

Nicholas Wawrykow

curriculum vitae

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Education

- April 2023 **Ph.D in Mathematics**, University of Michigan, Ann Arbor, MI.
(expected)
- May 2017 **M.Sc. in Mathematics**, Yale University, New Haven, CT.
- May 2017 **B.Sc. in Mathematics**, Yale University, New Haven, CT.
Graduated cum laude with distinction in mathematics.

Research Interests

Representation stability, topology, geometric group theory

Teaching Experience

- Winter 2021 **Instructor**, *Math 116: Calculus II*.
- Fall 2020 **Instructor**, *Math 116: Calculus II*.
- Winter 2020 **Instructor**, *Math 116: Calculus II*.
- Fall 2019 **Instructor**, *Math 116: Calculus II*.
- Winter 2019 **Instructor**, *Math 116: Calculus II*.
- Fall 2018 **Instructor**, *Math 116: Calculus II*.
- Winter 2018 **Instructor**, *Math 115: Calculus I*.
- Fall 2017 **Instructor**, *Math 115: Calculus I*.

Talks and Posters

- February 2021 **Secondary Representation Stability and the Ordered Configuration Space of the Once-Punctured Torus**, *Purdue Topology Seminar*, West Lafayette, IN.
- August 2016 **Simplicial Complexes and Effective Divisors on $\overline{M}_{0,n}$** , *MAA MathFest*, Columbus, OH.
- July 2016 **Simplicial Complexes and Effective Divisors on $\overline{M}_{0,n}$** , *Williams REU Conference*, Williams College, Williamstown, MA.
- August 2014 **Jacobians on Finite Graphs**, *MAA MathFest*, Portland, OR.
- July 2014 **The Jacobian Group of a Finite Graph and the Monodromy Pairing**, *REU Mini-Conference*, Yale University, New Haven, CT.

Publications

- 2020 **Secondary representation stability and the ordered configuration space of the once-punctured torus**, ArXiv preprint, ArXiv: 2008.11766.
Submitted
- 2018 **Chip-firing on Trees of Loops**, with *Vivian Kuperberg, Sameer Kailasa*, Electronic Journal of Combinatorics, Volume 25.1.
- 2017 **Realization of Groups with Pairing as Jacobians of Finite Graphs**, with *Louis Gaudet, David Jensen, Dhruv Ranganathan, and Theodore Weisman*, Annals of Combinatorics, Volume 22.
- 2014 **Private Commemoration in the Public Form: A Study of the Library of Celsus**, *Yale Undergraduate Journal of Classics* 5 (2014), 30-41.

Awards and Honors

- 2016 **George Beckwith Prize for Excellence in Mathematics**, *Yale University*.

References

Available upon request