

DONNA M. CHRISTY

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ACADEMIC BACKGROUND

Ed.D.	1989	Boston University	Mathematics Education
M.A.T.	1985	Rhode Island College (Certification: RI Secondary Mathematics Teacher)	Mathematics
B.A.	1979	Rhode Island College (double major)	Mathematics; Economics

COURSES TAUGHT

Math 550: Bridges and Extensions
Math 409: Mathematical Problem Analysis
Math 238: Quantitative Business Analysis II
Math 212: Calculus I
Math 209: Precalculus Mathematics
Math 181: Applied Basic Mathematics
Math 144: Mathematics for Elementary School Teachers II
Math 143: Mathematics for Elementary School Teachers I
Math 120: Intermediate Algebra
SED 411: Content and Pedagogy in Secondary Education
SED 412: Field Practicum in Secondary Education
SED 421: Student Teaching in the Secondary School
SED 422: Student Teaching Seminar in Secondary Education

RESEARCH INTERESTS

Impact of the Elementary Mathematics Specialist on Student Achievement
Integrating Mathematics and Literature
Lesson Study

PUBLICATIONS (Partial List)

Christy, D., Lambe, K., Payson, C., and Carnevale, P. (2011). The Math Wizard in Oz. *Teaching Children Mathematics*, 18(1), 22-31. Cover/lead article.

Christy, D., Lambe, K., Payson, C., and Carnevale, P. (2008). Alice in Numberland: Through the Standards in Wonderland. *Teaching Children Mathematics*, 14(8), 436-446. Cover/lead article.

Christy, D.(2007). Rumors and Flu and New Products, Oh My! Logistic Modeling to the Rescue! *The Proceedings of the 18th International Conference on Technology in Collegiate Mathematics*, 50-54.

Christy, D. (2006). The Whimsical Path to Math: Implementing the Navigations Series. *Teaching Children Mathematics*, 12(6), 323-331.

Christy, D. (2006). Descartes Visits Wall Street and Meets the TI-84+SE: A Financial Journey. *The Proceedings of the 17th International Conference on Technology in Collegiate Mathematics*, 35-39.

PRESENTATIONS (Partial List)

Association of Teachers of Mathematics in New England (ATMNE) 2010 Fall Conference; Nashua, NH; November 8, 2010. "The Bridge to Math and Literature".

Promising Practices Conference; RI College; November 6, 2010. "The Elementary Math Specialist and the Teaching and Learning of Multiplication" (with A. Goodrow & J. Crowley).

National Council of Teachers of Mathematics 2010 Regional Conference; Baltimore, MD; October 14, 2010. "Math Explorations through Links to Literature".

National Council of Teachers of Mathematics – Headquarters; Reston, VA; July 19, 2010. "Mathematics and Literature".

National Council of Teachers of Mathematics Eastern Regional Conference; Boston, MA; October 21-23 2009. "The Math Wizard of Oz".

Association of Teachers of Mathematics in New England (ATMNE) Fall Conference; Portland, ME; 11/6-7/08. "Follow the Standards-Based Road: A Journey to the Math Wizard of Oz".

Association of Teachers of Mathematics in New England (ATMNE) Fall Conference; Killington, VT; 10/19/06. "Alice and Friends in Numberland".

Paul Maixner Distinguished Teaching Award Lecture; Rhode Island College; 4/13/06. "Down a Path Filled with Whimsy and Math: A Photographic Journey into Their World".

The 18th International Conference on Technology in Collegiate Mathematics (ICTCM); Orlando, FL; 3/17/06. "Rumors and Flu and New Products, Oh My! Logistic Modeling to the Rescue!".

The 17th International Conference on Technology in Collegiate Mathematics (ICTCM); New Orleans, Louisiana; 10/30/04. "Descartes Visits Wall Street and Meets the TI-84+SE: A Financial Journey".

Association of Teachers of Mathematics in New England (ATMNE) Annual Conference; Providence, RI; 10/23/04. "Down a Path Filled with Whimsy & Math: Using NCTM's Navigations Series in PreK-2".

Mathematical Association of America (MAA) Northeastern Spring Meeting: Project Next; Roger Williams University; Bristol, RI; 6/4/04. "Activities for Preservice Elementary School Teachers and General Education Students".

National Council of Teachers of Mathematics (NCTM) Annual Conference; Philadelphia, PA; 4/24/04. "A Whimsical Path to Math: Using Navigations in Grades PreK-2".

Association of Teachers of Mathematics in New England (ATMNE) Centennial Conference; Manchester, NH; 11/7/03. "Math, Finance, and the TI-83+SE: Explore the OPTIONS for the FUTURES of Your Students".

AWARDS

2005-2006 Recipient, Paul Maixner Distinguished Teaching Award.

2005 Rhode Island College Alumni Honor Role Award: Mathematics

PROFESSIONAL ORGANIZATIONS

Board of Directors, RI Mathematics Teachers Association

National Council of Teachers of Mathematics

Association of Mathematics Teachers in New England

Association of Mathematics Teacher Educators

Mathematical Association of America

International Society for Technology in Education