

RYLEE LYMAN

CONTACT	Tufts University Mathematics 503 Boston Ave Medford, MA 02155	<i>E-mail:</i> rylee.lyman@tufts.edu <i>Mobile:</i> 952.465.6895 <i>Webpage:</i> http://www.ryleealanza.org
INTERESTS	Geometric Topology, Hyperbolic and CAT(0) geometry, Geometric Group Theory	
EDUCATION	Tufts University , PhD in Mathematics (Advisor: Kim Ruane)	<i>expected</i> May 2020
	Tufts University , MS in Mathematics	May 2017
	Columbia University , BA in Mathematics (honors) & Music, <i>cum laude</i>	May 2015
RESEARCH	Train Tracks, Orbigraphs and CAT(0) Free-By-Cyclic Groups <i>In preparation.</i>	
	Doubly-Uniform Exponential Growth for Free-By-Cyclic Groups (with Robert Kropholler and Thomas Ng) <i>In preparation.</i>	
	Out(F_∞) and Big Mapping Class Groups (with Santana Afton) <i>In preparation.</i>	
CONFERENCE & SEMINAR TALKS	Special Session, AMS Sectional Meeting <i>Combinatorial Methods in Geometric Group Theory,</i> University of Virginia at Charlottesville	Mar 2020
	Special Session, AMS Sectional Meeting <i>Effective and Quantitative Advances in Low Dimensional Topology</i> <i>and Geometric Group Theory,</i> Binghamton University	Oct 2019
	Algebra/Topology Seminar State University of New York at Albany	Oct 2019
	Graduate Seminar Temple University	Sep 2019
	Geometry and Topology Seminar Temple University	Sep 2019
	Young Geometric Group Theory VIII <i>Lightning Talk,</i> Colegio Mayor Miguel de Unamuno	July 2019
	LG&TBQ University of Michigan	June 2019
	Graduate Student Conference in Algebra, Geometry and Topology Temple University	June 2019
	Graduate Student Topology and Geometry Conference <i>Lightning Talk,</i> University of Illinois at Urbana-Champaign	Mar 2019
	Spring Topology and Dynamical Systems Conference University of Alabama at Birmingham	Mar 2019
	Geometric Group Theory and Topology Seminar Tufts University	Nov 2018
	Eminar Tufts Student Seminar, 5 talks	2017–2019

CONFERENCE PARTICIPATION	Wasatch Topology Conference	Aug 2019
	University of Utah, Brigham Young University	
	Aspects of Geometric Group Theory	July 2019
	Institut des Hautes Études Scientifiques	
	Spring Opportunities Workshop	Apr 2019
	American Institute of Mathematics	
	Young Geometric Group Theory in the Midwest	Oct 2018
	University of Wisconsin at Madison	
	Women and Mathematics Program	May 2016
	Institute for Advanced Study	
TEACHING	Head Teaching Assistant	AY 2019–20
	Co-organizer, Graduate Development Seminar	AY 2019–20
	Instructor of Record, Math of Social Choice, Tufts University	Spring 2019, Summer 2019
	Recitation Leader, Calculus I, Tufts University	Fall 2019
	Recitation Leader, Calculus II, Tufts University	Spring 2017, Spring 2018, Fall 2018
	Mentor, Tufts Directed Reading Project	Summer 2016
SERVICE	Co-organizer, Tufts Directed Reading Program	AY 2018–20
	Organizer, Geometric Group Theory Reading Seminar	AY 2019–20
	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	Kim Ruane (Advisor) kim.ruane@tufts.edu	
	Genevieve Walsh genevieve.walsh@tufts.edu	
	Robert Kropholler robert.kropholler@tufts.edu	
OTHER	Languages: English (native), German (intermediate), Japanese (intermediate)	
	Citizenship: United States of America	