

# Ana Musallet

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## Work Experience

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### University of South Florida Botanical Gardens

Tampa, FL

#### Administrative Intern

August 2021- December 2021

- Maximized vendor experience and customer turnout during the revitalization of our annual fall plant festival by contacting local news outlets through email and phone calls and distributing press releases. As well as personally answering vendor and customer questions via phone call or in person in the plant shop. Resulting in over \$90,000 in sales, over the course of the two day event.
- Advised and educated 15-20 customers per shift on the proper care and specialized needs of the plants purchased in the greenhouse. Answered phone calls from the public and answered their questions related to the garden itself, as well as event schedules, and how to care for plants they had purchased from our shop.
- Assisted in the general care and maintenance of garden grounds through propagation, planting, weeding, watering, and removing invasive species. Resulting in knowledge of botany and related skills.
- Improved garden accessibility by participating in laying down new paths, making the gardens wheelchair and stroller accessible.
- Identified the presence of various tree, and bird species present at the gardens, in collaboration with the USA National Phenology Network, which provides data necessary in tracking the impacts of climate change.

### Environmental Protection Commission of Hillsborough County

Tampa, FL

#### Wetland Intern

January 2021- May 2021

- Investigated 10-15 client permit applications per day through researching property history obtained from public domain websites, as well as county databases, and presented findings to the project supervisor.
- Created word documents and excel sheets that represented my research required for permit applications, enforcement and compliance notices for our clients. I would then enter the data to the commission's private online database.
- Assisted staff environmental scientists in conducting wetland delineations by creating tentative boundary maps using ArcGIS, and Pictometry. As well as documenting first hand findings in surveying the wetland in accordance with section 404 of the Clean Water Act.
- Observed and participated in weekly commission meetings, and documented minutes of the meeting, thus tracking the progression of each permit application, along with progression of enforcement cases.
- Participated in the assembly of a virtual community map outlining protected areas such as wetland conservation easements, as well as other relevant sites through the use of ArcGIS and Google Maps.

### USF Health Byrd Alzheimer's Institute

Tampa, FL

#### Research Laboratory Assistant

August 2018- December 2018

- Analyzed and documented behavior of both control and experimental live specimens as they were undergoing various memory related experiments, in order to track difference in success rates through the use of excel graphs.
- Prepared organic tissue samples through the process of histological slice sequencing, sectioning, mounting free-floating samples to slides, dyeing, and dehydrating the brain tissue in order to be examined through advanced imaging scanners.
- Summarized search results by preparing written reports, Excel graphs, fact sheets and tables for the head researcher.
- Maintained a clean and organized work space, by cleaning lab equipment and placing them in their designated storage locations.

## Education

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### University of South Florida

Tampa, FL

BS in Environmental Science and Policy | Minor in Astronomy

Graduated: December 2022

Relevant coursework: Environmental Science & Policy, Wildlife Research Methods, Environmental Law, Global Conservation, Labs (Chemistry, Geology, Environmental Science, Biology), Sustainable Development Goals, Wetland Environments, Economic geography

School organizations: Arabic Language Organization (Secretary Spring 2019), Student Environmental Association.

## **Professional Development**

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### **Beyond Waste Student Summit**

02/2020

I attended the leadership summit hosted by Post Landfill Action Network. As the appointed project manager of my group, I organized and delegated the simulated “Zero Waste Campus” project my group was assigned. I was able to gain leadership experience within the environmental sector.

### **USF STEM Academy Scholar**

08/2018

I was accepted to participate in Dr. Richard Pollenz’s STEM Academy program prior to my first semester of college. Through a week of workshops, I was introduced and taught various laboratory and research skills in both environmental research as well as chemistry. I was also taught technological methods for registering and analyzing data