

Carmen M. Latterell, PhD

Associate Professor of Mathematics
Distinguished University Teaching Professor
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Representative Scholarship

Selected Grant

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

Books

Math wars: A guide for parents and teachers. There are three editions to this book:
2008. Paperback edition. Lanham, MD: Rowman & Littlefield Education.
2008. Korean edition. 교우사
2005. Hardcover edition. Westport, CT: Praeger Press

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

Selected Articles

Currently, 26 refereed articles, 5 articles in refereed proceedings, and 12 articles in professional journals. Those published since last promotion, winning awards, and/or heavily cited are listed below.

Latterell, C. M. (2009). Interesting science and mathematics graduate students in secondary teaching. *School Science and Mathematics*, 109(4), 188-196.

Latterell, C. M. (2008). What is good college mathematics teaching? *International Journal for Mathematics Teaching and Learning*. Available online <http://www.cimt.plymouth.ac.uk/journal/>

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

Latterell, C. M. (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>

Latterell, C. M. (2007). Mathematicians are interesting people! *Ohio School Journal of School Mathematics*, 56, 7-10.

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

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

Latterell, C.M., & Frauenholtz, T. (2007). 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.]**

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

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

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

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

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

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

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

Representative Teaching

Selected Awards

Horace T. Morse-University of Minnesota Alumni Award for Outstanding Contributions to Undergraduate Education, 2009.

Awarded title Distinguished University Teaching Professor, and inducted into the Academy of Distinguished Teachers, 2008.

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

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

Mathematical Association of America Project NExT (New Experiences in Teaching) Fellow, 2000

Courses Recently Taught

Math 1024: Contemporary Mathematics

Math 1296: Calculus I

Math 1141: Mathematics for Elementary Education Majors

Math 3110: Foundations in Mathematics and Geometry

Stat 1411: Introduction to Statistics

Stat 3611: Introduction to Probability and Statistics

Representative Service

Reviewer for National Science Foundation proposals on numerous occasions

Reviewer for the ACT Mathematics Test on numerous occasions

Reviewer for journal submissions for such journals *as Journal for Research in Mathematics Education, School Science and Mathematics*, and *FOCUS: On Learning Problems in Mathematics*

Chair and/or member of over 20 campus committees over the last 5 years, including Grievance Officer for 3 years, author of the mathematics placement test for incoming freshmen, search committees, and Teacher Education Council