

KELLY POHLAND

PERSONAL INFORMATION

University of Oregon
Department of Mathematics
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EDUCATION

- Ph.D. Mathematics, University of Oregon, Spring 2022 (expected)
Advisor: Daniel Dugger
 - B.S. Mathematics, Allegheny College, 2016
Minor in Music Performance
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RESEARCH INTERESTS

- Equivariant homotopy theory, $RO(G)$ -graded Bredon cohomology
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PUBLICATIONS

- *University of Oregon AWM Chapter: Creation and Evolution*. With E. Bellah, S. Frei, and L. Merrill, appearing in *Fifty Years of Women in Mathematics: Reminiscences, History, and Visions for the Future of AWM*
 - *Some nonsimple modules for centralizer algebras of the symmetric group*, appearing in *Involve: A Journal of Mathematics* in January 2016
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INVITED TALKS AND PRESENTATIONS

- *The $RO(C_3)$ -graded cohomology of C_3 -surfaces in $\mathbb{Z}/3$ -coefficients*, AMS Special Session on Equivariant and Motivic Homotopy Theory, October 23 - 24, 2021
- *Order 3 symmetries of surfaces*, Mathematics Teacher-Scholar Symposium, Reed College, May 22, 2021
- *Equivariant Bredon cohomology of C_3 -surfaces* (poster), Graduate Student Topology and Geometry Conference, April 9, 2021
- *Some nonsimple modules for centralizer algebras of the symmetric group* (poster), JMM, January 2016

CONFERENCES AND WORKSHOPS ATTENDED

- Mathematics Teacher-Scholar Symposium, Reed College, May 22-23, 2021
 - Graduate Student Topology and Geometry Conference, online, April 9-11, 2021
 - Joint Mathematics Meetings, Seattle, WA, January 6-9, 2016
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TEACHING EXPERIENCE

- I was the Instructor of Record for the following courses at University of Oregon:

Term	Course Number	Course Name
Winter 2021	Math 307	Introduction to Proof
Fall 2020	Math 253	Calculus III
Spring 2020	Math 251	Calculus I
Winter 2020	Math 252	Calculus II
Summer 2019	Math 243	Intro to Probability and Statistics
Spring 2019	Math 252	Calculus II
Winter 2019	Math 251	Calculus I
Summer 2018	Math 243	Intro to Probability and Statistics
Spring 2018	Math 112	Elementary Functions
Winter 2018	Math 112	Elementary Functions
Summer 2017	Math 243	Intro to Probability and Statistics
Winter 2017	Math 111	College Algebra
Fall 2016	Math 111	College Algebra

- Teacher's Assisitant for Calculus I (Math 251) in Fall 2021
- Teacher's Assistant for Intro to Probability and Statistics (Math 243) in Fall 2019
- Teacher's Assistant for Business Calculus I (Math 241) in Fall 2017 and Fall 2018

SERVICE AND MEMBERSHIPS

- UO AWM Student Chapter President, June 2021 - Present
 - Mentor in the UO Undergraduate Directed Reading Program, January 2021 - April 2021
 - Co-founder for the UO Antiracism Learning Seminar
 - Committee member for the UO AMS Outreach committee, September 2020 - Present
 - Mentor to first year graduate student, September 2019 - June 2020
 - Student member of the Association for Women in Mathematics, 2019 and 2021
 - Volunteer at Oregon Invitational Mathematics Tournament, May 2018
 - Committee Chair for UO AWM Speaker Series Committee, September 2018 - June 2021
 - Member of the UO Graduate Affairs Committee, June 2017 - June 2019
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EXPOSITORY TALKS IN UO HOMOTOPY SEMINAR

- *Higher Steenrod powers*, 2021
 - *$RO(G)$ -graded cohomology and C_3 -surfaces*, 2020
 - *$RO(C_2)$ -graded cohomology of equivariant Grassmannians*, 2019
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HONORS AND AWARDS

- *Frank W. Anderson Graduate Teaching Award*, University of Oregon, 2021
 - *Doane Scholar*, Allegheny College, 2013 - 2016
 - *Distinguished Alden Scholar*, Allegheny College, 2012 - 2016
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PROFICIENCIES

- *Software*: Zoom, Microsoft Teams, Microsoft Office, Adobe Illustrator
- *Programming/Typesetting*: LaTeX, Python