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Education

2022-Present	University of Nebraska-Lincoln Phd Candidate in Mathematics Advised by Alexandra Seceleanu
2022-2024	University of Nebraska-Lincoln M.S. in Mathematics
2018-2022	Bryn Mawr College A.B. in Mathematics

Papers

2026	<i>Cohomological support varieties for monomial ideals</i> , with Julianne Faur, Benjamin Katz, Kesavan Mohana Sundaram, Stephen Stern, Ryan Watson Preprint
2021	<i>Probability Distributions for Elliptic Curves in the CGL Hash Function</i> , with D. Bhatia, M. Watson Rose-Hulman Mathematical Sciences Technical Report Series

Talks and Presentations

Spring 2026	UNL : Commutative Algebra Seminar <i>Tor Algebra Classification for Rings from General Points</i>
Fall 2024	UNL Commutative Algebra Reading Seminar: <i>An introduction to the Weak Lefschetz Property</i>
Spring 2022	Joint Mathematics Meeting Pi Mu Epsilon poster presentation: <i>Probability Distributions in the CGL Hash Function</i>
Fall 2021	Bryn Mawr College Distressing Math Collective: <i>Probability Distributions in the CGL Hash Function</i>

Organizing

Conferences

Fall 2026	Co-organizer of URiCA: Upcoming Researchers in Commutative Algebra
Spring 2025	Co-organizer of URiCA: Upcoming Researchers in Commutative Algebra

Seminars

AY 2025-26	Co-organizer of CARS: Commutative Algebra Reading Seminar
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Conferences Attended

Spring 2026	A Celebration of Golod's Mathematical Legacy - University of Warwick
Spring 2026	CA+ - Iowa State University
Fall 2025	KUMUNU - University of Missouri
Summer 2025	An Introduction to Recent Trends in Commutative Algebra - The Fields Institute
Spring 2025	CA+ - Iowa State University
Fall 2024	KUMUNU - University of Missouri
Spring 2023	Math 125 - University of Nebraska-Lincoln

Teaching Experience

Instructor, *University of Nebraska-Lincoln*

Fall 2024	Math 101C - College Algebra with Co-requisite Intermediate Algebra
Spring 2024	Math 203 - Contemporary Mathematics
Fall 2023	Math 100A - Intermediate Algebra

Teaching Assistant, *University of Nebraska-Lincoln*

Fall 2025	Math 314 - Linear Algebra
Spring 2025	Math 314 - Linear Algebra
Summer 2024	Math 107 - Calculus 2
Spring 2023	Math 106 - Calculus 1
Fall 2022	Math 106 - Calculus 1

Teaching Assistant, *Bryn Mawr College*

Spring 2021	Math 203 - Linear Algebra
Fall 2020	Math 290 - Elementary Number Theory
