

Gwendolyn Heaton

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EDUCATION

Evergreen State College

Mar. 2023

Bachelor's of Science

Olympia, WA

- Gained foundational knowledge and laboratory experience in microbiology, chemistry, molecular biology, developmental biology, and field research in marine, riverine, and forest environments.

South Puget Sound Community College

Jun. 2020

Associates of Arts

Olympia, WA

- Biology and chemistry elective courses.

WORK EXPERIENCE

Puget Sound Estuarium

Mar. 2024 - present

Contact Educator

Olympia, Wa

- Assist in delivering hands-on field trips and education lessons for K-12 school groups throughout Thurston and Mason county.
- Lead beach investigations, deliver marine programs, and support Education Team initiatives

Puget Sound Estuarium

Nov. 2023 - present

Volunteer

Olympia, Wa

- Assist in estuarium maintenance, animal husbandry, and informing guests about the tanks and local ecology.
- Do independent animal husbandry for the aquarium animals and maintenance for the tanks weekly.

Boy Scouts of America

Jun. 2018 - Sep. 2018

Merit Badge Counselor

Snobomish, Wa

- Mediated conflicts between campers by conversation, discipline and escalation if needed.
- Organized and led a variety of small and large group activities, including yard games, arts and crafts, and tests.
- Promoted fun, safe and inclusive environment by monitoring activity of campers to identify and address behavioral issues.

SKILLS

I have experience conducting organic synthesis reactions and used FT-IR, GC, and GC-MS instruments to analyze results. I have experience using aseptic technique to grow microorganisms in a variety of cultures. I also have used BOD5 technique and calculations to examine groundwater flow in reference to pollution. I acquired bench skills in data collection and analysis, aseptic technique, DNA isolation, polymerase chain reaction (PCR), restriction digest, CRISPR, and bioinformatics. I kept detailed lab notebooks documenting my work in the lab as well.
