

JOE MERCER
Instructor of Math

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CURRENT POSITION:

Teacher of Mathematics, West Mesa High School

EDUCATION:

1980-1989: Attended workshops at Digital Corporation and DECUS

1972: Completed all but dissertation for Ph.D. in Mathematical Statistics, University of Illinois

1967: M.S. in Mathematics, University of Illinois

1965: B.S. in Mathematics Education, University of Illinois

PROFESSIONAL APPOINTMENTS:

1999-present: Teacher of Mathematics at West Mesa High School

1993-1999: Substitute teacher for Albuquerque Public Schools (APS), including long-term assignments for Sandia High School, West Mesa High School and La Cueva High School; one semester full-time at Cibola High School; summer high school teacher for APS (Rio Grande, Valley, West Mesa, Sandia)

1973-1993: Mathematics and Computer Science teacher, Glenbrook North High School, Northbrook, Illinois

1979-1987: Part-time instructor in Mathematics and Computer Science, Oakton Community College, DesPlaines, Illinois

1972-1973: Mathematics teacher, Crownpoint High School, Crownpoint, New Mexico

1967-1971: Teaching Assistant in Mathematics, University of Illinois, Urbana, Illinois

PROFESSIONAL MEMBERSHIPS:

- National Council of Teachers of Mathematics (NCTM)
- Mathematical Association of America (MAA)
- Institute of Mathematical Statistics (IMS)

AWARDS:

- Who's Who Among America's Teachers (2004)
- Glenbrook North High School Outstanding Service Award (1983)
- University of Chicago Outstanding Teacher Award (1983)

SIGNIFICANT CONTRIBUTIONS:

Published the following articles:

"What Is Left to Teach If Students Can Use Calculators?"
Mathematics Teacher 85 (September 1992): 415-17

"Some Surprising Probabilities from Bingo"
Mathematics Teacher 86 (December 1993): 726-31

"Teaching Graphing Concepts with Graphing Calculators"
Mathematics Teacher 88 (April 1995): 268-73