

## Eleanor S. Waiss

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CONTACT INFORMATION	<i>E-mail:</i> ewaiss@butler.edu <i>Website:</i> eleanorwaiss.github.io
EDUCATION	<b>Butler University</b> , Indianapolis, IN USA B.S., Mathematics and Actuarial Science Minor in Computer Science <i>Expected May 2025</i>
EXPERIENCE	<b>Student Researcher</b> Department of Computer Science May 2024–Present                      Butler University, Indianapolis IN Summer research funded by internal grant. Worked with Dr. Jon Sorenson on computational number theory and theoretical computer science.  <b>Mathematics Tutor</b> Department of Mathematical Science, August 2022–Present                      Butler University, Indianapolis IN Elevated student success through developing understanding, improving communication, and overcoming anxiety towards mathematics. Classes supported include single- and multivariate-calculus, linear algebra, elementary statistics, and discrete mathematics. Supported drop-in lab hours, private tutor requests, and course-wide final exam reviews.  <b>Actuarial Intern</b> OneAmerica Financial Partners, Inc. May 2023–August 2023                      Indianapolis IN Intern with individual life pricing team. Projects include rate setting for indexed products, creation of a rate update memo to be distributed monthly to general agents, database creation for annual financial planning, and decrement model sensitivity/competitiveness analysis for term life products.
RESEARCH INTERESTS	Complex Dynamics, Geometry, and intersections with Computer Science
AWARDS AND HONORS	National Finalist, Barry Goldwater Fellowship Robert O. Whitesell Endowed Scholar in Mathematics, <i>Butler University</i>
PAPERS	<b>(in progress)</b> Limits of Julia Sets of Sums of Iterates and Powers of Polynomials <i>with A. Kapiamba and S. Kaschner</i>  <b>(in progress)</b> Sums of Powers of Consecutive Primes of Non-integer Type <i>with J. Sorenson</i>
INVITED PRESENTATIONS	A Limited History of Complex Dynamics <i>Colloquium Series</i> , Butler University, 12 April 2024  Developing Intentional Practices and Cultivating an Inclusive Environment for Trans, Non-Binary, and Genderqueer Students (with D. Beh, et al.) <i>Inclusive Pedagogy Workshop</i> , Butler University, 24 March 2023

CONTRIBUTED LECTURES AND POSTERS	Geometric Limits of Julia Sets of Sums of Iterates and Powers of Polynomials <i>Joint Mathematics Meetings</i> , San Francisco, CA USA, 6 January 2024 <i>Dynamical Systems and their Applications</i> , Miami, OH USA, 29 September 2023	
	Dabbling in Dobble!: An Exploration of Monomatching Games (poster) <i>Indiana MAA Fall Sectional Meeting</i> , Terra Haute, IN USA, 22 October 2022	
DEPARTMENTAL SERVICE	<b>Butler University</b> , Indianapolis, IN USA	
	<i>Coordinator, Mathematics Lab</i> <i>Mathematics Lab Tutor</i> <i>Athletics Tutor - Mathematics</i> <i>Actuarial Science Club President</i>	May 2024 to Present August 2022 to April 2024 June 2023 to April 2024 September 2022 to August 2023
EXTRACURRICULAR SERVICE	Resident Assistant, Butler Residence Life   <i>May 2024–May 2025</i> President, Dawgs and Dice TTRPG Club   <i>May 2023–May 2024</i> Treasurer, LGBTQIA+ Alliance   <i>May 2022–May 2023</i> National Polestar Coordinator, Order of the Arrow   <i>August 2021–September 2022</i>	
PROFESSIONAL AFFILIATIONS	Spectra: The Association for LGBTQ+ Mathematicians oSTEM: Out in STEM Society of Actuaries Mathematical Association of America Kappa Mu Epsilon	