

# Merchant & Gould

An Intellectual Property Law Firm



## Andrew O. Larsen

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Andrew O. Larsen, Ph.D. is an associate in Merchant & Gould's New York Office. Andrew focuses his practice on freedom-to-operate and validity investigations, infringement analysis, due diligence, and patent procurement in the pharmaceutical, biotechnical and chemical sciences, and also provides litigation support. He has an extensive background in the areas of organic, organometallic and polymer chemistry, and has written and prosecuted patent applications in these and other areas both in the United States and abroad.

Prior to joining Merchant & Gould, Andrew was a patent agent at intellectual property law firm in New York. He was also National Institutes of Health postdoctoral fellow at Boston College where he developed new methods in catalytic and enantioselective organic synthesis, which have since been applied to the total synthesis of complex natural product targets. During his graduate work at The University of North Carolina, Andrew developed in new approaches to asymmetric synthesis using polymer supported early and late transition metal-based catalyst systems and the concept of molecular imprinting.

### Education

College of William and Mary  
*B.S., Chemistry, 1996*

University of North Carolina  
*Ph.D., Organic Chemistry, 2002*

Boston College  
NIH Postdoctoral Fellow, 2002-2004

Fordham University School of Law  
*J.D., 2010*

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# Andrew O. Larsen (Continued)

## Bar Admissions

U.S. Patent and Trademark Office  
New York

## Publications

Bidentate NHC-Based Chiral Ligands for Efficient Cu-Catalyzed Enantioselective Allylic Alkylations: Structure and Activity of an Air-Stable Chiral Cu Complex, *Journal of the American Chemical Society*, 126: 11130-11131, Andrew Larsen, Ph.D., J.E. Campbell, A.H. Hoveyda, W. Leu, C.N. Oberhuber (2004)

Ethylene-Linked Bisphenol Ligands: Efficient Synthesis, Titanium Coordination Chemistry and Lewis Acid Catalysis, *Journal of Organometallic Chemistry*, 15: 121-124, Andrew Larsen, Ph.D., J.W. Anthis, M.R. Gangé, P.S. White (2003)

Disparate Roles of Chiral Ligands and Molecularly Imprinted Cavities in Asymmetric Catalysis and Chiral Poisoning, *Organometallics*, 21: 7-9, Andrew Larsen, Ph.D., M.R. Gangé, J.H. Koh, P.S. White (2002)

Asymmetric Pt(II)-Catalyzed Ene Reactions: Counterion Dependent Additive and Diphosphine Electronic Effects, *Organic Letters*, 3: 1233-1236, Andrew Larsen, Ph.D., M.R. Gangé, J.H. Koh (2001)

Asymmetric Synthesis of Rigid C<sub>2</sub>-Symmetric Bis(ferrocenyl) Diol and Diamine Ligands, *Organometallics* 1999, 18, 5157-5162; Andrew Larsen, Ph.D., R. A. Taylor, P. S. White and M. R. Gagné

Acid-Base Adducts of Catalytically Active Titanium(IV) Lewis Acids, *Inorg. Chem.* 1999, 38, 4824-4828; Andrew Larsen, Ph.D., P. S. White and M. R. Gagné

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