

**Vita for Max W. Coleman**  
Professor of Mathematics/Statistics  
Sam Houston State University

**Education:**

- 1974 Doctorate of Education, Mathematics Education, University of Houston  
1965 Master of Science, Mathematics, Indiana State University  
1964 Bachelor of Science, Mathematics, Indiana State University

**Work Experience:**

- 1972-Now Professor of Mathematics, Sam Houston State University  
1971-1972 Graduate Assistant, University of Houston  
1970-1971 National Science Foundation Fellow, Oklahoma State University  
1966-1970 Assistant Professor of Mathematics, Sam Houston State University  
1965-1966 Instructor of Mathematics, Arlington High School, Indianapolis, Indiana

**Membership in:**

- 1) National Council of Teachers of Mathematics
- 2) Texas Council of Teachers of Mathematics
- 3) Texas Association of Supervisors of Mathematics

**Grant Activity:** (since 1991)

- 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, 2006, 2007, 2008.
- 13) Received Texas Quality Grant from THECB Eisenhower Grants Program: Teaching Algebra According to the TEKS. Summer 2009-10.
- 14) Received Texas Quality Grant from THECB Eisenhower Grants Program: Teaching Algebra According to the TEKS. Summer 2011.

**Professional Activities and Accomplishments:**

- 1) Participated in a summit of 30 selected universities on An Innovative Pre-service Program to Integrate Mathematics and Science sponsored by NSF. 1991
- 2) Served on Board of Directors of Trinity-Brazos River Valley Council of Teachers of Mathematics. 1991-1993
- 3) 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
- 4) Presented at conferences including: (1995-2010)
  - 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).
- 5) 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
- 6) Received first Lifetime Achievement Award from 1960 Area Council of Teachers of Mathematics. February 1999
- 7) 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
- 8) Partner in ESC Region VI Texas Collaborative Grant. 2009-present.

**Publications:**

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.

Jones, D.L., and Coleman, M. (in press). Tapering Timbers: Conical Frustra Volume Formulas. *Mathematics Teacher*, National Council of Teachers of Mathematics.

**University Support Activities:**

- 1) Serve as Coordinator of Mathematics Education Program in Department of Mathematics and Statistics.
- 2) Serve as Conference and Program Director for the *Conference on Teaching of Mathematics 6-12* held annually at Sam Houston State University.
- 3) Advisor for all mathematics majors and minors obtaining a secondary teaching certificate.
- 4) Serve as University Interscholastic League (UIL) Regional Director responsible for all UIL Region III 4A high school academic and athletic contests. 198?-now.