

SERIN O'BRIEN

COASTAL AND MARINE SCIENCE AND
MANAGEMENT (MS)

OBJECTIVE

To contribute towards environmental conservation. Leveraging my strong communication skills and comprehensive knowledge of natural resource management and water science to the preservation and enjoyment of natural landscapes and ecosystems in the Pacific Northwest.

EXPERIENCE

CRUMP LABORATORY

Oct 2022 – Mar 2024

Collected and handled water samples for DNA extraction. Ensured sample integrity and minimized contamination risks. Completed necessary training and exerted laboratory safety protocols. Handled and disposed of hazardous materials. Maintained a sterile work environment.

RV SALLY RIDE

March 2023

Conducted pre-cruise preparations. Executed CTD (Conductivity, Temperature, and Depth) casts at designated stations. Collected and preserved water samples. Conducted plankton tows and participated in plankton sorting, identification, and preservation. Cut and stored sediment cores for future analysis. Maintained detailed logs, records, and reports.

RV ELAKHA

October 2022

Executed CTD (Conductivity, Temperature, and Depth) casts at designated stations. Collected and preserved water samples. Conducted plankton tows and participated in plankton identification. Sampled water through filters to collect chlorophyll, solid particulates, and dissolved particulates.

CONTACT

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ABOUT ME

I am an ocean scientist with a profound love for nature and a comprehensive background in management. I have experience in microbial biodiversity, coastal processes, ocean chemistry, and human impact on marine habitats.

EDUCATION

OREGON STATE UNIVERSITY, 2024

BS of Science, Oceanography

PIERCE COLLEGE, 2020

AS in Science, Chemistry

SKILLS

DNA Extraction

CTD Rosette

Data Analysis