

CURRICULUM VITAE

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Education

- **Ph.D. Discrete Mathematics**—in progress
University of Kentucky, Lexington, KY
- **M.A. Mathematics**—May 2006
University of Kentucky, Lexington, KY
- **B.S. Mathematics, *cum laude***—August 2004
Miami University, Oxford, OH

Employment

- **University of Kentucky**—2004-Present
Graduate Assistant

Courses Taught

- **Ma 111: Introduction to Contemporary Mathematics**—Spring 2008
Instructor responsible for lectures, office hours, homework, quizzes, exams, and course content. Used Moodle course management system.
- **MA 110: Precalculus**—Spring 2007
Sole instructor responsible for lectures, recitations, office hours, homework, quizzes, exams, and course content.

- **MA 162: Finite Mathematics**—Summer 2006
Instructor responsible for lectures, office hours, homework, quizzes, and exams.
- **MA 109: College Algebra**—Spring and Fall 2006, Fall 2007
Instructor responsible for lectures, office hours, and grading exams.
- **MA 114/194: Calculus II**—Fall 2004, Fall 2005
Recitation leader responsible for office hours, quizzes, grading homework, and grading exams.
- **MA 162: Finite Mathematics**—Spring 2005
Recitation leader responsible for office hours, quizzes and grading exams.

Presentations

- **Graduate Student Combinatorics Conference:** Generalized flips and the cd-index (upcoming - April 2008)
- **Qualifying Exam Talk:** A recursive structure on Bruhat intervals (“The cd-index of Bruhat intervals”, Nathan Reading, The Electronic Journal of Combinatorics)
- **Masters Exam Talk:** Complexes of t -colorable graphs (Svante Linusson, John Shareshian, SIAM journal on discrete mathematics)

Honors

- IIME member (Honorary National Mathematics Society)
- National Merit Scholar