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## Professional Experience

Professor of Chemistry, Hope College, Holland, MI	July 2018 - Present
Schaap Research Fellow	Oct 2013 - Present
Interim Department Chair	Jan 2022 - July 2022
Member, Editorial Board, <i>Organic Reactions</i>	January 2018 - Present
Associate Professor of Chemistry, Hope College	July 2013 - June 2018
Assistant Professor of Chemistry, Hope College	July 2007 - June 2013
Towsley Research Scholar	Nov 2009 - Aug 2013
Postdoctoral Fellow	Jan 2005 - July 2007
NIH Postdoctoral Fellow (2006 - 2007)	
Colorado State University, Fort Collins, CO	
Prof. Tomislav Rovis	

*Enantioselective desymmetrization of meso carboxylic anhydrides - use in natural product synthesis*  
*Development of carbon dioxide fixation methodology*

Referee for over a dozen journals, including:

*Journal of the American Chemical Society, Chemical Society Reviews, Chemical Communications, Journal of Organometallic Chemistry, Tetrahedron Letters, Organic and Biomolecular Chemistry, Nature: Chemistry, Organometallics, Synthesis, Organic Letters, ACS Catalysis*

Reviewer for several granting agencies, including:

*National Science Foundation, American Chemical Society Petroleum Research Fund, Research Corporation, Murdoch Trust*

## Education

Ph. D. in Chemistry	Sept 2000 - Dec 2004
University of Wisconsin-Madison	
Advisor: Prof. Charles P. Casey	
Thesis Title: Analysis of a Hydroxycyclopentadienyl Ruthenium Hydride Ligand-Metal Bifunctional Catalyst: Reactivity, Mechanistic Studies and the Development of More Active and Selective Catalysts	
B.A. in ACS Chemistry ( <i>Magna cum laude</i> )	Sept 1996 - May 2000
Gustavus Adolphus College, St. Peter, MN	
Advisor: Prof. Brian A. O'Brien	

## Supervised Research Experience

Doctoral Research	
University of Wisconsin-Madison with Prof. Charles P. Casey	Sept 2000 - Dec 2004

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*Reaction mechanism elucidation of hydrogenation catalysis through kinetic and isoto*

## Research Mentor

*Students have combined to give 356 research presentations, including 88 at regional meetings and 44 at national*

Multiple External Awards









2009

2008

2008

2008

2008

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2007

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2005

## Book Chapter



