

EDUCATION	<i>Doctor of Philosophy, PhD</i>	August 2015
	University of Alabama at Birmingham, Birmingham, AL Concentration: Applied Mathematics Minor: Physics Dissertation Title: "Spectral Properties and Localization of Two Random Laplacians on Graphs" Advisor: Dr. Günter Stolz	
	<i>Master of Science, MS</i>	May 2011
	University of Alabama at Birmingham, Birmingham, AL Concentration: Applied Mathematics	
	<i>GEMS Fellow</i>	August 2008 – June 2009
	University of Louisville, Louisville, KY	
	<i>Bachelor of Science, BA, Magna Cum Laude</i>	May 2008
	University of Southern Indiana, Evansville, IN Concentration: Mathematics Minor: Physics	
TEACHING EXPERIENCE	<i>Associate Professor/Program Coordinator</i>	August 2021 – Present
	Kentucky Wesleyan College, Owensboro, KY	
	<ul style="list-style-type: none"> • Courses Taught: Foundations of Algebra, Elementary Math Models, College Algebra and Trigonometry, Math for Elementary Education I and II, Verticality of the Mathematics Curriculum in K-12 Education, Probability and Statistics, Calculus I, II, and III, Introduction to Higher Mathematics, Geometry, Problem Solving in Mathematics, Statistics I, Theory of Probability, Mathematical Statistics, Abstract Algebra, Linear Algebra, Freshman Seminar 	
	<i>Assistant Professor/Program Coordinator</i>	August 2016 – July 2021
	Kentucky Wesleyan College, Owensboro, KY	
	<i>Visiting Assistant Professor</i>	August 2015 – July 2016
	Kentucky Wesleyan College, Owensboro, KY	
	<i>Instructor</i>	August 2011 – July 2015
University of Alabama at Birmingham, Birmingham, AL		
<ul style="list-style-type: none"> • Courses Taught: Basic Algebra, Finite Mathematics, Pre-calculus Algebra, Pre-calculus Trigonometry, Calculus I 		
<i>Graduate Teaching Assistant</i>	August 2009 – July 2011	
University of Alabama at Birmingham, Birmingham, AL		
<ul style="list-style-type: none"> • Tutor in the Math Learning Lab, August 2009 – May 2010 • Teaching Assistant for MA098, August 2010 – July 2011 		
<i>GEMS Fellow</i>	August 2008 – July 2009	
University of Louisville, Louisville, KY		
<ul style="list-style-type: none"> • As part of a NSF funded project, worked as a co-teacher in a sixth grade mathematics classroom in Jefferson County, Kentucky, in order to implement inquiry-based learning. 		

PRESENTATIONS

- *Voting is only fair, right?*, Invited Talk, Northern Kentucky University Colloquium, Northern Kentucky University, March 2020 (Postponed)
- *Flipping a Mathematics Classroom: A Budget Lightboard Approach*, Oral Presentation, 2019 Kentucky Academy of Sciences Annual Meeting, Berea College, November 1, 2019.
- *Flipping a Mathematics Classroom: A Budget Lightboard Approach*, Contributed Talk, 2019 Teaching and Learning Symposium, University of Southern Indiana, February 5, 2019.
- *Random Operators and Dynamical Localization*, Oral Presentation, 2018 Kentucky Academy of Sciences Annual Meeting, Western Kentucky University, November 3, 2018.
- *Using Active Learning and Open Educational Resources to Improve Student Access and Engagement*, Contributed talk, 2018 Teaching and Learning Symposium, University of Southern Indiana, January 25, 2018.
- *Inquiry-Based Abstract Algebra: An Approach for Students of Varying Preparation*, Contributed talk, 2017 Teaching and Learning Symposium, University of Southern Indiana, January 26, 2017.
- *Localization Properties of the Random Mass Laplacian*, Invited talk, Special Session on Spectral Theory, Disorder, and Quantum Many Body Physics, AMS Sectional Meeting, Michigan State University, March 14, 2015.
- *Modeling Disordered Quantum Systems*, Contributed talk, Southeastern Atlantic Regional Conference on Differential Equations (SEARCDE), University of Memphis, October 11, 2014.
- *Modeling Disordered Quantum Systems*, Mathematics Seminar, University of Southern Indiana, August 29, 2014.
- *Fractional moment bounds for a self-adjoint operator with multiplicative randomness*, Math Physics and Probability Seminar, University of Alabama at Birmingham, April 18, 2014.

CONFERENCES ATTENDED

- KAS Annual Meeting, Berea College, Berea, Kentucky, November 2019
- MathFest 2019, Cincinnati, Ohio, August 2019
- KAS Annual Meeting, Western Kentucky University, Bowling Green, Kentucky, November 2018
- KAS Annual Meeting, Murray State University, Murray, Kentucky, November 2017
- MathFest 2017, Chicago, IL, August 2017
- Joint Mathematics Meeting, Atlanta, Georgia, January 2017
- KAS Annual Meeting, University of Louisville, Louisville, KY, November 2016
- MathFest 2016, Columbus, Ohio, August 2016
- KAS Annual Meeting, Northern Kentucky University, Newport, Kentucky, November 2015
- Southeastern Atlantic Regional Conference on Differential Equations (SEARCDE), University of Memphis, Memphis, Tennessee, October 2014
- CBMS-NSF Conference on Quantum Spin Systems, University of Alabama at Birmingham, Birmingham, Alabama, June 2014

SERVICE

- Faculty Trustee, KWC, May 2021 – Present
- Search Committees in Mathematics, Biology, Chemistry, Physics, and Psychology, KWC, 2016 – Present
- Kentucky Education Professional Standards Board, Reviewer, Summer 2020
- Admissions Committee, KWC, August 2019 – July 2020
- Education Program Review Committee, KWC, August 2019 – July 2020
- KAS Mathematics Section President, November 2019 – Present
- QEP Assessment Committee, KWC, August 2018 – Present
- KAS Mathematics Section Secretary, November 2017 – November 2019
- Student Conduct Board, KWC, August 2016 – Present
- Online Education Committee, KWC, August 2016 – Present
- Academic Policies Committee, KWC, August 2016 – July 2019
- PRAXIS Mathematical Review Committee, Kentucky Education Professional Standards Board, August 2016
- Teacher Education Committee/Teacher Education Advisory Committee, KWC, August 2015 – July 2020
- Math Counts Competition, KWC, 2016 – 2020