Landing Marine Laboratories | Invertebrate Ecology Lab
August 2023, Moss Landing, CA
Faculty advisor: Amanda Kahn, Ph.D.

Cal Poly Humboldt / Bachelor of Science in Biology (Marine)
August 2017 - December 2021, Arcata, CA
Faculty advisor: Paul Bourdeau, Ph.D.

University of Hawai'i at Hilo
June 2019 - July 2019, Hilo, HI
MARE 490 & 490L - Sea Turtle Conservation & Ecology

Research Experience

Monterey Bay National Marine Sanctuary | Benthic Community Monitoring Project
September 2023 - current

- Aided in acquisition of benthic invertebrate community composition data in Monterey Bay, CA through deployment of Deep Trekker submersible camera

Olympic Coast National Marine Sanctuary | Benthic Community Monitoring Project
October 2023 - February 2024

- Conducted analysis of benthic invertebrate communities throughout the Juan de Fuca Strait, WA using ROV survey footage

Cal Poly Humboldt | Independent Research Project
February 2021 - May 2021, Trinidad, CA

- Conducted research at Telonicher Marine Lab on the effects of sea temperature on *Strongylocentrotus purpuratus* feeding rates on *Nereocystis luetkeana*

University of Hawai'i at Hilo | Sea Turtle Nesting
July 2019, Hawai'i County, HI

- Worked with Kamehame Turtle Monitoring Project to observe and tag nesting Hawksbill sea turtles at the most active nesting beach in the United States, Kamehame Beach

University of Hawai'i at Hilo | Sea Turtle Surveys
June 2019 - July 2019, Hilo, HI

- Conducted weekly near-shore data collection to determine proliferation of Fibropapillomatosis (FP) in Pacific Green sea turtles
- Visually examined sea turtles by snorkeling, noting: number and size category of turtles, and size and severity category of tumors, if any

Skills

- Communicating results effectively through scientific writing
- Experience with Python data analysis
- Team collaboration
- Critical thinking

**Extra-curricular
Activities and Work
Experience**

- MLML Front Desk Student Assistant
 - September 2023 - June 2024
- Head of MLML Open House Activities Committee
 - October 2023 - April 2024
- Marine Mammal Observer Training
- MLML Student Body Treasurer
 - June 2024 -current

Academic Honors

- Graduated cum laude from Cal Poly Humboldt
- Presidential Scholar - Spring 2019
- Dean's List - Fall 2019 and Fall 2020
- 2024 Recipient of the SJSU Archimedes Scholarship

References

Amanda Kahn Ph.D., Assistant Professor

Invertebrate Ecology Lab
Moss Landing Marine Laboratories | San Jose State University
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Mike Wood Ph.D., Assistant Professor

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Thomas Connolly Ph.D., Professor

Physical Oceanography Lab
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