

Carmen M. Latterell, PhD

Associate Professor of Mathematics
Department of Mathematics and Statistics
University of Minnesota Duluth

Degrees

PhD	University of Iowa	Mathematics Education	2000
MS	University of Minnesota	Mathematics	1991
BA	College of St. Scholastica	Mathematics	1988

Employment

Associate Professor of Mathematics. University of Minnesota Duluth. 2006-current.

Assistant Professor of Mathematics. University of Minnesota Duluth. 2000-2006.

Instructor of Mathematics. University of Minnesota Duluth. 1991-1997.

Secondary School Teacher in Mathematics. Independent School District #698. Floodwood, MN. 1988-1989.

Selected Grant

P.I. "GK-12: Graduate Fellows in Science and Mathematics Education." NSF Graduate Teaching Fellows in K-12 Education (GK-12). \$2,931,798. 7/01/07—6/30/12.

Books

2007. *Helping students prepare for college mathematics placement tests: A guide for teachers and parents*. Lanham, MD: Rowman & Littlefield Education.

2005. *Math wars: A guide for parents and teachers*. Westport, CT: Praeger Press. [This book has also been translated into Korean and reprinted in paperback.]

Selected Articles

2008. How do students study? *MAA Focus*, 28(5), 12-13.

2008. A snapshot of ten preservice secondary mathematics teachers. *Issues in the Undergraduate Mathematics Preparation of School Teachers: The Journal*, Volume 1 (Content Knowledge). Available online <http://www.k-12prep.math.ttu.edu>.

2007. Mathematicians are interesting people! *Ohio School Journal of School Mathematics*, 56, 7-10.

2007. (with Todd Frauenholtz) Causes and possible solutions to the mathematics college readiness problem. *Research & Teaching in Developmental Education*, 24(1), 8-16. [This article received the 2007-2008 "Outstanding Research" award given by New York College Learning Skills Association.]

2007. What is being taught in secondary mathematics in the USA? A look at state standards. *Mathematics and Computer Education*, 41(3), 197-205.

2007. Today's mathematics students. *Montana Mathematics Enthusiast*, 4(1), 66-72.

2006. (with L. Deneen). Evaluating a program to increase faculty use of technology in teaching and learning. *e-JIST*, 9(2). Available online <http://www.usq.edu.au/e-jist/>

2006. (with T. Frauenholtz). A 'reform' placement test. *Research and Teaching in Developmental Education*, 23(1), 5-18.

2006. CPMP III versus Algebra II. *FOCUS: On Learning Problems in Mathematics*, 28(2), 20-36.

2004. (with K. A. Wohlhuter). Beginning secondary mathematics teachers: A snapshot across one state. *FOCUS: On Learning Problems in Mathematics*, 26(1), 23-33.

2003. An action research study: Teaching a mathematics foundations class through discussion. *LATM Journal*, 2(1). Available online <http://www.selu.edu/orgs/LATM/>.

2003. (with L. Copes). Can we reach definitive conclusions in mathematics education research? *Phi Delta Kappan*, 85(3), 207-211.

2003. (with R. R. Regal). Are placement tests for incoming undergraduate mathematics students worth the expense of administration? *PRIMUS*, XIII (2), 152-164.

2003. (with T. D. Weathers). A snapshot of the calculus classroom. *PRIMUS*, XIII (4), 349-360.

2002, Fall. (with J. L. Wilson). What is mathematics? *American Association of Behavioral Sciences Journal*, 54-61.

2001. (with J. L. Wilson). Nerds? Or nuts? Pop culture portrayals of mathematicians. *et cetera*, 58, 172-178.

Selected Awards

Jean G. Blehart Distinguished Teaching Award, University of Minnesota Duluth, 2007.

College of Science and Engineering Young Teacher Award, University of Minnesota Duluth, 2006.

ExxonMobil Project NExT Fellow, 2000.

Courses Taught Within Last Five Years

Math 1024: Contemporary Mathematics

Math 1296: Calculus I

Math 1141: Mathematics for Elementary Education

Math 3110: Foundations in Mathematics and Geometry

Stat 1411: Introduction to Statistics

Stat 3611: Introduction to Probability and Statistics