

Contact Information

Address: Department of Biology, Chemistry, and Mathematics
University of Montevallo
Montevallo, AL

Education

June 2003	BS	Mathematics	California Polytechnic State University
May 2005	MS	Mathematics	Louisiana State University
Aug. 2008	PhD	Mathematics	Louisiana State University

Dissertation Adviser: Dr. Robert Perlis, Cecil Taylor Alumni Professor

Dissertation Title: Trace Forms of Abelian Extensions of Number Fields

Employment History

- Teaching assistantship, Louisiana State University, August 2003-May 2005.
- Assistant Professor of Mathematics, University of Montevallo, August 2008-present.

Scholarly Activities

- Gave a talk about trace forms of abelian extensions of number fields at the Joint Mathematics Meetings in San Diego, January 2008.
- Gave a talk at the MAA sectional meeting in Baton Rouge, LA, March 2008.
- Gave a talk at Birmingham Southern College, March 2010.
- Had a paper, "Trace Forms of Abelian Extensions of Number Fields of Type (1, 0)", published in the journal of *Linear and Multilinear Algebra*, March 2012.
- Had a paper, "Trace Forms of Abelian Extensions of Number Fields of Type (1, 1)", published in the *Journal of Algebra, Number Theory: Advances and Applications*, January 2013.
- Had a paper, "Robert Recorde: 'With the helpe of it, you maye attayne to all thing.' A practical application of mathematics," coauthored by Robert Barone, published in the *Alabama Journal of Mathematics*, December 2017.
- Gave talks at the meeting of the Alabama Association of College Teachers of Mathematics (February 2018) and the meeting of the Alabama Association of Historians (April 2018).

Service Activities

- Took several students to the Nebraska Conference for Undergraduate Women in Mathematics every January from 2009 to 2017.
- Have served on the Campus Life Advisory Committee, Oct. 2009-present.
- Coordinator for the Mathematics General Education Assessment, 2009-2014.
- Served on Faculty Senate, 2012-2015.
- Chair of the Finance, Benefits, and Resources Committee of the Faculty Senate, 2013-2015.

Honors and Awards

- GK-12 Fellowship, Louisiana State University, August 2005-July 2006.
- GAANN Fellowship, Louisiana State University, August 2006-August 2008.

Teaching Experience

- Taught math at Kenilworth Middle School as part of my GK-12 Fellowship, fall 2005 and spring 2006. Helped students raise their scores on the math section of the standardized tests.
- Taught a course for math education majors to help them prepare for the PRAXIS test, spring 2007.
- Taught the following classes at LSU: Precalculus, Nature of Mathematics, and Calculus I.
- Taught the following classes at UM: Intermediate Algebra, Precalculus, Finite Math, Trigonometry, Introduction to Statistics, Basic Mathematics for Elementary Teachers I and II, Calculus I, Calculus II, Survey of Mathematics, Discrete Mathematics, Number Theory, Mathematical Statistics, Linear Algebra, Differential Equations, and Abstract Algebra.