

Matthew Zevenbergen

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matthewzevenbergen.com

Department of Mathematics

Boston College

Maloney Hall, 534

Chestnut Hill, MA 02467

EDUCATION	Boston College Doctoral Candidate in Mathematics Advisor: Ian Biringer	2021-present
	University of Rochester Honors B.S. in Mathematics with High Honors, Undergraduate Thesis: <i>Crushtaceans and Complements of Fully Augmented and Nested Links</i> .	2017-2021
PUBLICATIONS	<i>Systolic lattice extensions of classical Schottky Groups</i> , with Junzhi Huang <i>Adv. Math.</i> , 490:110848, 2026.	2026
	<i>Polynomial Generalizations of Knot Colorings</i> , with He, Ho, Kalir, and Miller <i>The PUMP Journal of Undergraduate Research</i> , 5, 1-23.	2022
PREPRINTS	<i>Connectivity in the space of framed hyperbolic 3-manifolds</i>	Submitted
	<i>Combinations and chromatography of paths of Kleinian groups</i>	In preparation
	<i>The rank of cusped mapping tori</i> with Ian Biringer and David Futer	In preparation
INVITED TALKS	AMS Spring Eastern Sectional 2026, Hyperbolic Manifolds Session	2026
	58th Spring Topology and Dynamics Conference	2025
	Yale, Geometry/Topology Seminar	
	Harvard, Gauge Theory and Topology Seminar	2024
CONTRIBUTED TALKS	Topology Students Workshop	2026
	Geometry and Topology Seminar and Brown and Yale (Lightning)	F24, F25, S26
	Geometric Topology Grad and Postdoc Seminar	2025
	Midwest Summer School in Geometry, Topology, and Dynamics (Lightning)	
	Hyperbolic Manifolds, Their Submanifolds and Fundamental Groups (Lightning)	
	GTA: Philadelphia	2024

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TEACHING

Instructor of Record:

Finite Probability and Applications, Boston College
Calculus I, Boston College

Summer 22, S23, S25
F23

Teaching Assistant or Grader:

Calculus I, Boston College
Algebra I, Boston College
Calculus II, Boston College
Calculus II for Math and Science, Boston College
History of Math, Rochester
Mathematical Modeling in Political Science, Rochester
Calculus I, Rochester

F22, F25
F24
S22
F21
S20, S21
F20
F19

HONORS AND AWARDS

Dissertation Fellowship, Boston College
(\$38,800 non-service stipend)

2026-2027

AMS ICM 2026 Graduate Student Travel Grant
(Up to \$2,400)

2026

Donald J. White Teaching Excellence Award
(TA award: \$150; TF award: \$750)

2023 (TA), 2025 (TF)

Bausch and Lomb Scholarship, University of Rochester

2017-2021

The National Society of Collegiate Scholars

2018

SERVICE

Boston College Geometry/Topology/Dynamics Seminar Co-organizer

S25-present

HyperboliciTea Organizer

F24-present

DRP Mentor in knot theory

S26

Out(F_n) Reading Group Co-organizer

S24

Guiding Reading for a BC Undergraduate

F23-S24

Math For All Conference Volunteer

S23, S24

Hyperbolic Geometry Reading Group Co-organizer

F23

Arithmetic Groups in Geometry Reading Group Co-organizer

S23

BC Graduate Student Seminar (GIST), Co-organizer

F22-S23