

William Hachmeister

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Education

Holy Trinity Episcopal Academy

August 2015-May 2019

Highest Honors

Weighted GPA 4.5 out of 5.0

ACT 33/36

SAT 1410/1600

University of Florida

August 2019-Present

Current Major: Applied Physiology and Kinesiology (BS) (pre-med track)

Class of 2023

Research Experience

Khoshbouei Lab

June 2018-Present

Mentor: Fatima Shaerzadeh

- Assisted in Aging Project, looking at changes in microglia morphology in the Ventral Tegmental Area and Substantia nigra pars compacta of different age groups of mice.

AP Capstone Thesis

August 2017-May 2018

The Effect of Copper on the Growth Rate of Streptomyces griseus

- Studied the effect of copper concentration on the the growth of *Streptomyces griseus* as a model for uropathogenic *E. coli*, and possible implications to immunity to metal toxicity through the siderophore mechanism

Volunteering

Tutor for high school biology students

August 2016- May 2019

Youth Group Leader

July 2014- July 2017

Skills

CPR and AED certified by the American Heart Association

Open Water Scuba certified by PADI