

EDUCATION

North Carolina State University – Raleigh, NC
Pursuing a Masters Degree in Microbial Biotechnology and an MBA

Aug 2022 - Expected Graduation
2025

University of North Carolina at Chapel Hill – Chapel Hill, NC
Bachelor of Science in Biology, Minors in Chemistry, Marine Science, and Environmental Science

Graduated in May 2021

- GPA 3.6

EXPERIENCE

Dr. Kingsolver's Lab – Chapel Hill, NC

Aug 2020 - May 2021

Research Assistant

- Assisted in identifying the impact of climate change on the parasitic relationship between *Manduca sexta* and *Cotesia congregata*
- Managed and maintained two insect colonies
- Cleaned and organized lab equipment and materials
- Maintained records of laboratory work and data ensuring 100% level of accuracy

Dr. Tucker's Lab – Chapel Hill, NC

June 2019 - March 2020

Research Assistant

- Managed and maintained four species of freshwater zooplankton
- Conducted an independent research project investigating how bloom conditions of *Microcystis aeruginosa* affect aspects of fecundity for *Daphnia magna* and *Moina micrura*
- Collected and analyzed data using R Studio
- Prepared media solutions to house zooplankton
- Facilitated experimental set-up for ecological competition studies between zooplankton species
- Operated an autoclave to sterilize lab equipment along with aseptic technique
- Ensured a clean and tidy lab space

LEADERSHIP AND COMMUNITY INVOLVEMENT

UNC Chapel Hill Department of Biology – Chapel Hill, NC
Peer Mentor for Molecular Biology and Genetics Course (BIOL 202)

Aug 2020 - May 2021

- Tutored a group of 20 students for 2 semesters
- Delivered office hour lectures twice weekly
- Prepared and updated educational materials weekly on MS Powerpoint

UNC Tribeta Honors Society – Chapel Hill, NC

Aug 2018 - May 2021

Service Coordinator

- Organized over 10 service events for a student body of 70+ individuals
- Independently created a climate-focused sub-committee that held 8 events over the course of 2 years