

<Your Name>

Address-1

Address-2

phone

email

OBJECTIVE

Recent graduate pursuing a B.S. in Biology and Chemistry with experience in population ecology research seeking seasonal ranger position

EDUCATION

Bridgewater State University, Bridgewater, MA; Bachelor of Science in Biology and Chemistry

May 2021

RELEVANT COURSEWORK

- Winter Ecology, Stream Ecology, Biometry (biostatistics), Geographic Information Systems
- Organic Chemistry, Physical Chemistry, Genetics, Cell Biology, Genetics, Viruses and Technology, Biochemistry, General Chemistry, General Biology

LABORATORY SKILLS

- Field work including hand sampling, IBM SPSS, microscopy, entomology work including sorting and separating by family, kicknet sampling, experimental design
- GC-FID, HPLC, TLC, IR-Spectroscopy, Bradford Assay, PCR, Western Blot, column chromatography, organic synthesis, recrystallization,

WORK EXPERIENCE

Student Researcher, Bridgewater State University, Bridgewater, MA

September 2017 – Present

Mentor: Dr. Christopher Bloch, Biological Sciences

- Awarded multiple Adrian Tinsley Semester Grants for group research
- Contributed to ongoing population and reproduction study of invasive Asian Shore Crab
- Presented research at a professional conference within the field of ecology
- Oversaw and mentored new lab members

Summer Researcher, Bridgewater State University, Bridgewater, MA

June 2018-August 2018

Mentor: Dr. Christopher Bloch, Biological Sciences

Co-Researcher: Mathew Driscoll, Student, Department of Biological Sciences

- Awarded competitive Adrian Tinsley Summer Grant (\$4000) to engage in 10 weeks of self-directed research
- Designed and executed original experiment investigating the relationship between geographic location and reproductive output of the Asian Shore Crab
- Coordinated field work of 12 sites across the New England coast
- Analyzed data and tested hypotheses using IBM SPSS
- Produced and presented final paper and accompanying poster at Student Arts and Research Symposium

Summer Intern, Chemic Laboratories, Canton, MA

Mentor: Mr. David Bresse, Manager of Manufacturing

- Trained in GC-FID and HPLC
- Designed multiple experiments to optimize large manufacturing batches of lactate ester with mentor's guidance
- Tested purities of in-process and final samples using GC-FID
- Assisted in maintenance of instruments
- Produced and presented final paper and accompanying presentation to upper level management

CONFERENCES AND PRESENTATIONS

American Chemical Society National Conference

Poster Presentation, Co-Authors S. Nellutla, I. Parsons, D. Bresse. *Bridgewater Early Apprenticeship Microcosm (BEAM) partnership between Bridgewater State University and Chemic Laboratories.*

Northeast Natural History Conference

April 2019

Poster Presentation, Co-Author C. Bloch. *An Analysis of Spatial Synchrony of Population Dynamics of the Asian Shore Crab*

Poster Presentation, Co-Authors C. Bloch, S. Kuyateh, and M. Driscoll *Effects of Prey Abundance on Egg Production of the Asian Shore Crab*

Northeast Natural History Conference

April 2018

Poster Presentation, Co-Authors C. Bloch and S. Kuyateh. *Relationship Between Egg Size and Development in Asian Shore Crabs with Correlation to Body Size*

EMPLOYMENT HISTORY

Peer Leader

January 2019 – Present

Subject Area Tutor

September 2019 – January 2020

Bridgewater State University – Bridgewater, MA

Server

TGI Fridays- Stoughton, MA

January 2020 – Present

Farm Hand

May 2018 – August 2020

Chipaway Stables – Acushnet, MA