

## MARK LAUTENS

Department of Chemistry  
University of Toronto  
Toronto, Ontario, Canada



**Title of Lecture:** “Flipping the Switch: Reversible Reactions in Synthesis”

**Phone:** 416-978-6083

**Email:** mark.lautens@utoronto.ca

**Education:**

1985 Ph.D., University of Wisconsin-Madison

1981 B.Sc. (Distinction), University of Guelph

**Research and Professional Experience**

2013-2023 J. Bryan Jones Distinguished Professor, University of Toronto  
2012-present University Professor, University of Toronto  
2003-2013 NSERC/Merck Frosst Industrial Research Chair  
1998-present AstraZeneca Professor of Organic Synthesis (Endowed Chair)  
1995-1998 Professor, University of Toronto  
1992-1995 Associate Professor, University of Toronto  
1987-1992 Assistant Professor, University of Toronto  
1985-1987 NSERC Postdoctoral Fellow, Harvard University

**Selected Awards and Honors**

2021 H.C. Brown Award, American Chemical Society  
2020 Alumni of Honour, University of Guelph AA  
2020 E.W.R Steacie Award, Canadian Society for Chemistry  
2017 Henry Marshall Tory Award, Royal Society of Canada  
2017 J.J. Berry Smith Doctoral Supervision Award, SGS University of Toronto  
2016 Doctor of Science, honoris causa, University of Guelph  
2016 University of Toronto Alumni Faculty Award, University of Toronto  
2014 Officer of the Order of Canada, Governor General  
2013 CIC Medal, Chemical Institute of Canada  
2011 Pedler Award, Royal Society of Chemistry  
2009-2014 Senior Scientist Award, Alexander von Humboldt Foundation (Germany)  
2006 Arthur C. Cope Scholar Award, American Chemical Society  
2006 Alfred Bader Award, Canadian Society for Chemistry  
2004 R. U. Lemieux Award, Canadian Society for Chemistry  
2001 Fellow of the Royal Society of Canada, Royal Society of Canada

**Research Interests**

Catalysis, synthetic methodology, asymmetric catalysis, multi catalytic reactions, and synthetic efficiency