

Aquila Chrysaetos
(585) 395-2159 | achryl@brockport.edu
Brockport, NY

Education

State University of New York at Brockport – Brockport, NY

May 2022

Bachelor of Science in Biology

GPA: 3.87

Honors: Dean's List all semesters, President's List Fall 2019

Relevant Coursework: Cell Biology, Anatomy and Physiology I & II, Genetics, Microbiology

Lab Skills

- Microdissection
- Use of Microtome to prepare tissue sections
- Isolating/Preparing DNA, RNA, and protein
- Database management
- Growing/Maintaining cell lines
- Biochemical cell characterization

Equipment

- Probes
- PH Meter
- PCR Machines
- Blotting Apparatuses
- High Speed Centrifuges
- Dual-Head Dissecting Microscopes

Related Experience

Stratos Genomics – Utica, NY

Fall 2021

Internship

- Helped a team of 10 researchers in conducting experiments contributing to the development of DNA sequencing technology.
- Conducted essential lab tasks such as reagent and sample preparation, basic chromatography, and lab maintenance.
- Designed primers, performed PCR reactions, analyzed results, and compiled totality of data in a database.

State University of New York at Brockport Biology Department – Brockport, NY

Spring 2020

Lab Assistant

- Prepared samples every other day for experiments to be conducted by classes of up to 45 students.
- Aided students in carrying out proper experimental procedures, interpreting results, and completing lab reports.

Publications

Capensis, T., Sparsa A., and Chrysaetos A. 2022. Reimagining DNA Sequencing: Technology of Tomorrow. *Biology Periodical* 89: 124-130.