

YOUR NAME

PITTSBURGH, PA | CELL # | yourname@gmail.com | [Linkedin URL](#)

EDUCATION

University of Pittsburgh, Pittsburgh, PA
Bachelor of Science in Microbiology

Expected May 2025
GPA: 3.7

SKILLS

Plasmid Mini Prep, Gel Electrophoresis, Primer Design, Gibson Assembly, Restriction Enzyme Digestion, Benchling, APE, Nanodrop Spectrophotometer, Polymerase Chain Reaction, Bacterial Transformations, Site Directed Mutagenesis (QuikChange), Gel Purification, Microsoft Office

RELEVANT COURSEWORK

General Chemistry 1 & 2 with lab, Organic Chemistry 1 & 2 with lab, Biology 1 & 2 with lab, Microbiology

RELEVANT EXPERIENCE

UMass Chan Medical School Department of Neurobiology, Worcester, MA

Undergraduate Lab Intern

June 2023--August 2023

- Interned in the UMass Medical School Neurobiology department to create plasmids that will be used to investigate temporal regulation of juvenile development in *C. elegans*
- Performed multiple polymerase chain reactions and Gibson assembly procedures to create new plasmids and then transformed the synthesized plasmids using bacteria and mini prepped them for plasmid isolation
- Designed and ordered quick change primers using applications like Benchling and APE

Department of Chemistry, University of Pittsburgh

Undergraduate Chemistry Teacher's Assistant

September 2022--April 2022

- Created weekly review sheets for 10-15 students to help reinforce what was taught in class
- Retought general chemistry II topics and answered questions about the material at weekly review session
- Assisted in proctoring midterm exams by handing out and collecting tests and reporting issues to the professor

Biogen-Adventures in Biotechnology High School Lab Program, Cambridge, MA

July 2018

Student Lab Tech

- One of 50 students selected to participate in this unique biotech program
- Effectively transformed blue fluorescent protein in E.coli into green fluorescent protein by mutating the amino acid sequence, isolating the new plasmid and transferring it back into E.coli
- Isolated and copied bacterial DNA to use for gel electrophoresis, polymerase chain reaction and gene transformation

LEADERSHIP EXPERIENCE

Black Action Society, University of Pittsburgh

Executive Secretary

April 2023--Present

- Prepare and distribute board meeting agendas and record weekly board meeting notes
- Maintain log of all board office hours and alert any members who aren't completing the set amount of hours
- Schedule and book all club events in the university event management system

Intercollegiate Community Support and Outreach (ICSO) Chair

April 2022--April 2023

- Communicated with other colleges in the area such as Carnegie Mellon University and Duquesne University to build strong relationships and community between black students across institutions
- Scheduled and planned shared events for organizations, including holiday celebrations
- Coordinated with and invited 4-5 esteemed professionals to speak at our annual speaker series