

## **Curriculum Vita**

### **Karen Spike**

Department of Mathematics and Statistics  
University of North Carolina at Wilmington  
601 South College Road  
Wilmington, NC 28403-5970

Phone: 910.962.3823 E-mail: [spikek@uncw.edu](mailto:spikek@uncw.edu)

Web site: <http://people.uncw.edu/spikek>

## **Education**

M.A. in Mathematics, Eastern Michigan University, Ypsilanti, Michigan

B.A. in Mathematics, Eastern Michigan University, Ypsilanti, Michigan  
(with state certification in teaching secondary Mathematics)

## **Professional Experience**

Lecturer in the Department of Mathematics and Statistics, University of North Carolina at Wilmington,  
1979- present

Tutoring in algebra and geometry (while homemaker and mother)

Teacher, Nordonia High School, Summit County, Ohio,

Teaching Assistant, Eastern Michigan University, Ypsilanti, Michigan

## **Other Professional Experience**

I have taught a number of workshops for through the Science and Mathematics Education Center. Most of these were for elementary and middle-school teachers and were to further those teacher understanding of mathematics topics taught at those grade levels.

I have also taught workshops through UNCW's Division for Public Service and Extended Education. Some of the classes were for high school students who were preparing to take the SAT test and others were for female middle-school students to increase their interest and understanding of mathematics.

### **MOST RECENT EXPERIENCE**

Presentation of *Course Content, Objectives, and Goals for MAT 141 & 142, Math I and II for Teachers K-9* at North Carolina Mathematics Association of Two-Year Colleges (NCMATYC) Conference March 14, 2003, Wilmington, NC.

I participated in Preparing Mathematicians to Educate Teachers (PMET) Workshops August 2003, and June 2004 at Appalachian State University. Sponsored by the Mathematical Association of America these workshops were on teaching mathematics for elementary teachers.

I also I participated in Preparing Mathematicians to Educate Teachers (PMET) Workshop June 2005 at NCA&T. Sponsored by the Mathematical Association of America this workshop was on teaching mathematics for middle grades teachers.

I was a reviewer for the 8<sup>th</sup> edition of Mathematics for Elementary Teachers by Musser, Burger & Peterson.

## **Areas of Academic Interest**

Mathematics Education and Technology in Teaching Mathematics

## **Membership in Professional Societies**

National Council of Teachers of Mathematics (NCTM)

North Carolina Council of Teachers of Mathematics (NCCTM)

Mathematical Association of America (MAA)