

RYLEE LYMAN

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INTERESTS	Geometric Topology, Hyperbolic and CAT(0) geometry, Geometric Group Theory	
EDUCATION	<b>Tufts University</b> , PhD in Mathematics (Advisor: Kim Ruane) <b>Tufts University</b> , MS in Mathematics <b>Columbia University</b> , BA in Mathematics (honors) & Music, <i>cum laude</i>	<i>expected</i> May 2020 May 2017 May 2015
RESEARCH	<b>Train Tracks, Orbigraphs and CAT(0) Free-By-Cyclic Groups</b> <i>In preparation.</i> <b>Doubly-Uniform Exponential Growth for Free-By-Cyclic Groups</b> (with Robert Kropholler and Thomas Ng) <i>In preparation.</i> <b>Out(<math>F_\infty</math>) and Big Mapping Class Groups</b> (with Santana Afton) <i>In preparation.</i>	
CONFERENCE & SEMINAR TALKS	<b>Sectional AMS Meeting Special Session</b> <i>Effective and Quantitative Advances in Low Dimensional Topology and Geometric Group Theory</i> , Binghamton University <b>Algebra/Topology Seminar</b> State University of New York at Albany <b>Young Geometric Group Theory VIII</b> <i>Lightning Talk</i> , Colegio Mayor Miguel de Unamuno <b>LG&amp;TBQ</b> University of Michigan <b>Graduate Student Conference in Algebra, Geometry and Topology</b> Temple University <b>Graduate Student Topology and Geometry Conference</b> <i>Lightning Talk</i> , University of Illinois at Urbana-Champaign <b>Spring Topology and Dynamical Systems Conference</b> University of Alabama at Birmingham <b>Geometric Group Theory and Topology Seminar</b> Tufts University <b>Eminar</b> Tufts Student Seminar, <i>5 talks</i>	Oct 2019  Oct 2019 July 2019 June 2019 June 2019 Mar 2019 Mar 2019 Nov 2018 2017–2019
CONFERENCE PARTICIPATION	<b>Wasatch Topology Conference</b> University of Utah, Brigham Young University <b>Aspects of Geometric Group Theory</b> Institut des Hautes Études Scientifiques <b>Spring Opportunities Workshop</b> American Institute of Mathematics <b>Young Geometric Group Theory in the Midwest</b> University of Wisconsin at Madison <b>Women and Mathematics Program</b> Institute for Advanced Study	Aug 2019 July 2019 Apr 2019 Oct 2018 May 2016
TEACHING	Instructor of Record, Math of Social Choice, Tufts University Recitation Leader, Calculus II, Tufts University Mentor, Tufts Directed Reading Project	Spring 2019, Summer 2019 Spring 2017, Spring 2018, Fall 2018 Summer 2016

SERVICE	Co-organizer, Tufts Directed Reading Program	AY 2018–20
	Organizer, Geometric Group Theory Reading Seminar	AY 2019
	Treasurer, Tufts Organization of Graduate Students in Mathematics	AY 2018–19
	Mathematics Department Graduate Union Steward	AY 2017–19
	Mathematics Department Representative, Tufts Graduate Student Council	AY 2017–18
	Graduate Student Member, Tufts Committee on Curricula	AY 2017–18
REFERENCES	<b>Kim Ruane</b> (Advisor) kim.ruane@tufts.edu	
	<b>Genevieve Walsh</b> genevieve.walsh@tufts.edu	
	<b>Robert Kropholler</b> robert.kropholler@tufts.edu	
OTHER	<b>Languages:</b> English (native), German (intermediate), Japanese (intermediate)	
	<b>Citizenship:</b> United States of America	