

# Suzanne O'Hara

 Suzanne O'Hara |  [seohara.research.wesleyan.edu](https://seohara.research.wesleyan.edu) |  [seohara@wesleyan.edu](mailto:seohara@wesleyan.edu)

## EDUCATION

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**Ph.D Candidate in Mathematics** *Wesleyan University* 2021-Present  
Advisor: Christopher Rasmussen  
**B.A. in Mathematics** *Skidmore College* 2017-2021  
Degree Honors: Magna Cum Laude, DeSieno Prize for Excellence in Math

## TEACHING EXPERIENCE

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**Visiting Instructor** *Wesleyan University*  
Elements of Calculus, Part I Fall 2023, Fall 2024  
**Graduate Teaching Assistant** *Wesleyan University*  
Vectors and Matrices Spring 2023  
Elementary Statistics Fall 2022, Spring 2022  
Multivariable Calculus Fall 2021  
Introduction to Abstract Algebra Spring 2024  
**Peer Academic Coach in Mathematics** *Skidmore College*  
Tutoring covering all undergraduate mathematics and statistics classes 200 level or below.

## PUBLICATIONS

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[Equitable Choosability of Prism Graphs.](#), with K. Hogenson and D. Johnston, arXiv:2305.14056.  
*Discussiones Mathematicae Graph Theory* (2024).

## SPEAKING EXPERIENCE

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**Wesleyan Graduate Student Seminar**  
Splitting and Ramifying Primes Sep 2024  
The Valuation on p-adic Numbers Feb 2024  
Inverse Limits and The Tate Module Feb 2024  
The Riemann-Roch Theorem Sep 2023  
Hilbert's Nullstellensatz Mar 2023  
Constructing the Surreal Numbers Nov 2022  
Equitable Choosability of Prism Graphs Nov 2021  
**Amarun-UCE School of Algebra** Equitable and Proportional Choosability Oct 2022  
**NES/MAA Fall 2022** Equitable Choosability of Prism Graphs Nov 2022

## CONFERENCES AND WORKSHOPS

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**Preliminary Arizona Winter School: Local Fields** Sep-Nov 2024  
**CTNT Workshop and Conference** June 2024  
**GTA: Philadelphia** June 2024  
**Arizona Winter School: Abelian Varieties** (NSF Funded) March 2024  
**GTA: Philadelphia** (NSF Funded) May 2023  
**Upstate NY Number Theory** (NSF Funded) Apr 2023  
**MAA NES Fall Meeting** Nov 2022

## MENTORSHIP AND SERVICE

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<b>Graduate Student Seminar Organizer</b>	Fall 2022-Fall 2024
<b>Wesleyan Math Graduate School Panelist</b>	Oct 2024
<b>Directed Reading Program Mentor, Topic: The Geometry of SET</b>	Spring 2024
<b>Directed Reading Program Mentor, Topic: Surreal Numbers</b>	Spring 2023
<b>Skidmore Math Graduate School Panelist</b>	Oct 2022