

## ANNA GABRIEL WENZEL

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### EDUCATION

Caltech, Pasadena, CA

**NIH and UNCF-Pfizer Postdoctoral Scholar, Chemistry**

**12/2003 – 6/2006**

Harvard University, Cambridge, MA

**Ph.D. in Chemistry**

**10/2003**

NSF Pre-Doctoral Graduate Fellow; Pfizer Graduate Fellow

Dissertation: "Asymmetric Mannich Reactions Catalyzed by Urea Derivatives for the Enantioselective Preparation of  $\beta$ -Aryl- $\beta$ -Amino Acid Derivatives"

Harvard University, Cambridge, MA

**M.A. in Chemistry**

**6/2000**

UC San Diego

**B.S., Summa Cum Laude, Chemistry**

**6/1998**

Area of Concentration: Writing/Literature

Honors Thesis: "Metal-Mediated Conversions of Propargyl Alcohols"

### ACADEMIC APPOINTMENTS AND POSITIONS

Chair, Chemistry Division, Keck Science Department, Claremont, CA

7/2022 – Present

Chair, Claremont McKenna Diversity Committee

8/2021 – Present

Academic Standards Committee, Claremont McKenna College, Claremont, CA

8/2021 – Present

Claremont McKenna Administration Committee

4/2021 – Present

Claremont Faculty Leadership Program

6/2020 – 5/2021

Professor of Chemistry, Keck Science Department, Claremont, CA

6/2020

Committee of Visitors (COV), National Science Foundation, Bethesda, MD

4/2020 – 6/2020

Keck Science Committee on Anti-Racism

6/2020

Keck Science Department Structure Committee, Claremont, CA

12/2019 – Present

Claremont McKenna Science Chair Search Committee, Claremont, CA

7/2019 – Present

Claremont McKenna Academic Standards Hearing Committee, Claremont, CA

8/2019

Claremont McKenna Science Visioning Committee/Administrative Committee

1/2019 – 4/2019

Academic Standards Committee, Claremont McKenna College, Claremont, CA

8/2017 – 7/2018

Keck Liaison to Keck Graduate Institute Team Master's Project

8/2016 – Present

Chair, Chemistry Division, Keck Science Department, Claremont, CA

7/2015 – 7/2018

Keck Science Department RPT Committee, Claremont, CA

7/2015 – 7/2017

Director, Science Management Major, Keck Science Department, Claremont, CA

9/2014 – Present

Visiting Faculty, Beckman Research Institute, City of Hope, Duarte, CA

2/2013 – 1/2014

Associate Professor of Chemistry, Keck Science Department, Claremont, CA

5/2012 – Present

Coordinator, Brown Bag Science Seminar Series, Keck Science Department

6/2011 – Present

Visiting Faculty, Caltech, Pasadena, CA

8/2009 – 1/2010

President, Claremont College Chapter of Sigma Xi, Claremont, CA

8/2007 – 5/2009

Chair, Curriculum Committee; Pitzer College, Claremont CA

8/2007 – 5/2008

Keck Science Department Executive Committee, Claremont, CA	8/2007 – 5/2008
Vice-President, Claremont College Chapter of Sigma Xi, Claremont, CA	11/2006 – 5/2007
Assistant Professor of Chemistry, Keck Science Department, Claremont, CA	7/2006 – 5/2012
Department Reviewer, Caltech Department of Chemistry and Chem. Eng.	4/2006
Lecturer, Organic Chemistry, Caltech, Pasadena, CA	9/2005 – 12/2005
NIH and UNCF-Pfizer Postdoctoral Fellow, Caltech, Pasadena, CA	12/2003 – 6/2006
Pfizer Predoctoral Fellow; Harvard University, Cambridge, MA	6/2001 – 6/2003
Head Teaching Fellow, Organic Chemistry, Harvard University, Cambridge, MA	9/1999 – 1/2000
Academic Officer, Pforzheimer House, Harvard University, Cambridge, MA	1/1999 – 6/2003
NSF Predoctoral Graduate Fellow, Harvard University, Cambridge, MA	9/1998 – 6/2001
Teaching Fellow, Organic Chemistry, Harvard University, Cambridge, MA	9/1998 – 6/1999
Director, Revelle College Humanities Tutorial Program, UC San Diego	9/1997 – 6/1998
Teaching Assistant, Organic Chemistry, UC San Diego, La Jolla, CA	1/1997 – 3/1997

## AWARDS

G. David Huntoon Senior Teaching Award, Claremont McKenna College	5/2022
Mary W. Johnson Faculty Achievement Award in Teaching, Scripps College	2/2017
NIH NRSA Postdoctoral Fellowship, Caltech, Pasadena, CA	1/2005 – 6/2006
UNCF-Pfizer Postdoctoral Fellowship, Caltech, Pasadena, CA	12/2003 – 1/2005
Pfizer Predoctoral Fellowship, Harvard University, Cambridge, MA	6/2001 – 6/2003
Bok Center Award for Excellence in Teaching, Harvard University	5/2000
Bok Center Award for Excellence in Teaching, Harvard University	5/1999
NSF Predoctoral Graduate Fellowship, Harvard University, Cambridge, MA	9/1998 – 6/2001
Urey Prize for Top Honors in Chemistry, UC San Diego, La Jolla, CA	6/1998
Barry Goldwater Scholarship	1997
California Alliance for Minority Participation (CAMP) Research Scholar, UCSD	1997 – 1998
UCSD-NIH Scholars Program Fellowship, UC San Diego, La Jolla, CA	1997
ACS Travel Fellowship	3/1997
Howard Hughes Undergraduate Research Fellowship	1996 – 1997
Provost's Honors List, UC San Diego, La Jolla, CA	1994 – 1998
Academic Merit Scholarship, UC San Diego, La Jolla, CA	1994 – 1995
Hewlett-Packard Merit Scholarship	1994 – 1995
Sacramento Hispanic Chamber of Commerce Scholarship	1994 – 1995
Bank of America Award for Literature	1994
California Academic Decathlon State Gold Medalist in Interview	1994
Northern California Science Bowl Champion	1994

## FUNDED GRANTS

“ACS Organic Chemistry Division Fellowship for Research at an Undergraduate Institution” <b>ACS Division of Organic Chemistry, Pfizer</b>	<b>5/2022</b>
PI; \$10,000; Keck Science Department, Claremont, CA	
“Acquisition of an Accurate-Mass LC-MS System for Undergraduate Research” <b>Keck Foundation</b>	<b>5/2020</b>
PI; \$291,400; Keck Science Department, Claremont, CA	

- “Coinage Metals for Carbon-Carbon Bond Formation”  
**Keck Foundation** 7/2019  
PI; \$15,000; Keck Science Department, Claremont, CA
- “Organic Syntheses, Inc. Grant for Summer Research at an Undergraduate Institution”  
**Organic Syntheses, Inc.** 1/2017  
PI; \$8,000; Keck Science Department, Claremont, CA
- “RUI: Catalyst Systems to Effect Asymmetric Induction in the Hydroamination of Olefins”  
**National Science Foundation** 9/2016  
PI; \$193,099; Keck Science Department, Claremont, CA
- “Acquisition of a Fluorimeter for Undergraduate Instruction and Research”  
**Ellen Browning Scripps Foundation** 8/2016  
PI; \$20,000 + \$20,000 institutional match; Keck Science Department, Claremont, CA
- “Small-Molecule Catalysis for the Preparation of Pharmaceutical Building Blocks”  
**Scripps College** 7/2016  
PI; \$2,500; Keck Science Department, Claremont, CA
- “Organic Catalysis of Allenolate Claisen Rearrangements”  
**Claremont McKenna College** 2/2016  
PI; \$2,260; Keck Science Department, Claremont, CA
- “Acquisition of a Polarimeter for Undergraduate Instruction in Asymmetric Chemistry.”  
**Ellen Browning Scripps Foundation** 4/2014  
PI; \$18,000; Keck Science Department, Claremont, CA
- “RUI: The Development and Application of Gold(I) Catalysts for Asymmetric Organic Transformations.”  
**National Science Foundation** 4/2012 – 1/2016  
PI; \$185,000; Keck Science Department, Claremont, CA
- “Thiophosphoramidate Ligands for Asymmetric Catalysis.”  
**Keck Science** 7/2011 – 1/2014  
PI; \$15,000; Keck Science Department, Claremont, CA
- “Catalytic Methodologies for the Preparation of Small Molecules.”  
**Pitzer College Faculty Research Grant** 7/2010 – 7/2011  
PI; \$2,000; Keck Science Department, Claremont, CA
- “MRI: Acquisition of a 500 MHz NMR to Support Teaching and Research with Undergraduates.”  
**National Science Foundation** 6/2009 – 6/2012  
co-PI; \$483,521; Keck Science Department, Claremont, CA
- “A Tandem Michael-Aldol Reaction for the Preparation of Dihydroquinolines.”  
**Pitzer College Faculty Research Grant** 7/2009 – 7/2010  
PI; \$2,000; Keck Science Department, Claremont, CA
- “Acquisition of a Rotary Evaporator for Advanced Laboratory Instruction.”  
**Ellen Browning Scripps Foundation** 4/2008  
PI; \$3,000; Keck Science Department, Claremont, CA

“Catalytic Asymmetric Methods for the Conversion of Petroleum Products Derived from Ethylene and Propylene into Chiral *N*-Heterocycles: the Preparation of Chiral Pyrrolidines and 1,2,3,4-Tetrahydroquinolines.”

ACS-PRF

4/2007 – 9/2010

PI; \$40,000; Keck Science Department, Claremont, CA

## PUBLICATIONS

*Underlined names indicate undergraduate collaborators from Claremont McKenna, Scripps, and Pitzer Colleges.*

## PEER-REVIEWED ARTICLES

- Berkeley, E.; Hamilton, R.; Laufer, I.; Smith, B.; Gallagher, T.; Dahi, A.; Reddy, M.; Wenzel, A. G.\* “Brønsted Acid-Catalyzed Asymmetric Allenolate Claisen Reactions.” –*Manuscript in Preparation for Submission to ACS Catalysis*
- Wenzel, A. G.\*; Berlin, J.\*; Van Haute, D.; Tiet, P.; Cullen, J.; Taylan, A. “Gold Nanoparticles for Oxaliplatin Immobilization.” –*Manuscript in Preparation for Submission to Nanomedicine*
- King, B. H.; Wang, M. L.; Jesse, K. A.; Kaur, G.; Tran, B.; Walser-Kuntz, R.; Iafe, R. G.; Wenzel, A. G.\* “Silver-Catalyzed, *N*-Formylation of Amines Using Glycol Ethers.” *J. Org. Chem.* **2020**, *85*, 13256-13263.
- Wenzel, A. G.\*; Casper, S.; Galvin, C. J.; Beck, G. E. “Science and Business of Medicinal Chemistry: a “Bench-to-Bedside” Course for Non-Majors.” *J. Chem. Ed.* **2020**, *97*, 414-420.
- Oakley, J. V.; Stanley, T. J.; Jesse, K. A.; Cain, S. E.; Wenzel, A. G.\*; Iafe, R. G.\* “Gold-Catalyzed Friedel–Crafts-like Reaction of Benzylic Alcohols to Afford 1,1-Diarylmethanes.” *Eur. J. Org. Chem.* **2019**, *42*, 7063-7066.
- Vinson, A. R. S.; Davis, V. K.; Arunasalam, A.; Jesse, K. A.; Hamilton, R. E.; Shattuck, M. A.; Hu, A. C.; Iafe, R. G.; Wenzel, A. G.\* “Gold-Catalyzed,  $S_N1$ -Type Reaction of Alcohols to Ethers and Cbz-Protected Amines.” *Synlett* **2015**, *26*, 765-770.
- Grant-Overton, S.; Buss, J. A.; Smith, E. H.; Gutierrez, E. G.; Moorhead, E. J.; Lin, V. S. Wenzel, A. G.\* “Efficient Microwave Method for the Oxidative Coupling of Phenols.” *Synth. Commun.* **2015**, *45*, 331-337.
- Lipshutz, B. H.\*; Bošković, Z.; Crowe, C. S.; Davis, V. K.; Whittemore, H. C.; Vosburg, D. A.\*; Wenzel, A. G.\* “Green “Click” and Olefin Metathesis Chemistry in Water at Room Temperature Enabled by Biodegradable Micelles.” *J. Chem. Ed.* **2013**, *90*, 1514-1517.
- Wagner, A. M.; Knezevic, C. E.; Wall, J. L.; Sun, V. L.; Buss, J. A.; Allen, L. T.; Wenzel, A. G.\* “A Copper(II)-catalyzed Sequential Michael-Aldol Reaction for the Preparation of 1,2-Dihydroquinoline Carboxylic Acid Derivatives.” *Tetrahedron Lett.* **2012**, *53*, 833-836.
- Wenzel, A. G.\*; Blake, G.; Vander Velde, D. G.; Grubbs, R. H. “Characterization and Dynamics of Substituted Ruthenacyclobutanes Relevant to the Olefin Cross-Metathesis Reaction.” *J. Am. Chem. Soc.* **2011**, *133*, 6429-6439.
- Gutierrez, E. G.; Moorhead, E. J.; Smith, E. H.; Lin, V.; Ackerman, L. K. G.; Sun, V.; Grant, S.; Wenzel, A. G.\* “Electron-Withdrawing Biphenyl-diol Compounds for Asymmetric Catalysis.” *Eur. J. Org. Chem.* **2010**, 3027-3031.
- Moorhead, E. J.; Wenzel, A. G.\* “Two Undergraduate Experiments in Organic Polymers: the Preparation of Polyacetylene and Telechelic Polyacetylene via Ring-Opening Metathesis Polymerization.” *J. Chem. Ed.* **2009**, *86*, 973-975.
- O’Connor, J. M.; Wenzel, A. G.; Hiibner, K. “Iridium(III)-Vinylidene Chemistry: Conversion of an Iridacyclopentadiene-Chlorido Complex and Terminal Alkynes to Iridacyclopentadiene-Vinyl Complexes.” *Inorganica Chimica Acta* **2008**, *361*, 3033-3041.
- Hong, S. H.; Wenzel, A. G.; Salguero, T. T.; Day, M. W.; Grubbs, R. H. “Decomposition of Ruthenium Olefin Metathesis Catalysts.” *J. Am. Chem. Soc.* **2007**, *129*, 7961-7968.
- Wenzel, A. G.; Grubbs, R. H. “Ruthenium Metallacycles Derived from 14-Electron Complexes. New Insights into Olefin Metathesis Intermediates.” *J. Am. Chem. Soc.* **2006**, *128*, 16048-16049.

- Ritter, T.; Hejl, A.; Wenzel, A. G.; Funk, T.; Grubbs, R. H. "Catalyst Comparison in Olefin Metathesis Reactions and Generalized Reaction Procedures." *Organometallics*, **2006**, *25*, 5740-5745.
- Wenzel, A.; Lalonde, M. P.; Jacobsen, E. N. "Divergent Stereinduction Mechanisms in Urea-Catalyzed Additions to Imines." *Synlett* **2003**, 1919-1922.
- Wenzel, A. G.; Jacobsen, E. N. "Asymmetric Catalytic Mannich Reactions Catalyzed by Urea Derivatives: Enantioselective Synthesis of  $\beta$ -Aryl- $\beta$ -Amino Acids." *J. Am. Chem. Soc.* **2002**, *124*, 12964-12965.
- O'Connor, J. M.; Chen, M.-C.; Fong, B. S.; Wenzel, A. G.; Gantzel, P. "Conversion of a Metallacyclobutene to Cobalt-Allene Complexes." *J. Am. Chem. Soc.* **1998**, *120*, 1100-1101.

## BOOKS

- *Handbook of Metathesis*, 2<sup>nd</sup> Ed.; Grubbs, R. H.; Wenzel, A. G., Eds.; Wiley-VCH: New York, Vol. 1, 2015.
- Wenzel, A. G.; Chatterjee, A. K.; Grubbs, R. H. "Olefin Cross-Metathesis." In *Comprehensive Organometallic Chemistry III: Review of the Literature 1993-2005*; Ojima, I.; Hiyama, T., Eds.; Elsevier Ltd: Oxford; Vol. 11, 2006.
- Wenzel, A. G.; Jacobsen, E. N. "Asymmetric Catalysis in the Enantioselective Synthesis of  $\beta$ -Amino Acids." In *Enantioselective Synthesis of  $\beta$ -Amino Acids*, 2<sup>nd</sup> Ed.; Juaristi, E.; Soloshonok, V. A., Eds.; WILEY-VCH: New York, 2005.

## ESSAYS AND EDITORIALS

- Wenzel, A. G. "The Chemical Analysis of Scripps' 2013 Olive Oil." (*Published online 7/4/2014*) <http://magazine.scrippscollege.edu/wp-content/uploads/files/2014-summer.pdf>
- Wenzel, A. G. "Olefin Metathesis and its Application." *Molecules—Advance Editorial for Special Issue* (*Published online 11/10/2010*) [http://www.mdpi.com/journal/molecules/special\\_issues/olefin\\_metathesis/](http://www.mdpi.com/journal/molecules/special_issues/olefin_metathesis/)
- Wenzel, A. G. "The Scanning of Saint Michael." (*Published online 4/26/2010*) <http://media.scrippscollege.edu/feature-stories/the-scanning-of-st-michael>

## TEACHING EXPERIENCE

Keck Science Department, Claremont McKenna, Pitzer, and Scripps Colleges, Claremont, CA

**Lecturer and Laboratory Instructor** **8/2006 – Present**

*Courses:* First- and Second-Semester Organic Chemistry Lecture and Laboratory, Advanced Analytical Laboratory, Advanced Organic Chemistry Course on Stereoelectronics, Biochemistry, Medicinal Chemistry for Non-Majors, Freshman Writing Seminar

Caltech, Pasadena, CA

**Lecturer** **9/2005 – 12/2005**

*Course:* Chemistry 41A—Organic Chemistry

Caltech, Pasadena, CA

**Substitute Lecturer** **11/2004**

*Course:* Chemistry 41A—Organic Chemistry

*Instructor:* Professor Robert H. Grubbs

Harvard University, Cambridge, MA

**Academic Advisor and Tutor, Pforzheimer House** **1999 – 2003**

Harvard University, Cambridge, MA

**Head Teaching Fellow**

9/1999 – 2/2000

*Course:* Chemistry 30—Second-Semester, Majors Organic Chemistry*Instructor:* Professor Eric N. Jacobsen

Harvard University, Cambridge, MA

**Teaching Fellow**

2/1999 – 6/1999

*Course:* Chemistry 20—First-Semester, Majors Organic Chemistry*Instructor:* Professor G. Verdine

Harvard University, Cambridge, MA

**Teaching Fellow**

9/1998 – 2/1999

*Course:* Chemistry 17—Principles of Organic Chemistry (Non-Majors)*Instructor:* Professor Claude Wintner

UC San Diego, La Jolla, CA

**Teaching Assistant**

1/1997 – 3/1997

*Course:* Chemistry 140B—Second-Quarter, Organic Chemistry*Instructor:* Professor Joseph M. O'Connor

## SYNERGISTIC ACTIVITIES

- RPT Evaluator, Trinity College (2017)
- Guest Editor for *Molecules*, a Chemical Journal
- Publication Reviewer for the Following Journals: *Journal of the American Chemical Society*, *Advanced Synthesis and Catalysis*, *Journal of Chemical Education*, *Organic Letters*, *Tetrahedron Letters*, *Journal of Sulfur Chemistry*
- Grant Reviewer/Panelist for the Following Agencies: *National Science Foundation*, *American Chemical Society Petroleum Research Fund*
- Session Chair for American Chemical Society National Meetings:
  - *Total Synthesis of Complex Molecules* (Spring 2011 Meeting, Anaheim)
  - *Metals in Organic Synthesis* (Fall 2010 Meeting, Boston)
  - *Metals in Organic Synthesis* (Fall 2010 Meeting, Boston)
  - *Metals in Organic Synthesis* (Spring 2010 Meeting, San Francisco)

## PROFESSIONAL AFFILIATIONS

- Council on Undergraduate Research
- Sigma Xi
  - Vice President of the Claremont Colleges Chapter (1/2008-5/2008)
  - President of the Claremont Colleges Chapter (6/2008-8/2010)
- American Chemical Society (ACS) Member Since 1996
  - Member of the Organic and Organometallic Subsection Divisions
  - Faculty Advisor to the Claremont Colleges Chapter of the American Chemical Society Student Affiliates (Founded 10/2010)
  - President of the U.C. San Diego Chapter of the American Chemical Society Student Affiliates (1997-1998)
  - Vice-President of the U.C. San Diego Chapter of the American Chemical Society Student Affiliates (1996-1997)

- Iota Sigma Pi, National Honors Society of Women in Chemistry
- Phi Beta Kappa (Elected 1998)
- Golden Key Honors Society (Since 1998)

## PRESENTATIONS

- Wenzel, A. G. "Asymmetric Hydroamination." *Catalysis Conference Los Angeles*, Los Angeles, CA, 2/24/20. (Invited Talk)
- Wenzel, A. G. "The Quest for Enantioselective Allenolate Claisen and Hydroamination Reactions." *Remarkable Women of Organic Chemistry Symposium*, ACS National Meeting, San Diego, CA, 8/27/19. (Invited Talk)
- Wenzel, A. G. "The Quest for Enantioselective Allenolate Claisen and Hydroamination Reactions—Silver, Gold, and Serendipity." University of Michigan, Ann Arbor, MI, 10/1/18. (Invited Talk)
- Wenzel, A. G. "The Quest for Enantioselective Allenolate Claisen and Hydroamination Reactions—Silver, Gold, and Serendipity." Amherst College, Amherst, MA, 1/13/17. (Invited Talk)
- Wenzel, A. G. "Green "Click" and Metathesis Chemistry in Water Enabled by Biodegradable, Micellar Nanoparticles." ACS National Meeting, San Diego, CA, 3/15/16. (Invited Talk)
- Wenzel, A. G. "Research Initiatives in the Quest for an Enantioselective, Allenolate Claisen Rearrangement." ACS National Meeting, San Diego, CA, 3/15/16. (Research Lecture)
- Wenzel, A. G. "Gold Catalysis for the Etherification of Alcohols." City of Hope, Beckman Institute, Duarte, CA, 6/4/13. (Invited Talk)
- Wenzel, A. G. "History of the Olefin Metathesis Reaction." ACS Regional Meeting, Pasadena, CA, 11/10/11. (Invited Talk)
- Wenzel, A. G. "NMR Investigations into the Mechanism of the Olefin Metathesis Reaction." ACS Regional Meeting, Pasadena, CA, 11/10/11. (Research Lecture, Invited Talk)
- Wenzel, A. G. "Synthetic Studies of Catalytic Systems." Keck Science Seminar Series, Keck Science Department, Claremont, CA, 9/15/2011. (Research Lecture)
- Wenzel, A. G. "Characterization and Dynamics of Substituted Ruthenacyclobutanes Relevant to the Olefin Cross-Metathesis Reaction." 5-College Chemistry Seminar Series, Joint Science Department, Claremont, CA, 3/31/2011. (Research Lecture)
- Wenzel, A. G.; Buss, J.; Grant, S. "Microwave-Promoted Oxidative Coupling of Phenols." ACS National Meeting, Anaheim, CA, 3/27/2011. (Poster Presentation; *Catalytic Methods in Organic Chemistry Division & Sci-Mix*)
- Wenzel, A. G. "Mechanistic and Methodological Studies of Catalytic Systems." University of California, Riverside, Riverside, CA, 12/3/2010. (Research Lecture)
- Wenzel, A. G. "Mechanistic and Methodological Studies of Catalytic Systems." California State University, Northridge, CA, 11/3/2010. (Research Lecture)
- Wenzel, A. G. "Mechanistic and Methodological Studies of Catalytic Systems." University of California, San Diego, La Jolla, CA, 10/25/2010. (Research Lecture)
- Wenzel, A. G. "Ruthenium Metallacycles Derived from 14- and 16-Electron Ruthenium Complexes." ACS National Meeting, Boston, MA, 8/2010. (Research Lecture; *Catalysis in Inorganic Chemistry Division*)
- Wenzel, A. G. "Organic Chemistry and Catalysis." Scripps Lunchtime Academy, Scripps College, Claremont, CA, 4/2010. (General Science Lecture)
- Wenzel, A. G. "Electron-Deficient Biphenyldiol Catalysts for Asymmetric Catalysis." ACS National Meeting, San Francisco CA, 3/2010. (Poster Presentation; *Catalytic Methods in Organic Chemistry Division*)

- Wenzel, A. G. “Tandem Michael-Aldol Reactions for the Preparation of Dihydroquinolines.” ACS National Meeting, San Francisco CA, 3/2010. (*Research Lecture; Metals in Organic Synthesis Division*)
- Wenzel, A. G. “Mechanistic Studies into Olefin Metathesis.” Joint Science Department, Claremont Colleges, Claremont, CA, 9/25/2008. (*Research Lecture*)
- Wenzel, A. G. “Catalytic Methods in Organic Chemistry.” Cal Poly, Pomona, Pomona, CA, 5/26/09. (*Research Lecture*)
- Wenzel, A. G. “Mechanistic Studies into Olefin Metathesis.” Azusa Pacific University, Azusa, CA, 4/24/2008. (*Research Lecture*)
- Wenzel, A. G. “Ruthenium(IV) Metallacycles Derived From 14- and 16-Electron Complexes—New Mechanistic Insights Into Ruthenium-Catalyzed Olefin Metathesis.” Robert Grubbs Nobel Prize Symposium, Pasadena, CA, 7/2006. (*Poster Presentation*)
- Wenzel, A. G. “Asymmetric Catalytic Mannich Reactions Catalyzed by Urea Derivatives: Enantioselective Preparation of  $\beta$ -Aryl- $\beta$ -Amino Acids.” UNCF-Pfizer Awards Presentation, Pfizer, Ann Arbor MI, 9/2003. (*Poster Presentation*)
- Wenzel, A. G. “Asymmetric Catalytic Mannich Reactions Catalyzed by Urea Derivatives: Enantioselective Synthesis of  $\beta$ -Aryl- $\beta$ -Amino Acids.” Pfizer Diversity Symposium, Pfizer, Groton CT, 9/2003. (*Research Lecture*)
- Wenzel, A. G. “Asymmetric Synthesis of  $\beta$ -Amino Acid Derivatives.” Pfizer Diversity Symposium, Pfizer, Groton CT, 9/2002. (*Poster Presentation*)
- Wenzel, A. G. “Metal-Mediated Conversions of Propargyl Alcohols.” CAMP Research Symposium, La Jolla, CA, 4/1998. (*Research Lecture*)
- Wenzel, A. G. “Metal-Mediated Conversions of Propargyl Alcohols.” ACS National Meeting, San Francisco CA, 4/1997. (*Poster Presentation*)
- Wenzel, A. G. “Metal-Mediated Conversions of Propargyl Alcohols.” Howard Hughes Undergraduate Research Conference, La Jolla CA, 8/1996. (*Research Lecture*)