

ANNA WAN

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EDUCATION

Auburn University

January 2009–December 2013

Ph.D. Curriculum and Teaching: Secondary Mathematics Education

Auburn, Alabama

- Comprehensive exams completed with “high pass” in mathematics Spring 2011
- 88 graduate units completed

California State University Channel Islands

August 2004–May 2005

Single Subject Teaching Credential

Camarillo, California

- Secondary mathematics, 30 graduate units
- Hired as full time teacher at Pacifica High School during year-long internship

California State University Channel Islands

January 2003–May 2004

Bachelor of Arts: Liberal Studies-Teaching and Learning Option

Camarillo, California

- Course work in elementary education, general education, and advanced mathematics
- Magna cum laude

TEACHING EXPERIENCE

The University of Southern Mississippi

Fall 2016–Current

Assistant Professor - Mathematics Licensure

Hattiesburg, Mississippi

- Research Area: Maker technology incorporation in STEM core courses for K-12
- Teach mathematics and mathematics education courses

Columbus State University

Fall 2013–Summer 2016

Assistant Professor - Secondary Mathematics Education

Columbus, Georgia

- Program Coordinator - Secondary Mathematics Education
- Research areas: Teacher knowledge, 3D printing, and constructivism in remedial math courses
- Taught education, mathematics education, and mathematics courses

Auburn University

August 2009–July 2013

Graduate Teaching Assistant - Secondary Mathematics Education

Auburn, Alabama

- Taught secondary mathematics education courses (undergraduate)
- Assisted with NSF grant initiation, implementation, data collection, and completion
- Research: Teacher Applied Pedagogical Content Knowledge

California State University Channel Islands

Fall 2005–Spring 2008

Teaching Associate - Mathematics

Camarillo, California

- Taught mathematics and mathematics education courses (undergraduate)

Pacifica High School

Fall 2004–Fall 2008

Teacher - Mathematics

Oxnard, California

- Sponsored clubs for at-risk youth
- Used graphing calculators, Promethean Board (and accessories), and Web applets
- Hosted undergraduate mathematics students in my classroom for laboratory experience (2 semesters)

COURSES TAUGHT

The University of Southern Mississippi

Assistant Professor - Mathematics Licensure

Fall 2016–Current
Hattiesburg, Mississippi

- Mathematics for Elementary Teachers 1
- Mathematics for Elementary Teachers 2
- Mathematics for Middle School Teachers
- Special Topics: Topology and Geometry 1,2,3 with 3D Printing

Columbus State University

Assistant Professor - Secondary Mathematics Education

Fall 2013–Summer 2016
Columbus, Georgia

- Technology in teaching middle/secondary mathematics classroom (undergraduate/graduate)
- Exploring Socio-Cultural Contexts on Diversity in Educational Settings - Study abroad Ecuador
- Project Based Instruction - Secondary mathematics and science (undergraduate)
- Curriculum and Methods in Secondary Mathematics (undergraduate/graduate)
- Curriculum and Methods in Middle Grades Mathematics (undergraduate/graduate)
- Student Teaching - Middle and secondary mathematics (undergraduate/graduate)
- Precalculus (undergraduate)
- Mathematical Modeling (undergraduate)
- 3D Printing in the Content Areas (undergraduate/honors)

Auburn University

Graduate Teaching Assistant - Secondary Mathematics Education

August 2009–July 2013
Auburn, Alabama

- High School Mathematics Methods (undergraduate)
- Middle School Mathematics Methods (undergraduate)
- Secondary Mathematics Internship (student teaching): Supervised student teachers

California State University Channel Islands

Teaching Associate - Mathematics

Fall 2005–Spring 2008
Camarillo, California

- College Algebra (undergraduate)
- Mathematics for Elementary Teachers (undergraduate)

Pacifica High School

Teacher - Mathematics

Fall 2004–Fall 2008
Oxnard, California

- Pre-algebra, Algebra ABC series, Algebra 1
- Geometry

PUBLICATIONS

- Smith, L., Martin, W. G., Wan, A., & Duenas, G. (2017). Students Reactions to Reform Mathematics Pedagogy in a Postsecondary Remedial Mathematics Course. *The Mathematics Enthusiast*, 14(1), 289-308.
- Smith, L., Martin, W. G., Wan, A., Duenas, G. Shumack, K., & Beziat, T. (2015). Using reform pedagogy to improve students?Ao application skills in college remedial mathematics courses. *Mathematics and Computer Education*, 49(2), 124-138.
- Peppers, D., Wan, A., Phillips, H. (2014). A Closer Look at Manipulatives in Remediation. *Mathematics Teaching in the Middle School*, 20(3). Peer reviewed.