

Michelle Alejos, M.A.

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EDUCATION

Principal Certification Program (Educational Administration)

Texas A&M University-San Antonio, San Antonio, TX | 2021

Master of Arts in Mathematics Education (5-12)

Western Governors University, Salt Lake City, UT | 2012

Bachelor of Science in Mathematics

University of Texas at San Antonio, San Antonio, TX | 2007

CERTIFICATIONS

- Texas Principal as Instructional Leader (EC-12)
- Texas Teacher Certification in Secondary Mathematics (8-12)
- Texas Teacher Certification in Secondary Mathematics (4-8)

HIGHER EDUCATION TEACHING EXPERIENCE

Lecturer of Mathematics

Texas A&M University-San Antonio, San Antonio, TX | Fall 2026 – Present

Deliver full-time university instruction for entry-level mathematics courses, including co-requisite and dual credit.

Adjunct Mathematics Instructor (Part-Time)

University of the Incarnate Word, San Antonio, TX | Fall 2026 – Present

Instructor for entry-level math course Foundations of Practical Math (MATH 1308).

Adjunct Mathematics Instructor (Part-Time)

University of the Incarnate Word, San Antonio, TX | Fall 2013

Instructor for entry-level College Algebra (MATH 1304).

K-12 ACADEMIC LEADERSHIP EXPERIENCE

Academic Dean

Harlandale Middle School, San Antonio, TX | July 2022 – June 2024

Served as campus administrator overseeing academic programs, instructional quality, and student success initiatives. Evaluated, mentored, and coached faculty members using the Texas Teacher Evaluation and Support System (T-TESS) rubric. Managed institutional compliance and student support as the Campus 504 Site Coordinator and Testing Coordinator. Designed and facilitated professional development training for staff on data analysis, testing accommodations, and academic software.

Secondary Mathematics Coach

Harlandale ISD Curriculum & Instruction, San Antonio, TX | Nov. 2020 – 2022

Authored district-wide mathematics curriculum and benchmark assessments for grades 6–12. Coached secondary math faculty across multiple campuses on High-Quality Instructional Materials (HQIM) and instructional best practices. Mentored Multi-Classroom Leaders (MCLs) to scale effective teaching strategies across the district.

Mathematics Department Chair

Harlandale High School, San Antonio, TX | 2019 – 2020 School Year

Led a 20-member mathematics department, including general education and special education (SPED) faculty. Directed Campus Improvement Plan (CIP) initiatives for the math department and organized campus-wide STEM events.

Assistant Mathematics Department Chair

Harlandale High School (2017 – 2019) & McCollum High School (2010 – 2013)

Managed instructional technology inventories, serving as the lead facilitator for graphing calculators and software. Assisted the Department Chair with strategic scheduling, data disaggregation, and teacher mentorship.

SECONDARY TEACHING EXPERIENCE

Mathematics Teacher

Harlandale High School, San Antonio, TX | August 2025 – May 2026

Courses Taught: Honors Algebra 1, Algebra 1

Mathematics Teacher

Harlandale Middle School, San Antonio, TX | August 2024 – May 2025

Courses Taught: 8th grade Pre-AP Algebra 1, 7th grade Honors Math

Virtual Mathematics Teacher

HISD Harlandale at Home, San Antonio, TX | Sept. 2021 – May 2022

Courses Taught: 8th grade Pre-AP Algebra 1 online

Mathematics Teacher

Harlandale High School, San Antonio, TX | August 2014 – Nov. 2020

Courses Taught: Pre-Calculus, Geometry, Statistics, AP Statistics, Algebra 1

Other activities: Math Department Chair, Gamma Sigma Girls Sponsor

Mathematics Teacher

McCollum High School, San Antonio, TX | 2007 – December 2013

Courses Taught: Algebra 1, Algebra 2, Mathematical Modeling Applications, Pre-Calculus, AP Statistics

Other activities: Math Assistant Department Chair, Math Club Sponsor

HIGHER EDUCATION COURSES TAUGHT

Texas A&M San Antonio

Undergraduate Courses

MATH 0314 Support course for corequisite instruction

MATH 1024 Mathematics for Business and Social Sciences I Recitation

MATH 1314 College Algebra, College Algebra Corequisite

MATH 1324 Mathematics for Business and Social Sciences I

MATH 1351 Fundamentals of Mathematics II

University of the Incarnate Word

Undergraduate Courses

MATH 1308 Foundations of Practical Math

MATH 1314 College Algebra

INSTITUTIONAL PRESENTATIONS & PROFESSIONAL DEVELOPMENT

District & Campus Professional Development Sessions (2020–2023): Developed and delivered numerous individual and group workshops for secondary educators in Harlandale ISD. Topics included curriculum alignment, assessment design, student data disaggregation, instructional technology resources, and onboarding strategies for new teachers.

District Math Professional Development Sessions for Back-to-School (August 2021): Assisted with development and delivery of numerous individual and group math workshops for secondary educators in Harlandale ISD. Topics included curriculum alignment, assessment design, student data disaggregation, instructional technology resources, and onboarding strategies for new teachers.

Campus Professional Development Sessions for new teachers (September - December 2023): Developed and delivered group workshop sessions for new teachers at Harlandale Middle School. The September session was focused on grading practices for both progress reports and report cards, and making parent contact. The October session was focused on all the student special programs on our campus and where to find resources to support students in those programs. The December session was focused on closing out the first semester with closer look at grading practices, parent contact, and reflections on the classroom climate.

Campus Professional Development Session (October 2023): Developed and delivered individual and group workshops on use of a new learning platform called “Progress Learning” for middle school educators at Harlandale Middle School. Topics included the new instructional technology resource as a possible resource for all core subject areas for grades 6-8.

HONORS AND AWARDS

Noyce Scholar Awardee, NSF-funded Noyce Scholarship Program for Secondary math and science teachers | 2007

Semi-finalist, H-E-B Excellence in Education Award | 2012 – 2013

Nominee, H-E-B Excellence in Education Award | 2013 – 2014

SERVICE

Local ISD Service

Harlandale ISD

Family Math engagement nights, campus and district (annually 2009 – 2026)

District Family engagement nights (2020 – 2022)

Math Phi-esta Saturday events (annually 2015 – 2019, 2026)

Math Club Sponsor (2008-2013)

Gamma Sigma Sponsor (2017-2018)

Campus Athletic events administrator on duty (multiple events 2022-2024)

State and National Service

Panelist, National Science Foundation (NSF) for future Noyce Scholars

Panelist discussion to make recommendations to potential program officers of future awards, effectiveness of program attributes (2006)

Panel Reviewer, National Science Foundation (NSF)

Proposal review and discussion to make recommendations to program officers (2021)

AP Reader, College Board

Grading AP exams for AP Statistics with other panel members (2019, 2020, 2021)

PROFESSIONAL AFFILIATIONS & MEMBERSHIPS (PAST & PRESENT)

Mathematical Association of America

National Council of Teachers of Mathematics

National Council of Supervisors of Mathematics

Texas Council of Teachers of Mathematics

TECHNICAL SKILLS & MATHEMATICAL SOFTWARE

LMS Platforms: Canvas, Blackboard, Google Classroom, Progress Learning, Get More Math, College Board for Algebra 1 Pre-AP

Mathematical & Graphing Software: Desmos Online Calculator, Geometer's Sketchpad, TI-84+/HP Prime Emulators, TI-NSpire

Curriculum Frameworks: Agile Mind, Texas Essential Knowledge and Skills (TEKS) Alignment, HQIM, ELPs, ESF, Lead4ward
