

UTTAM KRISHAN TAMBAR

Associate Professor
Southwestern Medical Foundation Endowed Scholar
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PROFESSIONAL EXPERIENCE

THE UNIVERSITY OF TEXAS SOUTHWESTERN MEDICAL CENTER, Dallas, TX

Associate Professor and W. W. Caruth, Jr. Scholar in Biomedical Research (9/2014 – present)

Assistant Professor and W. W. Caruth, Jr. Scholar in Biomedical Research (9/2009 – 8/2014)

Development of new strategies and concepts in synthetic chemistry for the construction of complex biologically active natural products and the design of new chemical reactions.

EDUCATION

CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, CA

Ph.D. in Organic Chemistry, June 2006. GPA: 3.7

HARVARD UNIVERSITY, Cambridge, MA

A.B. *Magna Cum Laude* with High Honors in Chemistry & Physics, June 2000. GPA: 3.73

RESEARCH EXPERIENCE

COLUMBIA UNIVERSITY, New York, NY

NIH Ruth L. Kirschstein NRSA Postdoctoral Fellow (6/2006 – 6/2009)

Developed an enantioselective aza-Diels Alder reaction between hydrazones and acyclic dienes and an enantioselective [3+2] cycloaddition for the synthesis of novel nitrogen-containing cyclic structures. Under the direction of *James L. Leighton*, Professor of Chemistry.

CALIFORNIA INSTITUTE OF TECHNOLOGY, Pasadena, CA

National Defense Science and Engineering Graduate Fellow (9/2000 – 5/2006)

Developed tandem ring-forming methodologies for the rapid synthesis of the core of many biologically active natural products, including the hypoglycemic agent saudin and the isopavine alkaloid amurensinine. Under the direction of *Brian M. Stoltz*, Ethel Wilson Bowles and Robert Bowles Professor of Chemistry.

HARVARD UNIVERSITY, Cambridge, MA

Harvard College Research Program Fellow (6/98 – 5/00)

Applied solution phase synthesis and solid phase split-pool synthesis to build libraries of polycyclic structures for chemical genetics. Under the direction of *Stuart L. Schreiber*, Morris Loeb Professor of Chemistry & Chemical Biology.

Additional sources of support:

Institute of Chemistry and Chemical Biology Grant Recipient (6/99 – 9/99)

Howard Hughes Medical Institute Grant Recipient (6/98 – 9/98)

Undergraduate Research Assistant (1/97 – 1/98)

Studied surface chemistry of organic lubricants and adsorption of volatile compounds on metal surfaces. Conducted experiments in an ultra high vacuum chamber with x-ray photoelectron spectroscopy to detect presence of contaminants on Fe surfaces. Under the direction of *Cynthia M. Friend*, Theodore William Richards Professor of Chemistry.

HONORS AND AWARDS

Welch Foundation Norman Hackerman Award In Chemical Research (2019)

Dallas Tiki Week Home Bartender Tiki Cocktail Winner (2019)

Chair of the Chemistry and Cancer Program, Harold C. Simmons Comprehensive Cancer Center (2018-present)

Sloan Foundation Research Fellowship (2013)

NSF Faculty Early Career Development (CAREER) Award (2012)

Thieme Chemistry Journal Award (2012)

Novartis Award Lecturer at Boston University (2012)

Member of the Harold C. Simmons Comprehensive Cancer Center (2009-present)
W.W. Caruth, Jr. Endowed Scholar in Biomedical Research (2009-present)
NIH Ruth L. Kirschstein NRSA Postdoctoral Fellow (2006-2009)
2008 Stereochemistry GRC Chair's Award for Exceptional Accomplishments in Organic Chemistry
American Chemical Society Travel Grant from Division of Medicinal Chemistry (2008)
National Defense Science and Engineering Graduate Fellow (2001-2004)
John Harvard Scholar (1997, 1998, 1999)
Institute of Chemistry and Cell Biology Grant for Undergraduate Research (1999)
Howard Hughes Medical Institute Grant for Undergraduate Research (1998)
Harvard College Research Program Award (1998, 1999, 2000)

PUBLICATIONS

43. **Controllable and Sequential Allylic Alkylation of Terminal Alkenes.** Ling Qin, Mohammed Sharique, and Uttam K. Tambar. *Submitted*.
42. **Remote Allylation of Unactivated C(sp³)-H Bonds Triggered by Photogenerated Amidyl Radicals.** Bin Xu and Uttam K. Tambar. *ACS Catal.* **2019**, *9*, 4627-4631.
41. **Development of the Vinylogous Pictet-Spengler Cyclization and Total Synthesis of (±)-Lundurine A.** Aaron Nash, Xiangbing Qi, Pradip Maity, Kyle Owens, and Uttam K. Tambar. *Angew. Chem. Int. Ed.* **2018**, *57*, 6888-6891.
40. **Total synthesis of sparstalolin B via a palladium-catalyzed aldehyde α -arylation.** Dalton Kim, Aaron Nash, Jef De Brabander Jr., and Uttam K. Tambar. *Tetrahedron*, **2018**, *74*, 3787-3790.
39. **Catalytic allylic oxidation of internal alkenes to a multifunctional chiral building block.** Liela Bayeh, Phong Q. Le, and Uttam K. Tambar. *Nature*, **2017**, *546*, 196-200.
38. **Copper-Catalyzed Enantioselective, Diastereoselective, and Regioselective [2,3]-Rearrangements of Iodonium Ylides.** Bin Xu and Uttam K. Tambar. *Angew. Chem. Int. Ed.* **2017**, *56*, 9868-9871.
37. **Copper-Catalyzed Aminothiolation of 1,3-Dienes via a Dihydrothiazine Intermediate.** Christopher E. Sleet and Uttam K. Tambar. *Angew. Chem. Int. Ed.* **2017**, *56*, 5536-5540.
36. **Catalytic Asymmetric Intermolecular Allylic Functionalization of Unactivated Internal Alkenes.** Liela Bayeh and Uttam K. Tambar. *ACS Catal.* **2017**, *7*, 8533-8543 (Review).
35. **Brønsted acid catalyzed enantioselective pericyclic reactions.** Christopher E. Sleet, Uttam K. Tambar, and Pradip Maity. *Tetrahedron* **2017**, *73*, 4023-4038 (Review).
34. **Copper-catalyzed [1,2]-rearrangements of allylic iodides and aryl α -diazoacetates.** Bin Xu, Jackson A. Gartman, and Uttam K. Tambar. *Tetrahedron* **2017**, *73*, 4150-4159 (Invited Publication).
33. **A new paradigm for GERD pathogenesis. Not acid injury, but cytokine-mediated inflammation driven by HIF-2 α : a potential role for targeting HIF-2 α to prevent and treat reflux esophagitis.** Rhonda F. Souza, Liela Bayeh, Stuart J. Spechler, Uttam K. Tambar and Richard K. Bruick. *Curr. Opin. Pharmacol.* **2017**, *37*, 93-99.
32. **Hypoxia-inducible factor-2 α plays a role in mediating oesophagitis in GORD.** Xiaofang Huo, Agoston T. Agoston, Kerry B. Dunbar, Daisha J. Cipher, Xi Zhang, Chunhua Yu, Edaire Cheng, Qiuyang Zhang, Thai H. Pham, Uttam K. Tambar, Richard K. Bruick, David H. Wang, Robert D. Odze, Stuart J. Spechler, Rhonda F. Souza. *Gut* **2017**, *66*, 1542-1554.
31. **Ligand-Controlled Regiodivergence in the Copper-Catalyzed [2,3]- and [1,2]-Rearrangements of Iodonium Ylides.** Bin Xu and Uttam K. Tambar. *J. Am. Chem. Soc.* **2016**, *138*, 12073-12076.
30. **Isoform-Selective and Stereoselective Inhibition of Hypoxia Inducible Factor-2.** Thomas H. Scheuermann, Daniel Stroud, Christopher E. Sleet, Liela Bayeh, Cameron Shokri, Hanzhi Wang, Charles G. Caldwell, Jamie Longgood, John B. MacMillan, Richard K. Bruick, Kevin H. Gardner, and Uttam K. Tambar. *J. Med. Chem.* **2015**, *58*, 5930-5941.

29. **[2,3]-Rearrangements of Ammonium Zwitterions**, In *Molecular Rearrangements in Organic Synthesis*. Hongli Bao Uttam K. Tambar. Rojas, C. M., Ed.; John Wiley & Sons: New Jersey, **2016**. Chapter 15, pp 459-496.
28. **Palladium-catalyzed cross-coupling of α -bromocarbonyls and allylic alcohols for the synthesis of α -aryl dicarbonyl compounds**. Yang Yu and Uttam K. Tambar. *Chem. Sci.* **2015**, 6, 2777-2781.
27. **Bis(phenylsulfonyl)sulfur Diimide**. Liela Bayeh and Uttam K. Tambar. *e-EROS Encyclopedia of Reagents for Organic Synthesis*, **2015**, 1-3.
26. **Regioselective and Diastereoselective Aminoarylation of 1,3-Dienes**. Hongli Bao, Liela Bayeh, and Uttam K. Tambar. *Chem. Sci.* **2014**, 5, 4863-4867.
25. **Synthesis of ($\pm$)-Amathaspiramide F**. Arash Soheili, Carrie Johnson, and Uttam K. Tambar. *Strategies and Tactics in Organic Synthesis* **2014**, 10, 131-154.
24. **Benzothiophene Carboxylate Derivatives as Novel Allosteric Inhibitors of Branched-chain α -Ketoacid Dehydrogenase Kinase**. Shih-Chia Tso, Wen-Jun Gui, Cheng-Yang Wu, Jacinta L. Chuang, Xiangbing, Qi, Kristen J. Skvorak, Kenneth Dorko, Amy L. Wallace, Lorraine K. Morlock, Brendan H. Lee, Susan M. Hutson, Stephen C. Strom, Noelle S. Williams, Uttam K. Tambar, R. Max Wynn, and David T. Chuang. *J. Biol. Chem.* **2014**, 289, 20583-20593.
23. **Allylic Functionalization of Unactivated Olefins with Grignard Reagents**. Hongli Bao, Liela Bayeh, and Uttam K. Tambar. *Angew. Chem. Int. Ed.* **2014**, 53, 1664-1668.
22. **Specific inhibitors targeting the ATP-binding pocket of pyruvate dehydrogenase kinase**. Shih-Chia Tso, Xiangbing Qi, Wen-Jun Gui, Cheng-Yang Wu, Jacinta L. Chuang, Ingrid Wernstedt-Asterholm, Lorraine K. Morlock, Philipp E. Scherer, Noelle S. Williams, Uttam K. Tambar, R. Max Wynn, and David T. Chuang. *J. Biol. Chem.* **2014**, 289, 4432-4443.
21. **Brønsted Acid Catalyzed Enantioselective Indole Aza-Claisen Rearrangement Mediated by an Arene CH-O Interaction**. Pradip Maity, Ryan Pemberton, Dean J. Tantillo, and Uttam K. Tambar. *J. Am. Chem. Soc.* **2013**, 135, 16380-16383.
20. **Catalytic Enantioselective Allylic Amination of Olefins for the Synthesis of *ent*-Sitagliptin**. Hongli Bao, Liela Bayeh, and Uttam K. Tambar. *Synlett* **2013**, 24, 2459-2463 (Young Investigator Workshop Invited Publication).
19. **Synthesis of ($\pm$)-Amathaspiramide F and Discovery of an Unusual Stereocontrolling Element for the [2,3]-Stevens Rearrangement**. Arash Soheili and Uttam K. Tambar. *Org. Lett.* **2013**, 15, 5138-5141.
18. **Stereoselective Synthesis of Functionalized Cyclic Amino Acid Derivatives via a [2,3]-Stevens Rearrangement and Ring-Closing Metathesis**. Aaron Nash, Arash Soheili, and Uttam K. Tambar. *Org. Lett.* **2013**, 15, 4770-4773.
17. **Structure-based Design and Mechanisms of Allosteric Inhibitors for Mitochondrial Branched-chain α -Ketoacid Dehydrogenase Kinase**. Shih-Chia Tso, Xiangbing Qi, Wen-Jun Gui, Jacinta L. Chuang, Lorraine K. Morlock, Amy L. Wallace, Kamran Ahmed, Sunil Laxman, Philippe M. Campeau, Brendan H. Lee, Susan M. Hutson, Benjamin P. Tu, Noelle S. Williams, Uttam K. Tambar, R. Max Wynn, and David T. Chuang. *Proc. Natl. Acad. Sci. U.S.A.* **2013**, 110, 9728-9733.
16. **Development of Inhibitors of the PAS-B Domain of the HIF-2 α Transcription Factor**. Jamie L. Rogers, Liela Bayeh, Thomas H. Scheuermann, Jamie Longgood, Chuck Caldwell, Jason Key, Jacinth Naidoo, Lisa Melito, Cameron Shokri, Doug E. Frantz, Richard K. Bruick, Kevin H. Gardner, John B. MacMillan, and Uttam K. Tambar. *J. Med. Chem.* **2013**, 56, 1739-1747.
15. **Allosteric Inhibition of Hypoxia Inducible Factor 2 with Small Molecules**. Thomas H. Scheuermann, Qiming Li, He-Wen Ma, Jason Key, Lei Zhang, Rui Chen, Joseph A. Garcia, Jacinth Naidoo, Jamie Longgood, Douglas E. Frantz, Uttam K. Tambar, Kevin H. Gardner, and Richard K. Bruick. *Nat. Chem. Biol.* **2013**, 9, 271-276.
14. **Catalytic Enantioselective Allylic Amination of Unactivated Terminal Olefins via an Ene Reaction/[2,3]-Rearrangement**. Hongli Bao and Uttam K. Tambar. *J. Am. Chem. Soc.* **2012**, 134, 18495-18498.

13. **Tandem Catalytic Allylic Amination and [2,3]-Stevens Rearrangement of Tertiary Amines.** Arash Soheili and Uttam K. Tambar. *J. Am. Chem. Soc.* **2011**, *133*, 12956-12959.
12. **Stereoselective [2,3]-Rearrangements of Amine N-Oxides.** Hongli Bao, Xiangbing Qi, and Uttam K. Tambar. *Synlett* **2011**, 1789-1792 (SYNPACTS Invited Publication).
11. **Total Synthesis of (±)-Trigonoliimine C via Oxidative Rearrangement of an Unsymmetrical Bis-Tryptamine.** Xiangbing Qi, Hongli Bao, and Uttam K. Tambar. *J. Am. Chem. Soc.* **2011**, *133*, 10050-10053.
10. **Catalytic Enantioselective [2,3]-Rearrangements of Amine N-Oxides.** Hongli Bao, Xiangbing Qi, and Uttam K. Tambar. *J. Am. Chem. Soc.* **2011**, *133*, 1206-1208.
9. **Enantioselective (Formal) Aza-Diels-Alder Reactions with Non-Danishefsky-Type Dienes.** Uttam K. Tambar, Sharon K. Lee, and James L. Leighton. *J. Am. Chem. Soc.* **2010**, *132*, 10248-10250.
8. **Highly enantioselective formal aza-Diels-Alder reactions with acylhydrazones and Danishefsky's diene promoted by a silicon Lewis acid.** Sharon K. Lee, Uttam K. Tambar, Nicholas R. Perl, and James L. Leighton. *Tetrahedron* **2010**, *66*, 4769-4774.
7. **The Direct Acyl-Alkylation of Arynes. Preparation of Methyl 2-(2-Acetylphenyl)Acetate.** David C. Ebner, Uttam K. Tambar, and Brian M. Stoltz. *Org. Synth.* **2009**, *86*, 161-171.
6. **Pd-Catalyzed Enantioselective Aerobic Oxidation of Secondary Alcohols: Applications to the Total Synthesis of Alkaloids.** Shyam Krishnan, Jeffrey T. Bagdanoff, David C. Ebner, Yeeman K. Ramtohl, Uttam K. Tambar, and Brian M. Stoltz. *J. Am. Chem. Soc.* **2008**, *130*, 13745-13754.
5. **The development and scope of a versatile tandem Stille-oxa-electrocyclization reaction.** Uttam K. Tambar, Taichi Kano, John F. Zepernick and Brian M. Stoltz. *Tetrahedron Lett.* **2007**, *48*, 345-350.
4. **Convergent and Diastereoselective Synthesis of the Polycyclic Pyran Core of Saudin.** Uttam K. Tambar, Taichi Kano, John F. Zepernick, and Brian M. Stoltz. *J. Org. Chem.* **2006**, *71*, 8357-8364.
3. **A Convergent and Enantioselective Synthesis of (+)-Amurensinine via Selective C-H and C-C Bond Insertion Reactions.** Uttam K. Tambar, David C. Ebner, and Brian M. Stoltz. *J. Am. Chem. Soc.* **2006**, *128*, 11752-11753.
2. **Progress toward the Total Synthesis of Saudin: Development of a Tandem Stille-Oxa-Electrocyclization Reaction.** Uttam K. Tambar, Taichi Kano, and Brian M. Stoltz. *Org. Lett.* **2005**, *7*, 2413-2416.
1. **The Direct Acyl-Alkylation of Arynes.** Uttam K. Tambar and Brian M. Stoltz. *J. Am. Chem. Soc.* **2005**, *127*, 5340-5341.

GRANT SUPPORT

Welch Foundation - Asymmetric Carbon-Carbon Bond Formation with Low Valent Iron Catalysts (2010-2013) – Role: Principal Investigator

Cancer Prevention and Research Institute of Texas - Discovery and optimization of natural and artificial ligands regulating Hypoxia Inducible Factor (2010-2013) – Role: co-Investigator

NIH-NIGMS R01 - Stereoselective Rearrangements for the Synthesis of Bioactive Small Molecules (2012-2017) – Role: Principal Investigator

ACS Petroleum Research Fund DNI - Enantioselective Allylic Amination of Olefins (2012-2014) – Role: Principal Investigator

NSF Faculty Early Career Development (CAREER) Award - Molecular Reorganization of Simple Substrates into Complex Products (2012-2017) – Role: Principal Investigator

Welch Foundation - Stereoselective Allylic Functionalization of Olefins (2013-2016) – Role: Principal Investigator

Sloan Foundation Research Fellowship (2013-2017) – Role: Principal Investigator

Cancer Prevention and Research Institute of Texas - Discovery and optimization of natural and artificial ligands regulating Hypoxia Inducible Factor (2013- 2016) – Role: co-Investigator

UTSW Grant for High Impact/High Risk Research - Molecular Velcro: Chemical Reagents that Make Drugs “Stick” to Their Unknown Biological Targets (2015-2016) – Role: Principal Investigator

Welch Foundation - Stereoselective Transformations of Dienes (2016-2019) – Role: Principal Investigator

UTSW Cyclotron Pilot Award - Expanding the ¹⁸F-Toolkit for PET Imaging of Cancer (2016-2017) – Role: Principal Investigator

NIH-NIGMS R01 - Stereoselective Rearrangements for the Synthesis of Bioactive Small Molecules (2017-2021) – Role: Principal Investigator
ACS Petroleum Research Fund ND - New Directions in Photoredox Catalysis (2018-2020) – Role: Principal Investigator
Teva Pharmaceuticals Goshko Memorial Grant Program - Late-Stage Functionalization of Drug-Like Molecules (2018-2021) – Role: Principal Investigator
UTSW Chemistry and Cancer Grant - Improving a New Scaffold of WNK1 Inhibitors for Cancer Therapy (2018-2020) – Role: co-Principal Investigator
NIH-NIGMS R01 - Discovery of small molecule inhibitors of GalNAc-type O-linked glycosylation (2018-2023)
UTSW Chemistry and Cancer Grant - Selective Inhibitors of Sox2 for Targeting Lineage Plasticity Driven Antiandrogen Resistance (2018-2020) – Role: co-Principal Investigator
UTSW High Impact Grant Award - Beta-Lactamase Traps: Punishing Resistant Bacteria for Carrying Resistance Genes – Role: co-Principal Investigator

INVITED LECTURES

Telluride Workshop on The Future of C–H Functionalization, Telluride, CO (July 2019)
Gordon Research Conferences: Heterocyclic Compounds, Salve Regina University, RI (June 2019)
University of Rochester, Rochester, NY (March 2019)
Emory University, Atlanta, GA (February 2019)
Duke, Durham, NC (February 2019)
NC State, Raleigh, NC (February 2019)
UNC Greensboro, Greensboro, NC (January 2019)
Inter-Disciplinary Explorations in Chemistry, Bhopal, India (December 2018)
Organometallic and Catalysis Conference, Goa, India (December 2018)
UT San Antonio, San Antonio, TX (November 2018)
ArmChemFront, Yerevan, Armenia (October 2018)
Cornell University, Ithaca, NY (October 2018)
COST Action C-H Activation in Organic Synthesis, Tarragona, Spain (September 2018)
Center for Selective C–H Functionalization Virtual Symposium (March 2018)
Kyoto University, Kyoto Japan (March 2018)
Nagoya University, Nagoya, Japan (March 2018)
University of Tokyo, Tokyo, Japan (March 2018)
RIKEN, Tokyo, Japan (March 2018)
Indo-US Bilateral Workshop on Organometallic Chemistry, Lonavla, India (December 2017)
Satellite Conference on Chemical Synthesis, IIT Bombay, Mumbai, India (December 2017)
National Chemical Laboratory, Pune, India (December 2017)
Purdue University, West Lafayette, IN (November 2017)
Texas Christian University, Fort Worth, TX, (November 2017)
Texas State University, San Marcos, TX, (November 2017)
Harbaugh Lecturer at University of Michigan, Ann Arbor, MI, (October 2017)
Brigham Young University, Provo, UT (September 2017)
Keynote Speaker at 18th Tetrahedron Symposium – Asian Edition, Melbourne, Australia (July 2017)
45th National Organic Symposium, Davis, CA (June 2017)
Keynote Speaker at 18th Tetrahedron Symposium – European Edition, Budapest, Hungary (June 2017)
Medicinal Chemistry Meeting-in-Miniature, Minneapolis, MN (April 2017)
Clemson University, Clemson, SC (March 2017)
University of Chicago, Chicago, IL (February 2017)
SWRM Regional ACS Conference, Galveston, TX (November 2016)
Ohio State University, Columbus, OH (October 2016)
Baylor University, Waco, TX (September 2016)
Amgen, Thousand Oaks, CA (October 2015)
Peking University, China (September 2015)
Institute of Chemistry Chinese Academy of Sciences, China (September 2015)
Nankai University, China (September 2015)
National Institute of Biological Science, Beijing, China (September 2015)
Sichuan University, China (September 2015)
University of Science and Technology of China, China (September 2015)
Fujian Institute of Research on the Structure of Matter Chinese Academy of Sciences, China (September 2015)
Xiamen University, China (September 2015)
Shanghai Institute of Organic Chemistry Chinese Academy of Sciences, China (September 2015)
ACS National Meeting, Boston, MA (August 2015)

University of Illinois at Chicago, Chicago, IL (May 2015)
Eurasia Conference on Chemical Sciences, Bangalore, India (December 2014)
Institute for Stem Cell Biology and Regenerative Medicine, Bangalore, India (December 2014)
Indian Institute of Technology Madras, Chennai, India (December 2014)
Boston University, Boston, MA (December 2014)
College of William & Mary, Williamsburg, VA (November 2014)
University of Wisconsin, Madison, WI (October 2014)
University of North Texas, Denton, TX (October 2014)
Merck Research Laboratories, NJ (October 2014)
GlaxoSmithKline Pharmaceuticals, Philadelphia, PA (September 2014)
Boston College, Boston, MA (September 2014)
Cubist Pharmaceuticals, Inc., Lexington, MA (September 2014)
Eli Lilly and Company, Indianapolis, IN (July 2014)
Northeastern University, Boston, MA (July 2014)
Gordon Research Conferences: Organic Reactions and Processes, Bryant University, RI (July 2014)
Bristol-Myers Squibb, New Brunswick, NJ; Lawrenceville/Hopewell, NJ; Wallingford, CT (June 2014)
University of California, Santa Barbara, CA (May 2014)
University of California, Irvine, CA (April 2014)
Texas A&M, College Station, TX (April 2014)
University of Notre Dame, South Bend, IN (April 2014)
ACS National Meeting, Dallas, TX (March 2014)
University of California, Merced, CA (March 2014)
Indiana University, Bloomington, IN (February 2014)
Columbia University, New York, NY (December 2013)
SWRM Regional ACS Conference, Baylor, TX (November 2013)
AbbVie Process Chemistry, North Chicago, IL (November 2013)
Northwestern University, Evanston, IL (November 2013)
University of California, Los Angeles, CA (October 2013)
California Institute of Technology, Pasadena, CA (October 2013)
University of California, Davis, CA (October 2013)
Pennsylvania State University, University Park, PA (October 2013)
Hunter College-CUNY, New York, NY (October 2013)
Princeton University, Princeton, NJ (October 2013)
Colorado State University, Fort Collins, CO (September 2013)
University of Houston, Houston, TX (September 2013)
ACS Young Academic Investigators Symposium, Indianapolis, IN (September 2013)
North Carolina State University, Raleigh, NC (September 2013)
New York University, New York, NY (August 2013)
Telluride Workshop on Accelerating Reaction Discovery, Telluride, CO (August 2013)
European Chemical Congress Young Investigator Workshop, Marseille, France (July 2013)
Symposium for Organic Chemistry in Texas, University of Texas-Austin, TX (May 2013)
Brooklyn College-CUNY, Brooklyn, NY (May 2013)
Philadelphia Organic Chemistry Club, Philadelphia, PA (May 2013)
ACS Symposium on Enantioselective Catalysis, New Orleans, LA (April 2013)
ACS Younger Chemist Committee Symposium, New Orleans, LA (April 2013)
Boston University *Novartis Award Lecture*, Boston, MA (December 2012)
Oregon State University, Corvallis, OR (October 2012)
Abilene Christian University, Abilene, TX (September 2012)
Latest Trends in Organic Synthesis, Ontario, Canada (August 2012)
Chirality Conference, Fort Worth, TX (June 2012)
University of Texas, Arlington, TX (November 2011)
Baylor University, Waco, TX (October 2011)
New Mexico State University, Las Cruces, NM (October 2011)
ESF-COST High-Level International Conference on Natural Products, Acquafredda di Maratea, Italy (August 2011)
Gordon Research Conferences: Natural Products, Bryant University (July 2011)
Gordon Research Conferences: Heterocyclic Compounds, Salve Regina University, RI (June 2011)
Southern Methodist University, Dallas, TX (April 2011)
Oklahoma ACS Pentasectional Meeting, Bartlesville, OK (March 2011)
SWRM/SERMAC Regional ACS Conference, New Orleans, LA (December 2010)
Texas Tech University, Lubbock, TX (November 2010)