

Bryona Jackson

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Education

University of Pittsburgh

Aug. 2022 – Present

Dietrich School of Arts and Sciences

Molecular Biology Major

Chemistry Minor

Fredericks Honor College - Global Health Certificate

GPA: 3.789

Research

Foundations of Biology Research 1

Jan. 2023 – April 2023

Understanding how chemical stressors affect bioremediators. My group analyzed how different concentrations of NaCl affected both diploids and tetraploids.

Skills:

- Micro-pipetting
- Gel Electrophoresis
- Polymerase Chain Reaction (PCR)

Foundations of Biology Research 2

Aug. 2023 – Dec. 2023

Annotated the genome of a novel bacteriophage: Berries to find gene placement and gene functions.

Skills:

- Serial Dilutions
- Genome Annotation Tools: GeneMark, Starterator, Phamerator, Blast

Work Experience

Level I Tutor

Aug. 2023 – Present

Study Lab Tutor for introductory Biology and Chemistry Courses. Trained on different learning strategies, methods, and theories of learning.

Undergraduate Teaching Assistant

Jan. 2024 – Present

Assisting students alongside a professor with course materials. Responsibilities include holding office hours and attending lectures and recitations.

Awards

Ella P. Stewart Award

Aug. 2023

Awarded to undergraduate in biology for performance within the Biology Department at the University of Pittsburgh