

Adrian Neff

University of Colorado Boulder
Department of Mathematics
Boulder, CO 80309
adrian.neff@colorado.edu

EDUCATION **Ph.D. Candidate in Mathematics**, University of Colorado Boulder (2019 – present),
Advisor: Jonathan Wise

B.S. in Mathematics, Ohio State University (2015 – 2019)

RESEARCH INTERESTS My interests are in algebraic geometry; more specifically, I'm currently interested in log and tropical geometry, stable map spaces, Gromov–Witten theory, and moduli of curves.

PREPRINTS “A classification of modular compactifications of the space of pointed elliptic curves by Gorenstein curves”, with Sebastian Bozlee and Bob Kuo, [ArXiv:2105.10582](https://arxiv.org/abs/2105.10582)

SEMINARS ORGANIZED **Stacks and Moduli of Curves**: Organized a graduate student reading seminar on stacks and moduli of curves, following Jarod Alper’s UW lectures. (Fall 2021)

SEMINAR TALKS Graduate Student Seminar, University of Colorado Boulder: “An Introduction to Moduli Spaces”, Fall 2022

Algebraic Geometry Seminar, University of Colorado Boulder: “Modular compactifications of the space of genus 1 curves”, Fall 2022

Category Theory Seminar, University of Colorado Boulder: “Representable functors and the Yoneda Lemma”, Fall 2021

Graduate Student Seminar, University of Colorado Boulder: “An introduction to affine schemes”, Fall 2020

Reading seminar on sheaves in geometry and logic, University of Colorado Boulder: “The Zariski site”, Fall 2020

TEACHING **Instructor:**

University of Colorado Boulder, MATH 1300, Calculus I: Spring 2023

University of Colorado Boulder, MATH 2300, Calculus II: Fall 2020

University of Colorado Boulder, MATH 2400, Calculus III: Fall 2021, Spring 2022

Teaching Assistant:

University of Colorado Boulder, MATH 1300, Calculus I: Fall 2019, Spring 2020, Fall 2022

University of Colorado Boulder, MATH 2400, Calculus III: Spring 2021

**GRANTS,
AWARDS**

Leonhardy Fellowship, Summer 2022

Haller Fellowship, Summer 2021

Research Experience for Graduates Summer Fellowship, Summer 2020