

**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-May 2014.
- Associate Professor of Mathematics, University of Montevallo, May 2014-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 2020.
- Served on the Campus Life Advisory Committee, Oct. 2009-2019.
- 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.
- Served on the Transforming Academic Advising Committee, May 2019-present.
- Served on the Hallie Farmer Lecture Committee, August 2018-present.

**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.