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## **EDUCATION**

### **Agnes Scott College**

Decatur, Georgia

Bachelor of Science in Biology, May 2024

Major in Biology, Minor in Foundations of Artificial Intelligence

GPA: 3.93

## **RESEARCH EXPERIENCE**

### **The Role of Endosomal Trafficking in Dendritic Spine Morphology and Synapse Formation in SHANK3B +/- Mouse Model of Autism with Jennifer Larimore**

#### **Agnes Scott College Fall 2023**

- Worked with a diverse team of fellow scientists
- Utilized skills including sample preparation, animal care, and Western blotting
- Prepared and presented poster at Society for Neuroscience annual conference in November 2023

### **Expression of LAMP1 in a mouse model of autism with Jennifer Larimore**

#### **Agnes Scott College Spring 2023**

- Worked with a diverse team of fellow scientists
- Utilized skills including sample preparation, Western blotting, immunofluorescence, and data analysis
- Prepared and presented poster and oral presentation with findings following symposium guidelines

### **Native plant diversity in the Asheville Botanical Gardens with David Clarke**

#### **University of North Carolina at Asheville Summer 2023**

- Worked with a diverse team of fellow scientists
- Utilized skills including dichotomous key use, microscopy, carrying out surveys, and data analysis
- Prepared and presented poster at American Geophysical Union annual conference in December 2023

### **Carbon dioxide and agonistic behavior in crayfish with Diana Lancaster**

#### **Agnes Scott College Fall 2022**

- Worked with a diverse team of fellow scientists
- Utilized skills including experimental design, animal care, behavioral observation, data analysis
- Prepared and presented poster with findings following symposium guidelines

## **LEADERSHIP EXPERIENCE**

### **Resource Center for Math and Science**

Agnes Scott College, August 2022-present

Chemistry and Biology Tutor

- Led weekly workshops in Introduction to Chemistry and Introduction to Biology, combined lecture and question-and-answer components to address a broad variety of student concerns
- Held walk-in tutoring 8 hours per week in the Resource Center for Math and Science

### **Sophomore Class Atlanta Leadership Experience**

Task Force for Global Health, March 2023

Extern

- Participated in panel discussions and social events with employees on several projects in the Task Force to gain insight into global health operations

### **Skäld Literary Magazine**

Lakeside High School, August 2019-May 2021

#### Co-Editor

- Organized biweekly meetings for magazine staff and contributors to assemble a yearly publication of poetry, prose, and artwork submissions from the student body
- Coordinated themed events involving faculty, magazine staff, and fellow students to promote magazine submissions

#### **Springbrook Park**

Springbrook Park, December 2018-May 2021

#### Volunteer

- Aided in beautification (cleaning, weeding, mulching) at local park occasionally during school and weekly during summer
- Promoted information about volunteer opportunities to fellow members of community involvement-focused student organizations

#### **SKILLS**

Python, HTML, CSS, Excel, sterile technique, oral and written communication

#### **HONORS AND AWARDS**

Georgia Zell Miller Scholarship (Fall 2021-present)

Agnes Scott Elizabeth Kiss Trailblazer Scholarship (Fall 2021-present)

Agnes Scott Dean's Honor List (Fall 2021, Fall 2022, Spring 2023, Fall 2023)