

Deih Sian

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EDUCATION

Agnes Scott College

Bachelor of Science in Biology

GPA: 3.87

Honors: Elizabeth Kiss Trailblazer, Agnes Scott College Presbyterian Scholarship

Decatur, Georgia

Expected May 2023

EXPERIENCE AND LEADERSHIP

SUMMIT, Agnes Scott College

Legacy Leader

- Trained to facilitate discussions and reflection on the students' experience effectively prior to the start of the Legacy program
- Managed and guided around 20 students by serving as a role model and mentoring the students

Decatur, Georgia

August 2021

Stem Scholars Program, Agnes Scott College

Student Researcher, T. Leon Venable, Ph.D., mentor

- Synthesized and Characterization of [(arene)Ru]C₂H₂B₉H₉ Ruthnacarborane Clusters as potential Boron Neutron Capture Therapy (BNCT) Agents
- Collected data through analysis of TLC chromatography, crystallization, Ultra-Violet Visible Light, IR, and NMR spectra
- Contributed to weekly meetings with mentor and lab partners to discuss experimentally findings and perform experiments

Atlanta, Georgia

June 2021 - July 2021

Agnes Scott College, Biology Department

Student Researcher, Jennifer L. Larimore, Ph.D., mentor

- Formulated a question to examine the role of Zinc Finger Protein 292 and variants for a spectrum of neurodevelopmental disorders based on recent literature and knowledge
- Collaborated with a team of peers to evaluate the protein density of ZNF292 and actin using Western blot and the immunofluorescence staining of the dentate gyrus of the protein levels
- Completed a manuscript based on the results of the research by following the author guidelines for *Molecular Biology of the Cell*

Atlanta, Georgia

January 2021 - May 2021

Sophomore Class Atlanta Leadership Experience (SCALE), Agnes Scott College

SCALE Participant and Community Extern

- Analyzed the role of Agape Youth & Family Center's impact on underserved students and families of Atlanta, leaderships of the staff, and challenges
- Established a sustainability plan and marketing strategy with a team to meet the needs of Agape's future students

Decatur, Georgia

March 2021

Center for Digital and Visual Literacy (CDVL), Agnes Scott College

Learning Assistant

- Conduct one-on-one sessions training students to utilize software and visualization tools such as WordPress, Adobe Spark, and Canva
- Manage the CDVL's website by communicating with the market and communication committee as well as working with a team

Decatur, Georgia

February 2021 - Present

SKILLS

- *Software:* intermediate Google Docs, Slides, Drive; iMovie; Microsoft Word, Powerpoint