

Bridget Reed

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EDUCATION

BRYN MAWR COLLEGE, Bryn Mawr, PA, 2016-2020

Bachelor of Arts in Biology with Chemistry minor, magna cum laude

- GPA: 3.7/4.0
- Awarded departmental honors from the Biology department
- Thesis: "Demystifying the Diagnostic Criteria for Endometriosis through Educational Measures and Blood Biomarkers as Pre-Diagnosis Tools"

RESEARCH EXPERIENCE

BRYN MAWR COLLEGE, Bryn Mawr, PA and Plum Island, MA

Student Researcher for Dr. Thomas Mozdzer's Lab, Academic years 2017-2019 (10 hrs/week) and Summer 2018 (10 weeks, full time internship)

- Received a \$5000 grant to contribute to the Marine Biological Laboratory's TIDE experiment by studying decomposition and respiration rates of marsh plants in eutrophic ecosystems
- Recorded CO₂ and CH₄ fluxes for the summer 2018 growing season using a greenhouse gas analyzer

EAGLES MERE CONSERVANCY, Eagles Mere, PA

Assistant Naturalist, May 2014 – August 2016 (part time internship) and Summer 2017 (10 weeks, full time internship)

- Led research initiatives concerning invasive plant species, white-tailed deer browsing, and diminishing song bird populations whose findings were culminated into 10 lay reports
- Developed weekly research projects for surrounding community engagement and education
- Trained four high school students in forest ecology research techniques

WORK EXPERIENCE

BRYN MAWR COLLEGE BIOLOGY AND CHEMISTRY DEPARTMENTS, Bryn Mawr, PA

Biology and Chemistry Teaching Assistant, Sep 2018 – May 2020 (10 hrs/week)

- Aided 20 students with titrations, dilutions, centrifuges, and spectrophotometry during weekly 4 hour lab periods and office hours
- Graded student lab reports and provide feedback on scientific writing and lab technique

BRYN MAWR COLLEGE BIOLOGY AND CHEMISTRY DEPARTMENTS, Bryn Mawr, PA

Chemistry and Biology Tutor, May 2018 – May 2020 (10 hrs/week)

- Created lesson plans prior to tutoring sessions to address students' concerns
- Tutored students individually and in groups
- Taught lecture concepts alongside professors during weekly recitation

PRIMITIVE PURSUITS, Ithaca, NY

Lead Wilderness Instructor May 2019 – September 2019 (full time position)

- Developed and taught children ages 5-15 a curriculum focused on forest ecology and stewardship
- Taught various primitive skills including friction fire making, plant identification, shelter making, etc.

BRYN MAWR COLLEGE, Bryn Mawr, PA

Dining Hall Worker, September 2016 – September 2017 (10 hrs/week)

- Aided in the preparation and distribution of dining hall meals

EAGLES MERE MUSEUM, Eagles Mere, PA

Museum Docent and Shopkeeper, May 2015 – January 2017 (full time position)

- Led tours through the museum and stocked, organized, and sold items from the gift shop

EXTRACURRICULARS AND LEADERSHIP

- Major Representative for the Biology Department at Bryn Mawr College, July 2018-May 2020
 - Managed a yearly budget of \$500 to spend on information sessions and events for students and faculty
 - Planned and led semesterly information sessions for the major to educate on major requirements and act as a peer consultant
 - Instituted new avenues for student faculty communication
- Green Ambassador for Pembroke East Dormitory at Bryn Mawr College, September 2016 -May 2017
 - Oversaw and led green initiatives within the dorm including recycling, composting, energy saving, and educational campaigns

PUBLICATIONS AND PRESENTATIONS

- Co-author for “Recovery of carbon cycle processes after the cessation of chronic nutrient enrichment” presented by Dr. Thomas Mozdzer at the CERF 2019 25th biennial conference.
- Co-author for “Grasses and Gases: Can a salt marsh recover from eutrophication?” present by myself and Sophie Drew at the annual Summer Research Poster Session at Bryn Mawr College

ADDITIONAL SKILLS

- Experience preparing, running, and analyzing samples via chromatography, MS, IR, and NMR
- Speaking, reading, and understanding French at an intermediate level
- Level I Tutor, certified through CRLA International Tutor Training Program
- Proficient in Microsoft suite and logger pro
- CPR and wilderness first aid certified through the Red Cross