

Mari Wheeler Flake, Ph.D.

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PERSONAL INFORMATION

EDUCATION

- Ph.D.** 2014 **University of Kansas**, Lawrence, KS.
Major: Curriculum & Instruction - Mathematics Education
Minor: Special Education
Dissertation: "An Investigation of how Preservice Teachers' Ability to Professionally Notice Children's Mathematical Thinking Relates to Their Own Mathematical Knowledge for Teaching"
Dissertation Accepted: February 26, 2014
Graduation: May 17, 2014
- M.S.E.** 2006 **University of Kansas**, Lawrence, KS
Major: Special Education-Adaptive Curriculum
- B.S.E.** 2001 **Valparaiso, University**, Valparaiso, IN
Major: Elementary Education
Minor: Middle School Mathematics

EMPLOYMENT HISTORY

Emporia State University, School of Education, Emporia, KS

- 2015-present **Instructor**
Taught graduate level courses in mathematics methods and special education
Taught foundations of education course to preservice teachers
PDS coordinator for interns in the Olathe School District

University of Kansas, School of Education, Lawrence, KS

- 2013-present **Adjunct Instructor**
Department of Curriculum and Instruction
Taught mathematics methods education courses to preservice teachers.
Taught classroom management courses to a class of 75 students
Supervised GTAs during multiple courses that I taught
Supervised elementary education student teachers in multiple school districts in the Kansas City Metropolitan area.

Collaborated with teacher education faculty to gather and analyze accreditation assessment data for program improvement.
Assisted in finding placements for practicum students in various school districts throughout the Kansas City Metropolitan area.

- 2011-2013 **Graduate Teaching Assistant**
Department of Curriculum and Instruction
Taught multiple sections of a mathematics methods courses for elementary education undergraduates and supervised practicum students.
- 2008-2013 **Graduate Teaching Assistant**
Department of Curriculum and Instruction
Supervised elementary student teachers and interns during their 8-week student teaching experience in the fall semester and their 16-week internship experience in the spring semester. Student teachers were placed in various districts around the Kansas City Metropolitan area and in grades K-6.
- Fall 2012 **Graduate Research Assistant**
Department of Curriculum and Instruction
Worked with preservice teachers who received iPads to use during their practicum and student teaching experiences. Observed, interviewed, and provided resources to aid in their effective use of iPads with elementary-aged children and as a teacher resource.
- 2011-2012 **Graduate Research Assistant**
Center for Research on Learning
Dynamic Learning Maps Alternative Assessment Consortium Project- Analyzed the mathematics Common Core Standards in order to determine the pathways that children could learn the mathematics content, taking into account all of the various disabilities that could be in a classroom. Also, drafted assessment questions based on the learning map that could be used within the mathematics content areas for elementary and middle school children of varying abilities.
- 2010-2011 **Graduate Research Assistant**
Educational Psychology and Research
Blending Assessment with Instruction Grant- Analyzed mathematical assessment questions and tutorials on alternate mathematics assessments which were being created as a way to link assessment with instruction for students with varying disabilities.

Raytown Consolidated School District #2, Raytown, MO

2005-2006 Taught special education in an urban elementary school. Was the resource room teacher for a caseload of 16 elementary-aged children with various disabilities including, reading and/or mathematics learning disability, emotional disturbance, and mild mental retardation.

Raytown Consolidated School District #2, Raytown, MO

2002-2005 Taught 4th grade in a urban elementary school

Mishawaka School District, Mishawaka, IN

Fall, 2001 Long term substitute teaching experience working with early childhood students who received special education services through the school district. Responsible for a caseload of 15 preschool-aged children who were placed at numerous preschools in the Mishawaka area.

DISCIPLINED INQUIRY

JOURNAL ARTICLES

Whetstone, P., Clark, A. K., Wheeler Flake, M. (2014). Teacher perceptions of an online tutoring program for elementary mathematics. *Educational Media International*, 51(1), 79-90. DOI: 10.1080/09523987.2013.863552

PRESENTATIONS

“Using Student Interview Videos to Analyze Mathematical Thinking and Development”- Will be presented in April of 2015 at the National Council of Teachers of Mathematics Annual Meeting in Boston, MA

RESEARCH INTERESTS AND TEACHING COMPETENCIES

Mathematics education
Development of preservice and student teachers
Mentoring preservice and student teachers
Special Education-minor disabilities
Mathematical learning development for children and teachers
Technology in mathematics learning
Conceptual mathematics learning and understanding
Online learning for teachers

REFERENCES

Dr. Kelli Thomas, Associate Professor University of Kansas
Dr. Steven White, Professor and Department Chair University of Kansas
Dr. Douglas Huffman, Professor University of Kansas
Dr. John Poggio, Professor University of Kansas
Dr. Lauri Herrmann-Ginsberg, Lecturer University of Kansas