

Alice Ponte

Department of Mathematics
University of Utah
Salt Lake City, Utah

alicepontee.github.io
alice.ponte@utah.edu

RESEARCH INTERESTS

Descriptive set theory, dynamical systems, and geometric group theory, with an emphasis on the classification complexity of ergodic flows, higher-rank group actions, and infinite-type mapping class groups.

EDUCATION

University of Utah	Salt Lake City, UT
PhD in Mathematics	2024 -
Advisor: Kurt Vinhage	
Georgia Institute of Technology	Atlanta, GA
BS in Mathematics, Computer Science (Intelligence) minor	2023
Budapest Semester in Mathematics	Fall 2021
Hope Scholarship	

FUNDING & AWARDS

Dept. of Mathematics Summer Research Fellowship	2025, 2026
College of Science Enhancing Diversity and Graduate Student Success (EDGES) Fellowship	2023 -

TALKS

Construction of Normal Forms in Hyperbolic Dynamics	
<i>Dynamics Seminar</i> , University of Utah	Spring 2026
Normal Subgroup Theorem through Measure Rigidity	
<i>Dynamics Seminar</i> , University of Utah	Spring 2026
Nielsen Thurston Classification	
<i>GGT Student Seminar</i> , University of Utah	Spring 2026

CONFERENCES ATTENDED

Midwest Dynamical Systems Conference (Notre Dame, IN)	Spring 2026
Western Dynamics Conference (Salt Lake City, UT)	Spring 2026

TEACHING

University of Utah	
Math 1210 Calculus 1 (<i>Instructor</i>)	Spring 2026
Math 1030 Quantitative Reasoning (<i>Instructor</i>)	Fall 2025
Math 1220 Calculus 2 (<i>TA</i>)	Spring 2025
Math 1210 Calculus 1 (<i>TA</i>)	Fall 2024

SERVICE

Association of Women in Mathematics	
Vice President	2026 -
Treasurer	2025-2026
Living Room Exchange of Mathematics (Organizer)	2025-2026