

Duraneisha Firmin
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EDUCATION

Tennessee State University, Nashville, TN Aug 2025- present
PhD Biomedical Science

Texas A&M University, College Station, TX Dec 2019
M.S. Biomedical Science
Academic Advisor(s): Katarina Ojala & Demetria Cooper

Prairie View A&M University, Prairie View, TX May 2018
B.S. Biology, minor in Chemistry
Academic Advisor: Quincy Moore

RESEARCH/ PROFESSIONAL INTEREST

Female reproductive health, hospital administration, Anatomy and Physiology,
Pathophysiology

EXPERIENCE

Junior College Instructor June 2024- July 2025

- Tasked with teaching Anatomy and Physiology I & II to MRI students

University adjunct Professor Aug 2024- May 2025

- Taught Introductory Biology I & II lecture and lab, Anatomy and Physiology lab, and Pathophysiology lab

Lab Instructor Aug 2020-May 2023

- Specializing in Anatomy and Physiology Part I & II
- Created case studies, practical exams, lecture material, and weekly assignments.
- Also held lecture review sessions, tutoring, and assisted in lecture teaching.

Teaching Assistant Aug 2018-Dec 2018 & Aug 2019-Dec 2019

- Taught BIOL 111 – Introductory Biology for undergraduate freshmen
- Taught BIOL 351 – Microbiology for undergraduate juniors/seniors
- Assigned grades, prepared quizzes, final exams, and student evaluations

AVID tutor for Hearne ISD Jul 2018-Aug 2018

- Taught math and science to high school students

Biology tutor for Prairie View A&M University Aug 2017- May 2018

- Specializing in microbiology, anatomy and physiology, and Organic Chemistry 1 for lowerclassmen undergraduates

Mentoring Incoming undergraduate freshmen Aug 2016-May 2018

Sales Associate May 2015-Jan 2016

- Walmart Pearland, TX
- Best recognized for upholding high ethical standards, respect, and professionalism in the workplace

Apprentice intern

May 2017-Aug 2017

- Nightlight Pediatric Urgent Care Webster, TX
- Established a sense of professionalism, as well as ethical standards

Cashier and Sales Associate

Jul 2013-Aug 2014

- Once Upon a Child
- Ensured accurate prices and quantities, as well as proficient math skills, customer service friendly

COURSES MASTERED

Gross Anatomy, Pathophysiology, Microbiology, Endocrine Toxicology, Immunology, Organic Chemistry, General Biology, Anatomy and Physiology

RESEARCH EXPERIENCE

Research Assistant for Prairie View A&M

Nov 2016

- Dr. Gloria Regisford
- Bioinformatics- encompassing modeling and image analysis

Research Assistant and Laboratory Manager for TAMU

Jul 2019-Dec 2019

- Dr. Guichun Han
- Endocrine effects on G-protein receptors of the cardiovascular system
- Overall organization of the lab atmosphere

Anatomy and Physiology research project

May 2017-Jul 2017

- Dr. Cleveland Lane
- Groups of 3 presentations to demonstrate the effects of different senses on neurological activity.
- Mastered Microsoft Excel to create graphs, pie charts, etc.

CONFERENCE PRESENTATIONS

Annual Biomedical Research conference for Minority Students research finalist
Topics in Genomics Senior research presenter

HONORS AND AWARDS

Texas Graduate Grant recipient (TAMU)

Graduate (PVAMU) Honors

Distinguished Achievements program (DAP) graduate

PROFESSIONAL MEMBERSHIPS

Certified Peer Educator

National Society of leadership and success

American Association for Cancer Research

Beta Beta Beta National Biological Honor Society - *secretary*
National Institute of Science
Undergraduate Medical Academy

PUBLICATIONS

McCallister, M., Firmin, D., Bonner, K., Caudle, C., Martin, E., Cooney, K., & Saraswati, S.
(2025). *A practical approach to pathophysiology laboratories*. Internal lab manual, Tennessee State **University**.

REFERENCES

Marcella Samuel, MPP, GPC
Department of the Interior
National Park Services
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cmgadmin@gmail.com