

Deih Sian

EDUCATION

Agnes Scott College

Bachelor of Science in Biology

GPA: [REDACTED]

Decatur, Georgia

May 2023

Global Journey

Islamic Art and Architecture (intercultural course with 1-week immersive)

Alhambra, Spain

January 2020

- Examined the contributions of Muslims to world civilization and how Islamic Art plays a crucial role in cultural identity through readings, research with a partner, and having discussions
- Attended Spanish and Arabic calligraphy workshops to prepare for the immersive travel and get an insight into how calligraphy is used in Islamic architect

RESEARCH EXPERIENCE

Agnes Scott College, Biology Department

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

Atlanta, Georgia

January 2021 - May 2021

- Formulated a question to examine the role of Zinc Finger Protein 292 and variants for a spectrum of neurodevelopmental disorder 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*

Finding Research in STEM (Virtual), Agnes Scott College

Independent Researcher under mentorship of M. Embree, PhD

Decatur, Georgia

June - August 2020

- Developed an understanding of ways to look for undergraduate research opportunities
- Composed a Curriculum Vitae and professional email inquiry with the aid of a supervisor

PRESENTATIONS AND PUBLICATIONS

- **ZNF292 gene and its relation to Autism Spectrum Disorder.** Carlie Charles, Lillie Fraklin, Deih Sian, Jennifer Larimore. Presented at SpARC, Agnes Scott College, Decatur, Georgia, April 26, 2021.

LEADERSHIP

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

Learning Assistant

Decatur, Georgia

February 2021 - Present

- 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

Sophomore Class Atlanta Leadership Experience (SCALE), Agnes Scott College **Decatur, Georgia**
SCALE Participant and Community Extern *March 2021*

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

Interdisciplinary Leadership Course, Agnes Scott College **Decatur, Georgia**
Liberty Leading the People: Studies in French Feminisms *August - December 2019*

- Researched how many perceived feminine practices in France were used to subjugate women
- Collaborated with a team of three to create a 10-minute podcast, contributing research and digital editing to the group's success

Summer Vacation Bible School, First Presbyterian Church **Savannah, Georgia**
Teaching Assistant *June 2015 - June 2019*

- Coordinated with teachers and administrators in creating a successful learning environment
- Instructed and enforced discipline on students under the supervision of teachers

Children and Adult Handbell Choirs, First Presbyterian Church **Savannah, Georgia**
Group Member *January 2014 - April 2019*

- Sightread music sheets and learned to memorize music pieces along with hand coordination
- Assisted children with hand coordination and reading/counting music notes for playing the handbells

HONORS AND AWARDS

- STEM Scholar for funded research Summer 2021
- Elizabeth Kiss Trailblazer: 4 year, academic merit
- Agnes Scott College Presbyterian Scholarship: 4 year, academic merit

LABORATORY SKILLS

Western Blot, titration, PCR, pipetting, filtration, UV-visible spectroscopy, infrared spectroscopy, crystallization, TLC

OTHER SKILLS & CERTIFICATIONS

- *Certifications:* CITI Collaborative Institutional Training Initiative
- *Technical Software:* Proficient in WordPress
- *Office Software:* Intermediate in Microsoft Excel, PowerPoint, Words
- *Languages:* *bilingual proficiency in English and Tedim (Zomi); understand conversational Spanish*