

## Education

M.Ed., Curriculum and Instruction - Secondary Mathematics

August 2017

- University of North Texas at Dallas

B.S., Computer Science

May 2005

- University of Texas at Dallas

## University Service

Adjunct Professor, University of North Texas at Dallas

Jan 2018 - present

- Provided instruction to university students in the following courses:

Algebra for STEM (MATH 1314)

Business Calculus (MATH 1190)

Elementary Probability and Statistics (MATH 1680 now MATH 1342)

Probability and Statistics for Teachers (MATH 1355)

Geometry and Measurement for Teachers (MATH 1353)

Algebra for Teachers (MATH 1352)

Numbers and Operations for Teachers (MATH 1354)

Lead Teacher, University of Texas at Dallas

June 2017 – April 2023

Future Comets Program

- Provide math enrichment to cohorts of middle school and high school students in preparation for college mathematics

SAT Math Instructor, University of Texas at Dallas

June 2010 – June 2015

College Readiness Initiative

- Provide instructional and test-taking strategies to urban high school students in preparation for the SAT

## Teaching

Mathematics Teacher

August 2012 - present

Mathematics Department, DeSoto High School

- Provided instruction high school students for courses in Algebra II, PreCalculus / PreCalculus PreAP (Honors), AP Calculus AB, AP Calculus BC, AP Statistics, IB Math Studies, Multivariable Calculus, and Linear Algebra
- PreAP / AP / Honors lead teacher and curriculum writer for Honors and AP Courses from 6-12

Mathematics Teacher

June 2008 – August 2012

Mathematics Department, Lincoln High School

- Provided instruction to high school students for courses in Algebra I, Geometry, Math Models, PreCalculus / PreCalculus PreAP, and TAKS Intervention
- Department Chair for Mathematics Department

## Publications

What Preservice Teachers Can Learn from Using Negotiated

November 2021

Learning to Create Authentic Engagement and Discourse in High School Mathematics

## Certifications

Computer Science 8 - 12

June 2012

Math 4 - 8 and 8 -12

June 2010

**Honors and Awards**

Most Influential Teacher, DeSoto High School  
Employee of the Month, DeSoto High School  
Employee Eagle Award, DeSoto High School  
Campus and District Teacher of the Year

August 2015  
February 2018  
May 2018  
May 2023