

SARAH WEINER

434-566-9158

sfweiner22@gmail.com

EDUCATION

Bard College, Annandale-on-Hudson, NY 12504

B.A. May 2018, Biology concentrating in Global Public Health

WORK EXPERIENCE

Bard College

Annandale-on-Hudson, NY

Lead Research Technician

Summer 2018

Designed and maintained lab experiments focused on plant communities and habitat fragmentation in prairie landscapes for Cathy Collins, Ph.D. Supervised and coordinated daily activities of undergraduate research assistants; collected and cleaned data utilizing RStudio statistical programming language and Microsoft Office.

Bard College Emergency Medical Services

Annandale-on-Hudson, NY

Emergency Medical Technician

Fall 2014-Spring 2018

Provided emergency medical assistance on Bard College Campus as a licensed EMT in New York State. Demonstrated strong leadership skills as a supervisor to junior squad members and ability to work with a team; co-head of the Activities Committee.

International Rescue Committee

Charlottesville, VA

Casework Intern

Summer 2016, Spring-Summer 2017

Worked directly with new refugee arrivals to complete initial settlement procedures, including bus/grocery store orientation, applications for Social Security and Medicaid, transportation to medical screenings, and other casework tasks.

LEADERSHIP EXPERIENCE

Methods in Field Ecology

Annandale-on-Hudson, NY

Teaching Assistant

Spring 2018

Worked with Cathy Collins, Ph.D., to plan and teach lessons, helped students with assignments and projects, and organized a week-long trip to Firestone Center for Restoration Ecology in Costa Rica.

Bard Prison Initiative Student Organization**Annandale-on-Hudson, NY***Student Organizer and Tutor**Spring 2016, Fall 2016, Spring 2018*

Organized tutor schedules and lesson plans, coordinated campus wide events, and acted as a liaison between the student body and the Bard Prison Initiative. Tutored writing at Woodbourne Correctional Facility and biology at Fishkill Correctional Facility.

RESEARCH EXPERIENCE

Senior Research Thesis: The impact of climate on Lyme disease incidence in endemic and emerging regions of the northeastern United States | *Department of Biology, Bard College. 2017-2018 | Advisor: Felicia Keesing, Ph.D.*

- Developed models using climatic variables to determine incidence of Lyme disease

Research Assistant: Tropical rainforest restoration in Costa Rica | *Department of Biology, Bard College. Spring 2018 | Advisor: Cathy Collins, Ph.D.*

- Collected data in the field on tree condition and growth
- Analyzed data to investigate importance of species richness, evenness in rainforest restoration

SKILLS

- Experience with various field ecology methods, including camera traps, biomass estimation, DBH and root collar measurement, mark and recapture, seedbank sampling, collection of aquatic invertebrates
- Proficient in RStudio statistical programming language and Microsoft Office
- Basic Spanish and Vietnamese language

RELEVANT COURSEWORK

Plant Ecology

Field Methods in Ecology

Tropical Rainforest Restoration

Disease Ecology

Biostatistics

Ecology and Evolution

Global Change and Health

Genetics and Evolution

Science Literacy for Activists

Biotechnology and Infectious Disease

Advanced Evolution