

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

PREPRINTS AND PUBLICATIONS

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

HONORS/AWARDS

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

TEACHING

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

CONFERENCES

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

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

SERVICE

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