

Trey Maddaleno

Undergraduate Chemist

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EXPERIENCE

Winikoff Research Lab, Computational Chemistry

MARCH 2019 - PRESENT

Use computational methods to analyze chemical systems

Research at West Virginia University REU Site, Goulay Lab

MAY 2019 - JULY 2019

Worked with graduate students studying a radical-neutral reaction using laser spectroscopy, as well as computational methods in order to determine dependencies of the rate coefficient. See link for poster.<https://tinyurl.com/y3albfgp>

EDUCATION

Putnam County R-1 High School — High School Diploma

AUGUST 2014 - MAY 2018

4.118 GPA, Valedictorian, drum major (2016 & 2017), numerous club positions including president of Future Business Leaders of America (2016-2017) and team captain for Scholar Bowl (2018)

Truman State University — Degree in Progress

AUGUST 2018 - PRESENT

3.91 GPA, completed courses include general chemistry, and calculus 2, currently enrolled in organic chemistry, physics, and calculus 3.

CURRENT POSITIONS (2019)

American Chemical Society — Historian

Maintain a record of the chapter's officers, activities, documents, and compile a report at the end of the academic year

College Democrats — Communications Director

Manage and curate social media, document events, and create press releases

SKILLS

Organization

Empathy

Constructive criticism

Spreadsheet software

HTML and CSS coding

Intermediate Photoshop

70 WPM typing

ADDITIONAL ON-CAMPUS ORGANIZATIONS AND ACTIVITIES

KTRM, student radio

Operate a soundboard, queue songs, and speak on-air

Alpha Chi Sigma

active in professional chemistry fraternity