

ANGELA ROSS

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EDUCATION

- 2005 **Masters of Science in Pure Mathematics, *University of Texas at Dallas***
- 1994 **Bachelors of Arts in Applied Mathematics & Statistics, *University of California at Berkeley***

OVERVIEW

- Fourteen years of teaching mathematics at an urban high school.
- Three years of administrative experience coordinating specialists' assignments and assessing productivity and outcomes in Project SEED, providing mathematics instruction to 7,000 students in the Dallas Independent School District. Contributed to restructuring program applications as outreach efforts led to program growth.
- Six years of teaching high-level mathematics to underrepresented elementary school students in an urban setting. Specialized teaching methodology focused on a non-lecture Socratic group-discovery format designed to permit children to discover mathematical concepts by answering a carefully planned sequence of questions.
- Ten years of experience in curriculum design for specialized mathematics teaching project, also for algebra, trigonometry, precalculus and calculus courses for junior high and high school summer intensive programs. Curriculum design extended to teacher training, staff development, and family/community workshops.
- Five years of varied assignments teaching calculus to incoming college engineering students and to lower division college students at the University of California, Berkeley, and teaching mathematics to junior high and high school students in summer intensives and afterschool programs.

EXPERIENCE

- June 2004 - Present **Teacher, *Warren Travis White High School, Dallas, TX***
Teach accelerated Algebra 2/Precalculus Pre-AP, Dual Credit Mathematic, AP Calculus AB, and AP Calculus BC. Have received many accolades for number of passing AP scores over the past ten years. Additional duties include mentoring a new teacher and curriculum writing.
- August 2017 - Present **Adjunct Faculty, *Brookhaven Community College, Dallas, TX***
Have taught College Algebra, Trigonometry, and Calculus I.
- August 2016- Present **Consultant, *NMSI***
Present calculus sessions to students throughout the United States, during Student Study Sessions.
- August 2015- Present **SAT Instructor, *University Crossroads, Dallas, TX***
Teach SAT Prep Sessions to students in the Dallas area.
- July 1996- October 2003 **Mathematics Specialist, *Project SEED, Dallas, TX***
Taught mathematics to a cross-section of different-ability-level, underrepresented, urban elementary school students, grades 2 through 8, with a focus on grades 3 through 6. The project emphasized a "class-intact" approach, keeping classmates together and teaching to all learning levels inclusively. Administrative duties included overseeing the program's professional development component. Was temporarily laid off during the 2001-02 school year due to budget reductions.
- January 2002- July 2003 **Adjunct Faculty, *Richland College, Dallas, TX***
Taught developmental math courses, part-time, to prepare students for college algebra.

- September 2001- October 2002 **Student Services Specialist, *Richland College, Dallas, TX***
 Worked along with the Educational Talent Search program in providing services to 6th through 12th grade students to encourage academic success and college attendance.
- August 1990- December 1995 **Instructional Facilitator, *Minority Engineering Program, Berkeley, CA***
 Lectured and taught calculus to lower division college students. Taught high-intensity calculus workshops in Summer Boot camp for incoming engineering college freshmen. Offered advice sessions for undergraduate “survival” and recommended scheduling and extracurricular options. As Assistant Director, hired and monitored instructional facilitators for all mathematics, engineering and science courses needed by our engineering students and monitored the progressed of their students.
- October 1990- April 1996 **Instructor, *Mathematics, Engineering, Science Achievement Program, Berkeley, CA***
 Taught junior high and high school students in MESA Summer Academy and Pre-College Academy. Co-taught afterschool mathematics and engineering project workshops for junior high school students and instructed elementary school students in mathematics. The students were of average to excellent ability and had shown interest in engineering. MESA targeted “minority” students, primarily African American and Hispanic, of various socioeconomic levels. Led motivational sessions to encourage continuation in math and science-related fields. Organized the yearly Northern California Regional MESA Parent/Student Conference with MESA statewide and assisted the Outreach Coordinator, Director, and Assistant Director in coordinating special events.
- March 1996 **Collaborator, *New Standards High School Math Assessment Conference, Oakland, CA***
 Developed and proofread mathematics problems for future publication through collaboration with public high school mathematics teachers and learning specialists.
- January 1993- May 1995 **Undergraduate Assistant, *Professional Development Program, Berkeley, CA***
 Assisted the Graduate Student Instructor in running an intensive discussion and problem-solving section for a college calculus course.
- Summer 1993 and 1994 **Math Library Assistant, *Dana Center, Berkeley, CA***
 Worked directly with the library’s math specialist to systematize an enriched math library.