

MICHAEL REILLY'S CV

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EDUCATION

The Ohio State University, Columbus, OH
Ph.D. Theoretical Mathematics

(Expected) May 2028

The Ohio State University, Columbus, OH
B.S. (Honors) Mathematics, Physics minor
GPA: 3.82
Major GPA: 3.93

May 2022

RESEARCH

I am currently working under the direction of Professor Vitaly Bergelson in the areas of ergodic theory and combinatorics. I have one paper posed on Arxiv, the result of an undergraduate research project.

- An Extension of Stanley's Symmetric Acyclicity Theorem to Signed Graphs ([Arxiv link](#))

TEACHING

Graduate Teaching Associate (The Ohio State University)

Taught recitation, graded homework and exams, and worked in the math tutoring center.

- Math 1140 - Calculus I with Review *Fall 2023*
- Math 1149 - Trigonometry *Spring 2023*
- Math 1151 - Calculus I *Fall 2022*

Mentor for Honors Real Analysis (The Ohio State University)

Graded homework and held twice weekly problem solving sessions.

- Math 4182H - Honors Analysis 2 *Spring 2022*
A course in multivariable real analysis for honors students using Folland's *Advanced Calculus*.
- Math 4181H - Honors Analysis 1 *Fall 2022, Fall 2021*
A course in real analysis for honors students using Spivak's *Calculus*.

Student Instructional Associate (The Ohio State University)

Taught recitation, graded homework and exams, and worked in the math tutoring center.

- Math 1130 - College Algebra for Business *Spring 2021*
- Math 1148 - College Algebra *Fall 2020*
- Math 1148 - College Algebra *Fall 2019*