

Taylor Sheriff

Flagstaff, AZ, 86005

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Education

Northern Arizona University, Flagstaff, AZ

[August 2018-Present]

M.S. in Biology

University of North Texas, Denton, TX

[August 2011-December 2016]

B.S. in Biology

Minor in Chemistry

Cumulative GPA: 3.6/4.0

Major GPA: 3.8/4.0

Research and Professional Experience

Graduate Research Assistant, Koch Laboratory

[August 2018-Present]

Northern Arizona University, Plant Ecophysiology

Flagstaff, AZ

Field Technician, National Ecological Observatory Network

[March 2017-July 2018]

Denton, TX and Tucson, AZ

- Classification and monitoring of phenological stages of local flora to track the seasonal progression of biological processes and observe indicators of biotic response to climate variability
- Plant diversity sampling to study changes in composition, distribution, and abundance of native and non-native plant species
- Measurement of herbaceous and woody biomass to understand trends in net primary productivity of particular ecosystems

Research Assistant, Ayre Laboratory

[January 2015-January 2016]

University of North Texas, Plant Physiology

Denton, TX

- Bimolecular fluorescence complementation to study activity of protein interaction in vivo to induce or repress flowering of cotton plants
- Induction of somatic embryogenesis in cotton plants
- Research into the photosynthetic productivity of transgenic cotton plants

Internships

Lake Lewisville Environmental Learning Area
Lewisville, TX

[May 2016-September 2016]

- Restoration and preservation of native Texas plants to restore natural prairie habitats

Botanical Research Institute of Texas
Fort Worth, TX

[July 2016-September 2016]

- Partnership with the GSA to create and research landscapes that increase habitats for pollinators, reduce water usage, and improve the ecosystem

Organizations

Association for Women in Science, Chapter Secretary

- Founding member of UNT chapter and primary liaison between local and national organization
- Fundraising for local non profit organizations, organizing and advocating for a panel discussion on current gender inequality in the STEM field, and ongoing education to general public

Beta Beta Beta Biological Honor Society, Former Chapter Secretary

- Held biweekly meetings for discussion of current scientific research and presentation of UNT faculty research

Native Plant Society of Texas

Honors and Awards

Graduate Teaching Assistantship
Dean's List
President's List
Dean's List

Fall 2018-Spring 2019
Spring-Fall 2016
Fall 2014-Spring 2015
Spring 2013-Spring 2014