

## **Dr. Kelly Darke**

### **EDUCATION**

2010	DA	University of Illinois at Chicago, Chicago, IL Major: Mathematics Thesis Title: An Examination of the Questioning Interactions of Prospective Teachers during Mathematical Discussions
2004	M.A.T	Michigan State University, East Lansing, MI Masters of Arts for Teachers in Mathematics
2000	BA	State University of New York College at Potsdam, Potsdam, NY Majors: Mathematics, Education

### **PROFESSIONAL EXPERIENCE**

2019-present	Private Tutor, Middle/High School Math
2019	Adjunct Lecturer, Northwestern University
2018	Subject Matter Expert, Curriculum Review Project, Aptara Corporation
2016	Writer, Everyday Mathematics Curriculum, University of Chicago
2014-2016	Visiting Assistant Professor, Department of Mathematics (MSCS), University of Illinois at Chicago
2012	Writer, Everyday Mathematics Curriculum, University of Chicago
2010-2012	Lecturer, Department of Mathematics, University of Illinois at Chicago
2008-2009	Assistant Professor, Department of Mathematics, Saint Xavier University
2007-2008	Teaching Assistant, University of Illinois at Chicago
2006	Instructor, DePaul University, Quantitative Reasoning
2005-2007	Research Assistant, Math Trailblazers Curriculum: Institute of Mathematics and Science Education, University of Illinois at Chicago
2005-2006	Research Assistant, UIC Teacher Content Knowledge-NCLB Grant, University of Illinois at Chicago

- 2004-2005      Research Assistant, Center for the Study of Mathematics Curriculum, A Center for Learning and Teaching funded by the National Science Foundation
- 2004            Research Assistant, Knowledge for Teaching Algebra Project, Michigan State University
- 2002-2005      Research Assistant, Connected Mathematics Project, Mathematics, Department, Michigan State University
- 2002-2003      Mathematics Tutor, Erickson Learning Center, East Lansing, MI
- 2001-2002      Teaching Assistant, University at Albany, Mathematics Department
- 2001            High School Mathematics Teacher, Shaker High School, Loudonville, New York

### **PROFESSIONAL WRITINGS**

Lappan, G. and Rivette, K. (2004) Mathematics Teacher Education: At a Crossroad. In Denisse Thompson and Tad Watanabe (Eds.) *The Work of Mathematics Teacher Educators: Exchanging Ideas for Effective Practice*, AMTE Monograph 1 ( pp. 1- 19) San Diego, CA: Association of Mathematics Teacher Educators.

Grant, Y. Ludema, H. Rickard, A. & Rivette, K. (2003) *Connected Mathematics Project: Research and Evaluation Summary*. New Jersey: Prentice Hall.

### **PRESENTATIONS**

(2008, January)(w. Superfine, A.) Questioning in Elementary Mathematics Classrooms. Presented at the Metropolitan Mathematics Conference of Workshops, Lemont, IL.

(2007, March) (w. Beal, S & Canty, R) Whole Number Understanding and Its Assessment in School Mathematics. Presented at the 39th Annual NCSM Conference, Atlanta, GA.

(2007, January)(w. Canty, R) The Development and Use of Cognitive Assessment Tools for Research, Learning, and Teaching of Math Trailblazers. Presented at the Eleventh Annual Conference for the Association of Mathematics Teacher Educators. Irvine, CA.

(2006, March) (w. Beal, S., Canty, R., Pitvoric, K., & Ditto, C.) Investigation of Teaching and Learning in Elementary School Mathematics using Math Trailblazers The 8<sup>th</sup> annual Symposium series: Excellence in Teaching Mathematics and Science: Research and Practice, Loyola University, Chicago, IL.

(2004)(w. Stewart, J.) Grade Level Breakout Sessions , 8<sup>th</sup> Grade Connected Mathematics Phase II: 7th Annual CMP Users' Conference, East Lansing, MI.

(2004) (w. Sword, S.) Things I wish I knew when I learned Algebra: CMPII Field Site Workshop, East Lansing, MI.

(2003) (w. Sword, S.) Growing, Growing, Growing, 8<sup>th</sup> grade unit on Exponential functions): 6th Annual CMP Users' Conference, East Lansing, MI.

### **AWARDS/ CERTIFICATIONS**

Junior Mathematics Award, State University at Potsdam, 1999.

Pi Mu Epsilon Senior Award (for Mathematical Excellence), State University at Potsdam, 2000.

Susan Dewitt Kaiser Award (in Mathematics Education), State University at Potsdam, 2000.

5 years of service, University of Illinois-Chicago