

Curriculum Vitae 2024

Francesca Maria Keith, M.S.

Lecturer of Mathematics

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Educational Background:

2004-2006 M.S. in Applied Mathematics, University of Texas at San Antonio

2002-2003 B.S. in Applied Mathematics, University of Texas at San Antonio

2002-2003 Minor in Statistics, University of Texas at San Antonio

1983-1988 Aerospace Engineering, The University of Texas at Austin

Courses Taught

Texas A&M University - San Antonio

Math 1314 College Algebra

Math 1324 Mathematics for Business and Social Sciences I

Math 1325 Mathematics for Business and Social Sciences II

Math 1342 Introductory Statistics

Math 1350 Fundamentals of Mathematics I

Math 1351 Fundamentals of Mathematics II

Math 2312 Pre - Calculus

Math 2313 Calculus I

Math 3301 Biostatistics

STEM 4101 Jaguar Tracks

Academic Positions:

2017- present Lecturer, Department of Mathematics, Texas A&M University - San Antonio

2016 - 2017 Adjunct, Department of Mathematics, Texas A&M University - San Antonio

2013 - 2017 Adjunct, Department of Mathematics, Brown Mackie College

2006 - 2019 Adjunct, Department of Mathematics, Palo Alto Community College
2008 - 2012 Adjunct, Department of Mathematics, University of the Incarnate Word
2008 - 2019 Adjunct, Department of Mathematics, Wayland Baptist University
2007 Lecturer, Department of Mathematics, University of Texas at San Antonio
2007 summer Instructor for the Upward Bound Trio Program, University of Texas at San Antonio
2006 Adjunct, Department of Mathematics, Northwest Vista College
2004 Graduate research assistant for Dr. Betty Travis, Department of Mathematics, University of Texas at San Antonio
2003 - 2006 Teaching Assistant, University of Texas at San Antonio
2001 - 2003 Tutor, Tomas Rivera Center, University of Texas at San Antonio

Courses Taught:

University of Texas - San Antonio

Developmental Mathematics
Intermediate Algebra
Calculus Labs for the Calculus I

Tomas Rivera Center

College Algebra
Trigonometry
Calculus
Physics
Chemistry
Statistics

Northwest Vista Community College

Business Calculus
Intermediate Algebra

Palo Alto Community College

College Algebra
Elementary Algebra
Intermediate Algebra
Math for Liberal Arts Majors
Precalculus
College Algebra for Scientists and Engineers

University of the Incarnate Word

Math 1304 College Algebra
Math 2303 Intro Prob & Statistics

Brown Mackie College

College Algebra

Statistics

Dosage Calculation

Additional Skills:

- Computer Programmer in Fortran 77, Pascal, C++, and Java

Professional Organization:

- Member of the American Mathematical Society

Awards:

- The Dean's List from 2000 - 2006
- The National Science Foundation Scholarship 2000 - 2003
- Nominated as one of the best instructors at *University of Texas at San Antonio* in 2005

Service to the Department of Mathematics

2018 - Spring 2023 Math Club advisor.

Sevice to the College / University

2021 - 2022 Member of the Core Curriculum Committee

2017 - present Science Olympiad - Event Coordinator of the "We've Got Your Number" competition for Middle School and High School students

Service to the Community

2020 - Alamo Junior Academy of Science (AJAS) and the Alamo Regional Science and Engineering Fair (ARSEF)

2023 - Alamo Junior Academy of Science (AJAS) and the Alamo Regional Science and Engineering Fair (ARSEF)

Spring 2023 - I contributed data to an entry - level mathematics course assessment and the MATH program assessment lead by Dr. Elizabeth Leyva

2023 for the summer - Site Coordinator for the PREP Program for University of Texas at San Antonio.

The program was held at Texas A&M University at San Antonio.

I had the great pleasure of assisting Mr. Albert Alvarado.