

# KELLY POHLAND

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## PERSONAL INFORMATION

University of Oregon  
Department of Mathematics  
Eugene, Oregon 97403

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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

- *Some nonsimple modules for centralizer algebras of the symmetric group*, appearing in *Involve: A Journal of Mathematics* in January 2016
  - *University of Oregon AWM Chapter: Creation and Evolution*. With E. Bellah, S. Frei, and L. Merill, appearing in *Association for women in Mathematics: The First Fifty Years*
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## INVITED TALKS AND PRESENTATIONS

- *Some nonsimple modules for centralizer algebras of the symmetric group* (poster), JMM, January 2016
  - *Equivariant Bredon cohomology of  $C_3$ -surfaces* (poster), Graduate Student Topology and Geometry Conference, April 9, 2021
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## CONFERENCES AND WORKSHOPS ATTENDED

- Joint Mathematics Meetings, Seattle, WA, January 6-9, 2016
- Graduate Student Topology and Geometry Conference, online, April 9-11, 2021

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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

- I was a Teacher's Assistant for Business Calculus I (Math 241) in Fall 2017 and Fall 2018.
  - I was a Teacher's Assistant for Intro to Probability and Statistics (Math 243) in Fall 2019
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## SERVICE AND MEMBERSHIPS

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

## EXPOSITORY TALKS IN UO STUDENT HOMOTOPY SEMINAR

- *RO(C<sub>2</sub>)-graded cohomology of equivariant Grassmannians*, 2019
  - *RO(G)-graded cohomology and C<sub>3</sub>-surfaces*, 2020
  - *Higher Steenrod powers*, 2021
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## HONORS AND AWARDS

- *Distinguished Alden Scholar*, Allegheny College, 2012 - 2016
  - *Doane Scholar*, Allegheny College, 2013 - 2016
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## PROFICIENCIES

- *Software*: Microsoft Office
- *Programming/Typesetting*: LaTeX