

## Eleanor S. Waiss

---

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> <i>GPA: 3.9/4.0</i>	
RESEARCH INTERESTS	Complex Dynamics, Number Theory, and Computer Science	
AWARDS AND HONORS	National Finalist, Barry Goldwater Fellowship Robert O. Whitesell Endowed Scholar in Mathematics, <i>Butler University</i>	
PAPERS	<b>(submitted to journal)</b> Geometric Limits of Sums of Iterated and Fixed Polynomials <i>with A. Kapiamba and S. Kaschner</i>  <b>(in progress)</b> Optimal Frequency Algorithm for Sums of Consecutive Primes <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	
EXPERIENCE	<b>Student Researcher</b> May 2024–August 2024 Summer research funded by internal grant. Worked with Dr. Jon Sorenson on computational number theory and theoretical computer science.	Department of Computer Science Butler University, Indianapolis IN
	<b>Mathematics Tutor</b> August 2022–Present 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.	Department of Mathematical Science, Butler University, Indianapolis IN

**Actuarial Intern**                      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.

DEPARTMENTAL SERVICE	<b>Butler University</b> , Indianapolis, IN USA	
	<i>Coordinator, Mathematics Lab</i>	<b>May 2024 to Present</b>
	<i>Mathematics Lab Tutor</i>	<b>August 2022 to April 2024</b>
	<i>Athletics Tutor - Mathematics</i>	<b>June 2023 to April 2024</b>
	<i>Actuarial Science Club President</i>	<b>September 2022 to August 2023</b>

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