

**Name:** DIANA F. STEELE

**Rank:** ASSISTANT PROFESSOR

I. LENGTH OF SERVICE TO NIU

Diana Steele has been in the Department of Mathematical Sciences at Northern Illinois University since 1996.

II. DEGREES EARNED AND PREVIOUS EXPERIENCE

Diana Steele received her B.A. from Morris Harvey College (Charleston, WV) in 1973, her M.A. from West Virginia University (Morgantown) in 1985, her B.S. from University of Charleston (WV) in 1986, and her Ph.D. from University of Florida (Gainesville) in 1995.

She taught in public and private schools in West Virginia from 1973-86, grades 1-10, served as an instructor in mathematics at University of Southern Indiana (Evansville) from 1986-89, she served as instructor in mathematics at Buffalo State College (New York) from 1989-91, she served as assistant professor at the University of Nebraska-Lincoln from 1995-96, and served as assistant professor at Northern Illinois University from 1996-present.

III. NUMBER OF YEARS OF SCHOOL EXPERIENCE/CERTIFICATION

10 years of teaching experience in public and private elementary and secondary schools, completed 1-8 teaching certificate in 1973 in concentrations of Science and Social Studies, completed K-12 teaching certificate in 1986 in Mathematics.

IV. NAMES AND CATALOGUE NUMBERS OF UNDERGRADUATE AND GRADUATE COURSES TAUGHT IN THE LAST 5 YEARS

Math 402, Math 410, Math 416, Math 492A, Math 492B, Math 510, Math 511, Math 512, Math 517

V. UNIVERSITY AND DEPARTMENTAL RESPONSIBILITIES/DISTINCTIONS (such as serving as an adviser for the math club)

Serves on Advisory Committee, Serves Teacher Education Committee, Coordinator for MATH 402, Budget Director for Mathematics Lab, Advisor to undergraduate students in Mathematical Sciences

VI. OTHER SIGNIFICANT RESPONSIBILITIES/DISTINCTIONS (such as serving as a board member for a professional organization)

Elected to serve on conference committee for Research Council for Mathematics Learning.

*Grant Measuring Up: A Middle School Experience* featured in *Teacher Success: A Report of the State Higher Education Executive Officers*, July, 1999, United States Department of Education (co-directed with H. Khoury).

Article "Math instruction and assessment: Preventing anxiety, promoting confidence" published in *Schools in the Middle* chosen to be reprinted in *Education Digest*, Winter, 1998.

VII. FIVE PUBLICATIONS REPRESENTING AREAS OF PROFESSIONAL EXPERIENCE AND INTEREST

1. A Look at Keeping Middle School Students Engaged in Mathematics Classes. (1997). *In the Middle*, 15 12-15.
2. Practitioner's Research: A Study In Changing Preservice Teachers' Conceptions About Mathematics And Mathematics Teaching and Learning. (1997). *School Science and Mathematics*, 97, 184-191.
3. Look Who's Talking: Discourse in A Fourth-Grade Class. (1998). *Teaching Children Mathematics*, 4, 286-292.
4. Math Instruction and Assessment Preventing Anxiety, Promoting Confidence. (1998). *Schools in the Middle*, 6, 44-48.
5. Learning Mathematical Language In The "Zone of Proximal Development." (1999). *Research into Practice* section of *Teaching Children Mathematics*, 6, 38-42.