

Andrew DeLapo

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Education

University of Connecticut *Mathematics PhD*

Fall 2021 - Present

- **Advisors:** Damir Dzhafarov and Reed Solomon
- **Research Interests:** mathematical logic, computability theory, reverse mathematics, effective topology

University of California, Berkeley *Mathematics BA*

Fall 2016 - Spring 2020

- **Advisor:** Theodore Slaman
- **Honors Thesis:** Bernoulli Randomness and Bernoulli Normality
- Minor in Computer Science

Awards

Louis J. DeLuca Award for Excellence in Teaching

April 2025

Mathematics Department, University of Connecticut

Summer Disseration Fellowship

Summer 2025

Graduate School, University of Connecticut

Math Teaching Innovation Fellowship

Fall 2024 - Spring 2025

Mathematics Department, University of Connecticut

Connie Strange Graduate Community Award

April 2024

Mathematics Department, University of Connecticut

Summer Research Fellowship

Summer 2023

Mathematics Department, University of Connecticut

Publications

Computability of Separation Axioms in Countable Second Countable Spaces

July 2025

With David Gonzalez

Submitted, [arXiv](#) 

The Ginsburg–Sands Theorem and Computability Theory

May 2024

With Heidi Benham, Damir Dzhafarov, Reed Solomon, and Java Darleen Villano

[Advances in Mathematics](#) 

Bernoulli Randomness and Bernoulli Normality

September 2021

[Mathematical Logic Quarterly](#) 

Teaching

Instructor of Record, EMITT Scholar

Storrs, CT

University of Connecticut

- **Fall 2025:** Math 1060Q: Precalculus

Instructor of Record, Math Teaching Innovation Fellow

Storrs, CT

University of Connecticut

- **Spring 2025:** Math 2110Q: Multivariable Calculus
- **Fall 2024:** Math 2110Q: Multivariable Calculus

Instructor of Record

Storrs, CT

University of Connecticut

- **Spring 2024:** Math 1071Q: Calculus for Business and Economics

Teaching Assistant
University of Connecticut

Storrs, CT

- **Summer 2025:** Math 1132Q: Calculus II
- **Summer 2024:** Math 1132Q: Calculus II
- **Fall 2023:** Math 1132Q: Calculus II
- **Spring 2023:** Math 1132Q: Calculus II
- **Fall 2022:** Math 2110Q: Multivariable Calculus
- **Summer 2022:** Math 1131Q: Calculus I
- **Spring 2022:** Math 1131Q: Calculus I
- **Fall 2021:** Math 1131Q: Calculus I

Conference Invitations

New England Recursion and Definability Seminar 27.0
University of Connecticut

October 2025
Storrs, CT

Presentation Title: Computable Categoricity for CSC Spaces

“Reverse Mathematics: New Paradigms” Summer School and Workshop
Erwin Schrödinger Institute of Mathematics and Physics

July - August 2025
Vienna, Austria

Contributed Talk: Finding Discrete Subspaces of Hausdorff CSC Spaces

North American Annual Meeting of the Association for Symbolic Logic
New Mexico State University

May 2025
Las Cruces, NM

Presentation Title: Computability and Countable Second-Countable Spaces

Contributed Talks

Graduate Research Forum
University of Connecticut

January 2025
Storrs, CT

Presentation Title: Computable Categoricity and CSC Spaces

North American Annual Meeting of the Association for Symbolic Logic
Iowa State University

May 2024
Ames, IA

Presentation Title: Index Sets of CSC Spaces

Intl. Conference on Computability, Complexity, and Randomness
Nagoya University

March 2024
Nagoya, Japan

Presentation Title: Index Sets of CSC Spaces

AMS New England Graduate Student Conference
Brown University

April 2022
Providence, RI

Presentation Title: Bernoulli Randomness and Bernoulli Normality

Conferences Attended

AMS Special Session on Computable Mathematics
Joint Mathematics Meetings

January 2024
San Francisco, CA

Computability and Combinatorics Summer School and Conference
UConn Hartford

May 2023
Hartford, CT

IMS Graduate Summer School in Logic
National University of Singapore

July 2022
Singapore

Seminar Talks

Connecticut Logic Seminar
University of Connecticut

December 2025
Storrs, CT

Presentation Title: TBD

Logic Seminar
University of Leeds

March 2025
Leeds, United Kingdom

Presentation Title: Index Sets and Computable Categoricity of CSC Spaces

Online Logic Seminar
Southern Illinois University

February 2025
Online

Presentation Title: Index Sets and Computable Categoricity of CSC Spaces

SIGMA Seminar
University of Connecticut

September 2024
Storrs, CT

Presentation Title: Computing Discrete Subspaces of Hausdorff Spaces

Connecticut Logic Seminar
University of Connecticut

February 2022
Storrs, CT

Presentation Title: Bernoulli Randomness and Bernoulli Normality

Mathematics Undergraduate Student Association
University of California, Berkeley

November 2021
Berkeley, CA

Presentation Title: An Introduction to the Axiom of Choice

Outreach, Service, and Mentorship

SIGMA Seminar Organizer
University of Connecticut

Fall 2024 - Present
Storrs, CT

SIGMA is a weekly seminar for graduate students in the Mathematics Department at UConn. Talks are usually given by graduate students and are intended for a first- and second-year graduate student audience.

Teaching Assistant Mentor
University of Connecticut

Fall 2023 - Spring 2025
Storrs, CT

Mentored two first-year mathematics graduate students in their roles as teaching assistants.

MATHCOUNTS Volunteer
University of Connecticut

February 2025
Storrs, CT

Helped set up, grade, and clean up for the MATHCOUNTS Eastern Chapter competition at the University of Connecticut. The MATHCOUNTS competition is an event for local middle school students to solve competition-level mathematics problems.

Speaker at the Mathematics Continued Conference
University of Connecticut

March 2024
Storrs, CT

The Mathematics Continued Conference features talks for undergraduate students who are interested in continuing to study mathematics after graduating. My presentation introduced computability theory and the Turing degrees.

Directed Reading Program Mentor
University of Connecticut

Fall 2023
Storrs, CT

Participated in the Directed Reading Program in the UConn Mathematics department. Mentored an undergraduate student as we read through a textbook in computability theory.

President of UConn AMS Graduate Student Chapter
University of Connecticut

Fall 2022 - Spring 2024
Storrs, CT

Organized social and professional development activities for graduate students in the Mathematics Department.

Secretary of UConn AMS Graduate Student Chapter
University of Connecticut

Fall 2021 - Spring 2022
Storrs, CT

Organized social and professional development activities for graduate students in the Mathematics Department.