

John Teague

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ACADEMIC INTERESTS

Broadly interested in applications of gauge- and Floer-theoretic invariants to low-dimensional topology, especially in dimension 4.

EDUCATION

University of Texas at Austin Ph.D. in Mathematics (In Progress)	Austin, TX 2024 - Present
University of Texas at Austin B.S. in Mathematics and B.S. in Computer Science (Honors)	Austin, TX 2020-2024

PREPRINTS AND PUBLICATIONS

Non-Local Surface Knots and Slice Disks Honors thesis with Lisa Piccirillo (Preprint available on arXiv)	Spring 2024
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HONORS/AWARDS

Frank Gerth III Teaching Excellence Award University of Texas at Austin	Fall 2024
NSF Graduate Fellowship Honorable Mention NSF Graduate Research Fellowship Program	Fall 2024

TEACHING

University of Texas at Austin – Teaching assistant for linear algebra, integral and differential calculus	Fall 2024 - Present
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CONFERENCES

Knots, Groups, and Manifolds CRM, Montreal	Summer 2025
New Structures in Low-Dimensional Topology International Centre for Theoretical Physics	Summer 2025
Georgia International Topology Conference University of Georgia	Summer 2025
Graduate Student Topology and Geometry Conference Indiana University Bloomington	Spring 2025

Texas Geometry and Topology Conference Texas A&M University	Fall 2024
New Structures in Low-Dimensional Topology Alfréd Rényi Institute of Mathematics	Summer 2024
Texas Undergraduate Mathematics Conference Stephen F. Austin State University – University of Georgia REU results on Multisections of 4-Manifolds, Podium Presentation	Fall 2023
Texas Undergraduate Groups and Dynamics Conference University of Texas at Austin – Dirichlet Domains and Deformations of Convex Projective Structures, Podium Presentation	Spring 2023

SERVICE

Graduate Student Mentor UT Austin Directed Reading Program	Fall 2024 - Present
Graduate Student Mentor Texas Experimental Geometry Lab Faculty Advisor: Jeffrey Danciger	Spring 2025
UT Austin Math Club President	Fall 2022 - Fall 2023