Kyle Evans

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Education and Qualifications

2018	**Ph.D.**	University of Connecticut, Storrs, CT
		Advisor: Dr. Fabiana Cardetti
		Dissertation: Investigating the Relationship Between Mathematics Education and Global Citizenship Education Through K-12 Teacher Perspectives
2013	**MS**	University of Connecticut, Storrs, CT
2011	**BS**	Sacred Heart University, Fairfield, CT

Appointments

August 2018 – Present	**Visiting Assistant Professor of Mathematics** *Trinity College, Hartford, CT*

Publications

- Staples, M. & Evans, K. (2021, in press). Math and Fairness – a key contribution of math to social justice. *AIM Math Circular*.
- Colonnese, M.W., Amspaugh, C., LeMay, S., Evans, K., & Field, K. (2018). Writing in the Disciplines: How Math Fits Into the Equation. *The Reading Teacher, 72*(3), 379-387.
- Casa, T.M., Evans, K., Firmender, J.M., & Colonnese, M.W. (2017). Why Should Students Write in Math Class? *Educational Leadership, 74*(5).

Courses Taught

New Courses

- Mathematics and Redistricting – *Fall 2021,* Spring 2021, Fall 2019 (Mathematics / Political Science)

- [Teaching and Learning](#) (with Jack Dougherty) – Spring 2019 (Educational Studies)

300-level Courses

- **Probability** – *Fall 2021*

200-level Courses

- **Calculus 3** – Fall 2020
- **Statistical Data Analysis** – Spring 2021, January 2021, Spring 2019
- **Applied Linear Algebra** – Summer 2016, Fall 2015
- **Geometry for Elementary School Teachers** – Spring 2016, Spring 2015
- **Algebra for Elementary School Teachers** – Fall 2014

100-level Courses

- **Mathematics and Politics** – Spring 2021, Fall 2020, Summer 2020, S20, F19, S19, F18
- **Calculus 2** – Spring 2020, Spring 2014
- **Calculus 1** – Fall 2019
- **Precalculus** – Fall 2018, Fall 2017, Summer 2017, S16, F13
- **Elementary Discrete Mathematics** – Spring 2018, Fall 2016, Su14, Su13
- **Problem Solving** – Fall 2012, Spring 2012, Fall 2011

Undergraduate Research Advising

Trinity College Honors Thesis – Spring 2019

- Student: Alex Kaplan, Thesis: ["America's Electoral Problem: The Shortcomings of the Electoral College in Contemporary American Democracy"](#)

UConn REU in Mathematics Education – Summer 2015

- "Mathematics and Intercultural Competence in the Middle School"
- "Argumentation and Mathematics in Classroom Tasks"

Grants

- UConn Neag School of Education, Dean's Research Incentive Grant, "Articulating the Contributions of Mathematics to Democratic Participation", $10,000 (2021-22)
- American Institute of Mathematics, "Math Teachers' Circle 4 Justice", $3,000 (2020-21)

Presentations

- "Sync, Share, and Streamline: Using Google Sheets to Facilitate Mastery Grading", Mastery Grading Conference (June 2020)
- *"Mathematics and Redistricting: The Journey of a New Course", MAA Northeastern Section Meeting (May 2020)*
- *"Illuminate and Motivate: Using Mastery-Based Grading to Guide Quantitative Reasoning Goals", NECQL (NorthEast Consortium for Quantitative Literacy), March 2020*
- "Mathematics and Redistricting: Authentic Learning through Government Partnerships", Joint Mathematics Meetings (January 2020)
- "An Aptitude for Maptitude: Math, Redistricting, and Technology", Winter Institute on Teaching and Technology, Trinity College (January 2020)
- "From the Courtroom to the Classroom: Gerrymandering and Mathematics Education", MAA Northeastern Section Meeting (June 2019)
- "Mathematics and Fairness: Using Gerrymandering to Connect Mathematics to Sociopolitical Issues", Joint Mathematics Meetings (January 2019)
- "It's a Match! Discovering 'Perfect Matchings' of Polyhedra and Tilings with Regular Polygons", Sacred Heart Senior Seminar (October 2018)
- "From Womb to RUME: The Trajectory of Social Justice Mathematics from K-12 to the Undergraduate Classroom", Northeastern RUME Conference (October 2018)
- "Mathematics and Global Citizenship: Planning for the Future", Joint Mathematics Meetings (January 2018)
- "Mathematics and Global Citizenship: Studying the Present to Plan for the Future", LANGSA (Languages Graduate Student Association) Conference (October 2017)
- "Lessons Learned from School Mathematics and Global Citizenship", Joint Mathematics Meetings (January 2017)
- "Towards Developing Intercultural Competence with Interdisciplinary Topics in Mathematics", Joint Mathematics Meetings (January 2016)
- "Mathematics and Intercultural Competence in the Middle School", Sacred Heart Senior Seminar (September 2015)

Cancelled due to COVID-19 pandemic

Math Teachers' Circles Workshops (as facilitator)

- "Redistricting and Gerrymandering" (February 2021), MTC4SJ

- ["Mathematizing Political Elections"](#) (October 2020), MTC4SJ

- ["Analyzing Racial Injustices"](#) (August 2020), MTC4SJ

- ["Modeling a Pandemic"](#) (July 2020), MTC4SJ

- "Stars vs. Diamonds: The Mathematics of Gerrymandering", Fairfield County Math Teachers' Circle (November 2018)

- "Math Circles…or Math Squares…or Math Triangles?", NCTM Regional Conference (October 2018)

Honors and Awards

- [CTL (Center for Teaching and Learning) Fellow](#), Trinity College, 2019-2020

- [Community Learning Faculty Fellow](#), Trinity College, 2018-2019

- [Excellence in Teaching Award](#), University of Connecticut, May 2018

Service and Additional Qualifications

- Assessment Advisory Board, Trinity College, 2020-21 (chair)
- Faculty Liaison, Trinity Women's Basketball
- Statistical Consultant, Connecticut House Democrats
- Contributor, Uni Watch