

# Algebraic Topology



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## Education

Ph.D. Northwestern University

M.A. University of Chicago, The Divinity School

B.A. St. Olaf College, *summa cum laude*

## Honors

Michigan Project NEXt President

National Project NEXt Fellow

Phi Beta Kappa

## Recent Presentations

WMU Algebra seminar

Michigan NEXt invited address

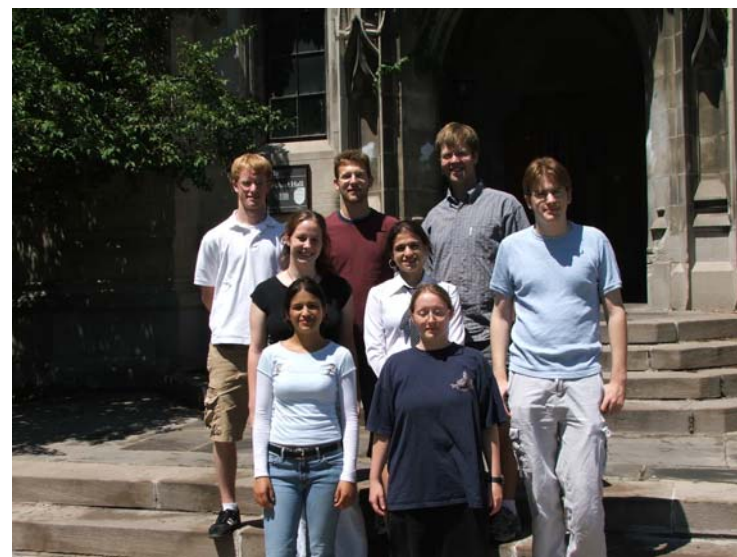
GVSU seminar

Calvin colloquium

AMS/MAA homotopy theory special session

## Acknowledgements

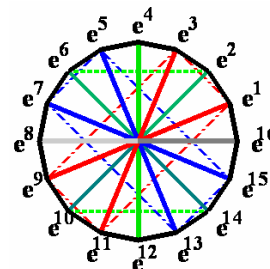
NSF REU



The 2005 Hope College Mathematics REU Students

My research focuses on the interactions between groups and spaces. Recently I developed a geometric model for wreath products of cyclic groups, and in the Hope College Mathematics REU this past summer,

my students and I extended these ideas to develop a geometric model of metacyclic groups.



The Metacyclic Group  $SD_{16}$