

Matthew Zevenbergen
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Department of Mathematics
Boston College
Maloney Hall, 534
Chestnut Hill, MA 02467

Curriculum Vita – March 2026

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| EDUCATION | Boston College Doctoral Candidate in Mathematics | 2021-present |
| | University of Rochester Honors B.S. in Mathematics with High Honors, Minor in Philosophy, Minor in Political Science. Undergraduate Thesis: <i>Crushtaceans and Complements of Fully Augmented and Nested Links</i> . Advised by Fred Cohen (Rochester) and Rolland Trapp (CSUSB). | 2017-2021 |
| PAPERS | <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> | |
| 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 |
| 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 | Donald J. White Teaching Excellence Award Bausch and Lomb Scholarship, University of Rochester The National Society of Collegiate Scholars | 2023 (TA), 2025 (TF) 2017-2021 2018 |

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| SERVICE | Boston College Geometry/Topology/Dynamics Seminar Co-organizer | S25-present |
| | HyperbolicTea Organizer | F24-present |
| | DRP Mentor in knot theory | S26 |
| | Out(F_n) Reading Group Co-organizer | S24 |
| | Guiding Reading for BC Undergraduate Holden Kim | 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 |
| OTHER SKILLS | LaTeX, Java, R, HTML5, CSS3 | |