

Name: Dr. Max Coleman
Title: Professor of Mathematics
Department: Mathematics and Statistics
College: Arts and Sciences

Degrees Earned

Degree, Major, (minor – optional), Institution, Year
Doctorate of Education, Mathematics Education, University of Houston, 1974
Master of Science, Mathematics, Indiana State University, 1965
Bachelor of Science, Mathematics, Indiana State University, 1964

Professional Licensure and Certifications

Secondary Teaching Certification in mathematics and chemistry

Peer-Review Publications and Artistic Performances/Exhibitions

Articles

Books

Coleman, M. (1992). Approaching Algebra Numerically [Texas Mathematics Staff Development Module 28]. Austin, TX: Texas Education Agency.

Coleman, M. (1992). Graphing Calculators in Algebra I [Texas Mathematics Staff Development Module 29]. Austin, TX: Texas Education Agency.

Chapters

Proceedings

Artistic Performances

Artistic Exhibitions

Research Monographs and Technical Reports

Funded External Grants

- 1) Received grant from Ohio State University to establish a Regional TRANSIT training site at Sam Houston State University. Selected as one of eight sites in the nation. 1991-1992

- 2) Received grant from Texas Education Agency to develop three training modules in algebra for the state and to train trainers (one from each TEA region) for the state on these modules. Summer 1992
- 3) Received two grants from Texas Higher Education Coordinating Board (THECB) Eisenhower Program: Critical Concepts in Algebra Using Technology. Summer 1992 and Summer 1993
- 4) Received grant from Texas Higher Education Coordinating Board (THECB) Eisenhower Grants Program: Critical Concepts in Geometry and Prob/Stat Using Technology. Summer 1993
- 5) Received grant from THECB Eisenhower Grants Program: Technology Enhanced Algebra for Mathematical Success. Summer 1997.
- 6) Received two grants from THECB Eisenhower Grants Program: Technology Enhanced Mathematical Modeling with Applications. Summer 1998 and Summer 1999.
- 7) Received grant from THECB Eisenhower Grants Program: Mathematical Modeling Across the Curriculum. Summer 2000.
- 8) Received grant from THECB Eisenhower Grants Program: Teaching Algebra Through Modeling. Summer 2001.
- 9) Received grant from THECB Eisenhower Grants Program: Enhancing Algebra Through Data Analysis Models. Summer 2002.
- 10) Received grant from THECB Eisenhower Grants Program: Enhancing Algebra Through Data Analysis Models. Summer 2003.
- 11) Received grant from THECB Eisenhower Grants Program: Teaching Algebra and Geometry Through Multiple Representation Models. Summer 2004.
- 12) Received Texas Quality Grant from THECB Eisenhower Grants Program: Teaching Algebra the TEKS Way. Summer 2005.
- 13) Received Texas Quality Grant from THECB Eisenhower Grants Program: Teaching Algebra According to the TEKS. Summer 2006.
- 14) Received Texas Quality Grant from THECB Eisenhower Grants Program: Teaching Algebra According to the TEKS. Summer 2007.

Peer-Review Presentations/Posters

Presented at conferences including: (1995-2006)

- National Council of Teachers of Mathematics (National and Regional meetings).
- Teachers Teaching with Technology Conference (National and Regional meeting).
- Conference on Advancement of Mathematics Teaching (State meeting).
- Conference on Teaching of Mathematics 6-12 (State meeting).

Work or Professional Experiences

Served on Advisory Committee of Dana Center for writing the Algebra I material to be used in the Texas Quality Grants for Algebra I. 2002-2003

Served on team selected by National Council of Teachers of Mathematics to evaluate mathematics programs for preparation of teachers of universities being visited by NCATE. Fall 1996 and 1998

Presented numerous workshops, including five-day series of workshops to secondary algebra teachers for Region VI Education Service Center and throughout the state, on using the graphing calculator in the classroom. 1996-present

Serve as Coordinator of Mathematics Education Program in Department of Mathematics and Statistics.

Serve as Conference and Program Director for the *Conference on Teaching of Mathematics 6-12* held annually at Sam Houston State University.

Advisor for all mathematics majors and minors obtaining a secondary teaching certificate.

Graduate advisor for students pursuing Master of Arts degree in mathematics.

Serve as University Interscholastic League (UIL) Regional Director responsible for all UIL Region III 4A high school academic and athletic contests. 1985-now.

Honors and Awards

Received first Lifetime Achievement Award from 1960 Area Council of Teachers of Mathematics. February 1999

Other Competencies