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

Publications

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 — *Storrs, CT*
University of Connecticut
- **Spring 2025:** Math 2110Q: Multivariable Calculus
- **Fall 2024:** Math 2110Q: Multivariable Calculus
- **Spring 2024:** Math 1071Q: Calculus for Business and Economics

Teaching Assistant — *Storrs, CT*
University of Connecticut
- **Summer 2024:** Math 1132Q: Calculus II
- **Fall 2023:** Math 1132Q: Calculus II
- **Spring 2023:** Math 1132Q: Calculus II
- **Fall 2022:** Math 2110Q: Multivariable Calulus
- **Summer 2022:** Math 1131Q: Calculus I
- **Spring 2022:** Math 1131Q: Calculus I
- **Fall 2021:** Math 1131Q: Calculus I

Conference Invitations

North American Annual Meeting of the Association for Symbolic Logic — *May 2025*
New Mexico State University — *Las Cruces, NM*
Presentation Title: TBA

Contributed Talks

North American Annual Meeting of the Association for Symbolic Logic — *May 2024*
Iowa State University — *Ames, IA*
Presentation Title: Index Sets of CSC Spaces

International Conference on Computability, Complexity, and Randomness — *March 2024*
Nagoya University — *Nagoya, Japan*
Presentation Title: Index Sets of CSC Spaces

AMS New England Graduate Student Conference *April 2022*
Brown University *Providence, RI*

Presentation Title: Bernoulli Randomness and Bernoulli Normality

Conferences Attended

AMS Special Session on Computable Mathematics *January 2024*
Joint Mathematics Meetings *San Francisco, CA*

Computability and Combinatorics Summer School and Conference *May 2023*
UConn Hartford *Hartford, CT*

IMS Graduate Summer School in Logic *July 2022*
National University of Singapore *Singapore*

Seminar Talks

SIGMA Seminar *September 2024*
University of Connecticut *Storrs, CT*

Presentation Title: Computing Discrete Subspaces of Hausdorff Spaces

Connecticut Logic Seminar *February 2022*
University of Connecticut *Storrs, CT*

Presentation Title: Bernoulli Randomness and Bernoulli Normality

Mathematics Undergraduate Student Association *November 2021*
University of California, Berkeley *Berkeley, CA*

Presentation Title: An Introduction to the Axiom of Choice

Outreach and Service

SIGMA Seminar Organizer *Fall 2024 - Present*
University of Connecticut *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.

Speaker at the Mathematics Continued Conference *March 2024*
University of Connecticut *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.

President of UConn AMS Graduate Student Chapter *Fall 2022 - Spring 2024*
University of Connecticut *Storrs, CT*

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

Secretary of UConn AMS Graduate Student Chapter *Fall 2021 - Spring 2022*
University of Connecticut *Storrs, CT*

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