

MIRIAM SANDERS

1411 Hensel St
College Station, TX 77840
mmsanders@tamu.edu

RESEARCH INTERESTS

My educational research interests include mathematics intervention, culturally responsive mathematics instruction, and female students' STEM career interests.

EDUCATION

Ph.D. Student, Curriculum & Instruction August 2020-present
Texas A & M University, College Station, Texas

B.S. Mathematics May 2018
Texas State University, San Marcos, Texas

Minor: Secondary Education

PROFESSIONAL LICENSES

CITI Research Certified August 2020

Texas Educator Certificate
Mathematics Grades 7-12 May 2018
ESL Supplemental Grades 7-12 June 2019

EMPLOYMENT HISTORY

Night Camp Director for Aggie Summer STEM Camp January 2022 – July 2022
Texas A&M University, Aggie STEM, College Station, Texas

Graduate Assistant Research for *JUME* August 2021-Present
Texas A&M University, Aggie STEM, College Station, Texas
As Assistant Editor for the *Journal of Urban Mathematics* responsibilities include updating manuscript flow; requesting/reminding reviewers and editors; and assisting in organizing Editorial Team meetings.

Graduate Assistant Non-Teaching for Dr. Marlon James May 2021-August 2021
Texas A&M University, TLAC, College Station, Texas
Responsibilities include assisting with the research/design of the Content Analysis Final Project of the 1776 Unites Curriculum and 1619 Curriculum using the framework of CRT as well as grading student assignments.

Aggie STEM Camp Instructor

June 2021 & July 2021

Texas A&M University, Aggie STEM, College Station, Texas
Responsibilities include updating ACT/SAT Prep curriculum,

Teacher, Algebra 1/Strategic Learning for High School Math

August 2019-August 2021

Bryan ISD, Bryan High School, Bryan, Texas

Responsibilities include collaborating with Algebra 1 team to implement instruction and interventions; collaborating with Strategic Learning team to write curriculum for the new course; teaching face-to-face and online simultaneously; providing targeting interventions for at-risk students; coaching.

Teacher, Algebra 1 PreAP/On-Level, EOC Prep

August 2018-August 2019

Goose Creek CSID, Lee High School, Baytown, Texas

Responsibilities included collaborating with Algebra 1 PLC to develop/implement curriculum; plan targeted intervention and enrichment; providing SI; mentoring students (WINGS program); and teaching.

CONFERENCE PROCEEDINGS

Sanders, M., Bevan, D., Capraro, M. M., Capraro, R. M., & Young, J. R. (2022, April 22). *How productive is the productive struggle? Lesson learned from a scoping review* [Paper presentation]. Proposal accepted to the Annual Conference of the American Educational Research Association, San Diego, California, United States.

Sanders, M., Bevan, D., Capraro, M. M., Capraro, R. M., & Young, J. R. (2022, March 4). *Advancing the productive struggle: A scoping review* [Paper presentation]. Proposal accepted to the 49th Annual Conference of the Research Council on Mathematics Learning, Grapevine, Texas, United States.

Sanders, M. (2022, February 25). *Initiating critical change: Pre-service teachers' perspectives of mathematics instruction through the lens of ethnomathematics: A case study* [Paper presentation]. Proposal accepted to the Southwest Educational Research Association conference, New Orleans, Louisiana, United States.

McIntush, K. E., & Amin, S., Lambright, K., & **Sanders, M.** (2021, February 3-5). *Examining classroom management knowledge development among pre-service teachers: A content analysis* [Paper presentation]. Southwest Educational Research Association.

AWARDS & LEADERSHIP

Expanding Your Horizons Leader
Women in Science & Engineering

December 4, 2021

Mentor Undergraduate Student Researcher
Maximizing Achievement & Growth in Education Lab

September 2021-Present

Dean's Award for Exceptional Graduate Research

February 4, 2021

Service Coordinator, TLAC GSA

August 2021-Present

PROFESSIONAL ACTIVITIES AND MEMBERSHIPS

Graduate Student Association, Teaching, Learning, and Culture

August 2020-Present

Maximizing Achievement & Growth in Education
Research Lab

September 2021-Present