

Abridged Vita

Connie S. Schrock
Emporia State University
Professor, Mathematics and Computer Science
Graduate and Undergraduate Faculty, Appointed 1988

Emporia, Kansas 66801
schrockc@emporia.edu
316-341-5631

I. Academic Degrees

Ph.D.	Kansas State University	1989	Mathematics Education
M.S.	Kansas State University	1987	Mathematics
M.A.	Emporia State University	1981	Mathematics
B.S.E.	Emporia State University	1977	Mathematics Education

2. Professional Experience

August 2001- Present Professor
Sabbatical Fall 2002 Taught in Emporia Public Schools
August 1994 – July 2001 Associate Professor
Fall 1993 Taught Geometry Emporia High School NSF Grant funded
August 1988 – July 1994 Assistant Professor
Department of Mathematics and Computer Science Emporia State University

August 1977 - May 1984 Mathematics Instructor, Chase County High School, USD 284
August 1982 - May 1984 District Microcomputer Coordinator- additional duty

3. Faculty and Administrative Load

Fall Semester, 2002

Taught at Emporia Middle School and Emporia High School on sabbatical

Spring Semester, 2003

MA 470 Teaching Middle and Secondary Mathematics
MA 112 Trigonometry
MA 792/793 Kansas Mathematics Standards
Supervision of 3 Mathematics Student Teachers

Summer, 2003

MA 793 Meeting the Kansas Math Standards

Other Collegiate Assignments, 1997-2003

Kappa Mu Epsilon (Mathematics Student Honors Fraternity); Corresponding Secretary
Scholarship Advisor, Faculty Advisor, Chi Omega Fraternity, 1994 - Present
Member, Council on Teacher Education, Appeals committee member 1990 - present
Memorial Union Board of Directors, Faculty Representative 1998- Present
Mathematics Promotion Committee, Fall 2002 (while on sabbatical)
Mathematics Assessment Committee
ADA Advocacy/Advisory Committee, 1999-2003
Advisor: 23 undergraduates

4. Current Professional and Academic Association Memberships (* meetings attended)

*National Council of Teachers of Mathematics

Appointed Chair of NCTM's NCATE committee to create the inservice training for the NCATE Mathematics Standards, 2003-2004

Appointed Chair of NCTM's NCATE committee to write the National Mathematics Teacher Standards July 2001- October 2003, Co-Program Chair for NCTM Central Regional Conference, Topeka, Ks. November 9-11, 1999, NCTM Kansas City Central Regional Conference, Program Committee Member, 10-12 October 1996

*Kansas Association of Teachers of Mathematics, President 1996-1997

Executive board member 1995-1999

Co-chair for Statewide Mathematics and Science Conference November 1997

*National Council of Supervisors of Mathematics

*Association of Mathematics Teacher Educators

*Kappa Mu Epsilon; Corresponding Secretary ESU Chapter

Elected National Historian Spring 2001

Phi Delta Kappa

Association of Teachers Educators

School Science and Mathematics Association

Association for Women in Mathematics

5. Recent Professional Assignments and Activities

National Council of Teachers of Mathematics NCATE Task force, Chair, 2001 - 2003

NCTM'S NCATE Committee to create in-service on the Mathematics Standards

Reviewer for PRAXIS Mathematics Exams, Topeka, KS July 2002

Reviewer for *For All Practical Purposes* 6th Edition, by COMAP Acknowledged page xviii

Reviewer for NCTM journal, *Mathematics Teacher*

Kappa Mu Epsilon National Historian, Co-editor of *The Pentagon*

Four NCA/QPA visiting team member

Inservice presenter, across Kansas

State Chair for Mathematics Committee for KSBE regulations for Mathematics 2000-2001

Consultant, Spring Hill Public Schools, Grand Island Public School Nebraska, Virginia Beach

Public Schools Virginia

Reviewer of Mathematics Curriculum, Olathe Public School

6. Selected Publications

"Kappa Mu Epsilon News" edited by Connie Schrock, KME Historian, *The Pentagon*, Volume 61 Number 2 Spring 2002, Volume 62 Number 1 Fall 2002

"Math Connections: Could Handedness be genetic?... A Critical Thinking Problem for Groups" Connie Schrock & J.R. Schrock, *Kansas Science Teacher, Journal of Mathematics and Science Teaching*, Vol. 14. Spring 2002

"Problem Solving - What is it?" *Journal of School Improvement* North Central Association Commission on Schools Fall 2000, Volume 1 Issue 2

"Mathematics Connections? What does that Mean?" Association for Supervision and Curriculum Development Yearbook, Published Feb. 1997 *KASCD Record* (backdated Spring 1996 due to some missing issue.)

"The Geometer's Sketchpad and Classroom Activities" *Kansas Science Teacher*. Spring 1998, Vol. 13 Science and Mathematics Education Center ESU

"Math Added Today Multiplies Tomorrow" Public Service Announcement Created and Supervised for Kansas Association of Teachers of Mathematics, 2 video and 2 radio segments Spring 1997

"From Your President Connie Schrock" *Bulletin of the Kansas Association of Teachers of Mathematics*, February 1997, Vol. 71, No. 3

"Mathematics Connections? What does that Mean?" Association for Supervision and Curriculum Development Yearbook, Published Feb. 1997 *KASCD Record* (backdated Spring 1996 due to some missing issue.)

7. Selected Papers Presented

"The NCATE Mathematics Standards," NCTM's 81st Annual Meeting, 11 April 2003, San Antonio, Texas.

"The Proposed NCATE Mathematics Standards: Your Input Please," AMTE 7th Annual Conference, 30 January 2003, Atlanta, Georgia

"Toilet Paper, Populations and Mathematical Modeling," NCTM's 80th Annual Meeting, 22 April 2002, Las Vegas, Nevada

"NCATE Standards - Come and provide your input," NCTM's 80th Annual Meeting, " 22 April 2002, Las Vegas, Nevada

"Paper Rolls, Populations, Yellow Traffic Lights, and Mathematical Modeling," NCTM Regional Conference Oklahoma, OK, 21 February 2002

"Training Teachers from Pre-service to Student Teachers to the First Year," NCSM 33rd Annual Conference, Orlando, Florida 2 April 2001

"Problem Solving Practices Connecting to other Disciplines," NCSM 32nd Annual Conference, Chicago, Ill. 10 April 2000

"In-service Ideas to Help Improve Problem Solving Across the Curriculum," NCSM 31st Annual Conference, San Francisco, CA 21 April 1999

"Using Probability and Statistics in the Middle Grades," NCTM Regional Conference, Calgary, Canada, 24 October 1998

"What are the Chances? Probability & Statistics to Connect Mathematics," NCTM 75th Annual Meeting, Minneapolis, Minnesota, 18 April 1997

8. Selected Grants Funded

Funded Eisenhower Professional Grant, "Operation M.A.T.H. (Mathematics and Technology Help) written with Jean Morrow and Rene Eggars Funded 1999-2000

NSF Instrumentation Grant Funded August 1994, Connie Schrock, William Simpson, Elizabeth Yanik, Joe Yanik

NSF Grant "A Collaborative Partnership Between High School and University Mathematics Teachers," Funded March 1992 Connie Schrock, Elizabeth Yanik, Joe Yanik

9. Other Honors

XI PHI Outstanding Faculty Award, 1999

Liberal Arts and Science, Emporia State University, Award for Excellence in Teaching, 1997-1998

Liberal Arts and Science, Emporia State University, Award for Excellence in Service, 1990-1991

