

Education

2022–Present	University of Nebraska, Lincoln PhD Student in Mathematics Advised by Eloísa Grifo
2020–2022	University of California, Riverside Passed Qualifying Exams
2015–2019	University of California, Los Angeles B.S. Double Major in Mathematics and Statistics

Research Interests

Broadly speaking, I am interested in commutative algebra and homological algebra and their intersections with algebraic geometry.

Talks and Presentations

May 2023	UNL Commutative Algebra Reading Seminar: <i>Differential Graded Algebras and Tate Resolutions</i>
December 2022	UNL Commutative Algebra Reading Seminar: <i>Introduction to Sheaves and their Stalks</i>
June 2019	UCLA DRP Colloquium: <i>Classification of Surfaces Using Morse Theory</i>

Conferences Organized

2022 – 2023	Co-organizer of URiCA
-------------	-----------------------

Teaching Experience

Instructor, *University of Nebraska, Lincoln*

Spring 2023	Math 203 – Contemporary Math
Fall 2022	Math 100A – Intermediate Algebra

Teaching Assistant, *University of California, Riverside*

Spring 2022	Math 031 – Applied Linear Algebra
Winter 2022	Math 009B – First Year Calculus
Winter 2022	Math 010B – Calculus of Several Variables
Winter 2022	Math 011 – Discrete Structures
Fall 2021	Math 006B – Intro to College Math
Fall 2021	Math 011 – Discrete Structures
Fall 2021	Math 046 – Intro to ODEs
Winter 2021	MATH 022 – Calculus for Business Majors
Winter 2021	Math 131 – Linear Algebra 1
Fall 2020	MATH 009A – First Year Calculus
Fall 2020	MATH 149A – Probability and Mathematical Statistics

Instructor, *Math Academy (Pasadena, CA)*

Summer 2020	Multivariable Calculus Prep.
-------------	------------------------------

Outreach

Spring 2023	Led a directed reading program on homological and commutative algebra at UNL.
Winter 2023	Volunteered for the Nebraska Conference for Undergraduate Women in Mathematics.
Fall 2022	Led a directed reading program on homological algebra at UNL.

Conferences/Programs Attended

May 2023	URiCA in Lincoln, Nebraska
April 2023	CA+ in Minneapolis, Minnesota
October 2022	KUMUNU in Lincoln, Nebraska
June 2022	Pan-American School in Commutative Algebra in Guanajuato, Mexico
