

Education**University of Florida; Gainesville, FL****Ph.D. in Horticultural Sciences****Expected 2022**

Cumulative GPA: 4.00/4.00

Bachelor of Science in Biology**May 2018**

Cumulative GPA: 3.83/4.00

Minors: Plant Molecular and Cellular Biology, Sustainability Studies

Research Experience**Settles Lab – Plant Molecular and Cellular Biology****2018 - present**

- Identifying genetic loci linked to cold tolerance in sweet corn using GWAS.
- Developing a transgenic strategy to improve starch reserves late in seed development.
- Maintenance of field and greenhouse facilities.

DiGennaro Lab - Entomology and Nematology Department**2016 - 2018**

- Utilized molecular biology techniques to study the application of microsporidia as a potential biocontrol method on plant-parasitic nematodes.

Vulpe Lab - Center for Environmental and Human Toxicology**2015 - 2016**

- Cultured and enumerated *Daphnia magna* in aquatic tanks.
- Conducted acute toxicology and behavior studies as an indicator of water quality.

Teaching Experience**Emergency Medical Responder Lab Teaching Assistant****2018 - present**

- Demonstrated proper safety precautions and patient contact in trauma and medical scenarios.
- Assisted in teaching the Basic Life Support CPR course.

MCB3020L/MCB2000L Microbiology Lab Teaching Assistant**Spring 2017, Fall 2018**

- Provided hands-on help for students learning microbiological techniques in the lab.
- Graded assignments and contributed to lesson plans.

Campus and Community Involvement**Scientist in Every Florida School****2020**

- Visited a biology classroom in Forest Hill High School in West Palm Beach County
- Presented on maize genetics and genetic engineering.

Science Olympiad Event Supervisor**2020**

- Wrote and administered the exam for middle school division Indoor Agriculture Trial Event

Regional Science Fair Judge

- Judged Alachua County middle school science fair projects in the plant science category.

#GatorsBEATWaste Station Volunteer**2019 - present**

- Educating visitors about waste diversion opportunities at the Reitz Union including campus composting and recycling.

Lake Forest Living Classroom**2019 - present**

- Taught elementary school students how to garden and develop healthy eating habits in an after-school program.

UF Social Intern - University Relations**2017 - 2019**

- Created content for Instagram, Twitter, and Facebook with the University social media staff.
- Worked alongside advertising students to implement a popular video series.

Gators Going Green Assistant Director of Projects**2017 - 2018**

- Collaborated with the Office of Sustainability to promote recyclable cups at tailgates.
- Organized a food truck rally to raise funds for the Sea Turtle Conservancy.

Community Weatherization Coalition Energy Auditor**2016 - 2017**

- Completed training to be a volunteer energy auditor in the Gainesville area.
- Knowledgeable about reducing energy costs inside and outside homes.

UF Presidential Committee - Environmental Health and Safety (EHS) Committee**2016 - 2017**

- Communicated with Director of EHS about campus and lab safety.

Employment**UF Mail and Document Services - Sustainability Clerk****2016 - 2018**

- Contacted junk mail senders to remove recipients from mailing lists and to increase awareness about sustainability efforts on campus.
- Contact: Sylvia West, Postal Manager – email: campusmail@bsd.ufl.edu

Honors and Awards

Graduate Student Council Travel Grant 2019, 2019 National Gator Parent & Family Leadership Council Scholarship, Eta Sigma Gamma 2018 Condom Design Challenge Winner, Florida Rural Rehabilitation Corporation, Inc. Scholarship 2017-2018, University Scholars Program 2017-2018 Cohort, Biology Major Field Test 2017 - 97% percentile, UF College of Agriculture and Life Sciences Dean's List 2014 - 2019, Sigma Kappa Beta Tau alumna, Asian & Pacific Islander American Scholarship Fund/Wells Fargo 2014 Scholarship Recipient

Certifications

Emergency Medical Responder Certification

CPR and AED certification from the American Heart Association