CURRICULUM · VITAE

Erin Carmody
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ACADEMIC POSITIONS

- Adjunct Professor - SUNY Delhi - Fall 2025.

- Adjunct Professor - College of Saint Mary - Spring 2025.

- Visiting Assistant Professor - Bowdoin College - Fall 2023 to Spring 2024.

- Guest Faculty - Sarah Lawrence College - Fall 2021 to Fall 2023.

- Lecturer/Adjunct - Fordham University - Fall 2018 to Spring 2021.

- Visiting Assistant Professor - Emory University - Fall 2017 to Spring 2018.

- Visiting Assistant Professor - Nebraska Wesleyan University - Fall 2015 to Spring 2016.

- Quantitative Reasoning Fellow - CUNY Graduate Center - Fall 2014 to Spring 2015.

- Graduate Teaching Fellow/Adjunct - City University of New York - Fall 2008 to Spring 2014.

- Lecturer - University of Kansas - Fall 2007 to Spring 2008.

- Graduate Teaching Assistant - University of Kansas - Fall 2004 to Spring 2007.

- Undergraduate Teaching Assistant - University of Nebraska - Fall 2003 to Spring 2004.

EDUCATION

- PhD, Mathematics - The Graduate Center of the City University of New York - Graduated 2015.

- MA, Mathematics - University of Kansas - Graduated 2007.

- BS, Mathematics - University of Nebraska at Omaha - Graduated 2004.

PUBLICATIONS

- "A Mitchell-like order or Ramsey and Ramsey-like cardinals." With V. Gitman and M. Habič, **Fundamenta Mathematicae** 248, 1-32, 2020.

- "Killing them softly: degrees of inaccessible and Mahlo cardinals." **Mathematical Logic Quarterly**, Volume 63, Issue 3-4, October 30, 2017.

- "Force to change large cardinal strength." Dissertation, **The Graduate Center of the City University of New York**, June 2015.

- "Mitchell Rank for Supercompactness" **submitted for publication** arXiv:2602.08852 [math.LO] 2026.

- "The Set Theory Guide for Artists" **Book in progress** published as it is written on erincarmody.substack.com

- "Book review of *Power in Numbers: The Rebel Women of Mathematics* by Talithia Williams." **Association for Women in Mathematics Newsletter** 50.6 (2020): 7-8.

- "Missing 2: The Rebellion of the Not-naturals." **Self-published** mathematical fiction novel, 54 pages, ISBN-13: 979-8614005627, February 14, 2020.

- "Book review of *Sophies Diary: A Historical Fiction* by Dora Musielak." **Association for Women in Mathematics Newsletter** 35.5 (2005): 14-15.

GRANT FUNDED RESEARCH, ART EXHIBITIONS, AWARDS

- *Wanted*, part of group show at ArtUp Gallery in Margaretville NY, Jan 2026 - Feb 2026.

- Graduate Research Assistant, PSC-CUNY Research Foundation, through a faculty grant, 2013-2015.

- Graduate Research Assistant, National Science Foundation, through a faculty grant, 2011.

- *Small Wonders*, solo art exhibition, Mo Java Cafe, Lincoln, NE, October 2016.

- *Zero, Infinity, and The Guides*, solo art exhibition, A Gathering of the Tribes Gallery, New York, NY, January 14 - February 7, 2012.

- *Archetypes in a New Universe*, participating artist, Digable Arts Festival: Earth Day Art Summit, Monroe Center for the Arts, Hoboken, NJ, April 21-22, 2012.

- *String Art*, solo art exhibition, La Prima Tazza, Lawrence, KS, October 2007.

- Bertha Mengedoht Hatz Memorial Award, for painting at a juried art exhibit, University of Nebraska at Omaha, 2004.

SOME COURSES

- Intermediate Algebra - SUNY Delhi

- College Algebra - College of St. Mary

- Calculus II - Bowdoin College

- Calculus II seminar - Sarah Lawrence College.

- Calculus I seminar - Sarah Lawrence College.

- Calculus II - Fordham University.

- Finite Mathematics - Fordham University.

- Multivariable Calculus II - Fordham University.

- Linear Algebra - Fordham University.

- Pre-Calculus - Fordham University.

- Linear Algebra - Emory University.

- Multivariable Calculus - Emory University.

- Calculus I - Emory University.

- Philosophy of Euclidean and non-Euclidean Geometries - Nebraska Wesleyan University.

- Real Analysis - Nebraska Wesleyan University.

- Math for Liberal Arts - Nebraska Wesleyan University.

- Introduction to Proofs Workshop - Hunter College (CUNY).

- Calculus with Analytic Geometry II - Hunter College (CUNY).

- Calculus with Analytic Geometry I - Hunter College (CUNY).

- Intermediate Algebra and Trigonometry - Medgar Evers College (CUNY).

- Mathematical Thinking - Brooklyn College (CUNY).

- Pre-Calculus with Trigonometry - Brooklyn College (CUNY).

- Pre-Calculus without Trigonometry - Brooklyn College (CUNY).

- Calculus for Math Majors - Brooklyn College (CUNY).

- Pre-Calculus with Business Applications - Baruch College (CUNY).

- Calculus - Baruch College (CUNY).

- Pre-Calculus - University of Kansas.

- Calculus I - University of Kansas.

- Calculus II - University of Kansas.

- Engineering Calculus I - University of Kansas.

- Engineering Calculus II - University of Kansas.

- Elementary Statistics - University of Kansas.

- Pre-Algebra and Algebra - University of Nebraska.

CONFERENCES, SEMINARS, WORKSHOPS

- Presented at APA/ASL Meeting, Chicago, Illinois: *Mitchell Rank for Supercompactness*, February 18, 2026.

- Presented at the Barcelona Set Theory seminar: *The relationships between measurable and strongly compact cardinals*, April 14, 2020.

- Presented at the Leeds University Models and Sets seminar series: *The relationships between measurable and strongly compact cardinals*, February 17/24, 2020.

- Presented at the CUNY Set Theory seminar: *The relationships between measurable and strongly compact cardinals*, January 15/22, 2020.

- Presented at Boise Extravaganza in Set Theory, San Diego, CA: *Killing Them Softly*, June 16, 2016.

- Presented at Set Theory Day, New York, NY: *Killing measurable and supercompact cardinals softly*, March 11, 2016.

- Presented at Joint Mathematics Meetings, Seattle, WA: *Force to Change Large Cardinal Strength*, January 8, 2016.

- Presented at Joint Mathematics Meetings, Baltimore, MD: *Large Cardinals: Killing Them Softly*, January 17, 2014.

- Presented at CUNY Model Theory seminar: *Condensing Linear Orderings*, October 30, 2009.

- Presented at CUNY Model Theory seminar: *Algebraically Closed Fields are Strongly Minimal*, March 12, 2010.

- Presented at CUNY Model Theory seminar: *Reineke's Theorem*, April 23, 2010.

- Presented at CUNY Model Theory seminar: *Thick and Thin Models*, September 14, 2010.

- Presented at CUNY Model Theory seminar: *Interpretations*, February 18, 2011.

- Presented at CUNY Set Theory seminar: *Hausdorff Gaps*, December 10, 2010.

- Presented at CUNY Set Theory seminar: *Constructing an $\aleph_2$ Aronszajn Tree*, March 18, 2011.

- Presented at CUNY Set Theory seminar: *The Laver Preparation*, December 7, 2012.

- Presented at CUNY Set Theory seminar: *Killing Inaccessible Cardinals Softly*, October 25, 2013.

- Presented at CUNY Set Theory seminar: *A proof of the Halpern-Lauchli Theorem in one dimension*, September 12, 2014.

- Participant/Presenter, Mathematical Sciences Research Institute, Summer Graduate Program: MSRI Mathematical Graphics Workshop at Reed College, Portland, OR, 2005.

ELECTED POSITIONS IN ACADEMIC ORGANIZATIONS

- Graduate Council Representative, CUNY Graduate Center, 2013-2014.

- President, Association for Women in Mathematics, KU Student Chapter, 2006.

- Vice President, Mathematics Graduate Student Organization, KU, 2006.

- Vice President, Association for Women in Mathematics, KU Student Chapter, 2005.

- Representative, Mathematics Graduate Student Organization, KU, 2005.