

ANDRE CHARETTE

Université de Montréal, Department of Chemistry
Montréal, QC, Canada



Title of Lecture: “Synthesis of New Substituted Zinc Carbenoids and their Application in Cyclopropanation Reactions”

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Education:

1985 – 1987 Ph.D., Chemistry, University of Rochester
1983 – 1985 M.Sc., Chemistry, University of Rochester
1980 – 1983 B.Sc., Chemistry, Université de Montréal

Research and Professional Experience

1987 – 1989 NSERC Postdoctoral Fellow, Harvard University
1989 – 1992 Assistant Professor of Chemistry, Université Laval
1992 – 1994 Assistant Professor of Chemistry, Université de Montréal
1994 – 1998 Associate Professor of Chemistry, Université de Montréal
1998 – present Professor of Chemistry, Université de Montréal
2005 – present Holder, Canada Research Chair in Stereoselective Synthesis of Bioactive Molecules, Université de Montréal
2009 – present Co-Director, FRQNT Centre in Green Chemistry and Catalysis, Univ. de Montréal
2014 – present Co-Director, NSERC CREATE Training Program in Continuous Flow Science, Univ. de Montréal
2014 – present Chair of Department of Chemistry, Université de Montréal

Awards

Doctorate *Honoris Causa*, INSA-Rouen, France, 2015
Alfred Bader Award, Canadian Society for Chemistry (CSC), 2009
Fellowship for Research in Japan, Japan Society for the Promotion of Science, 2009
Marie Victorin Award, Government of Québec, 2008
Arthur C. Cope Scholar Award, American Chemical Society (ACS), 2007
Fellow of the Royal Society of Canada: The Academies of Arts, Humanities and Sciences, 2007
Urgel Archambault Award, Association francophone pour le savoir (ACFAS), 2006
R. U. Lemieux Award, CSC, 2006
Enantioselective Synthetic Chemistry Research Grants Program, CSC, 2003 – 2005
Rutherford Memorial Medal in Chemistry, Royal Society of Canada, 2002
Young Explorers Prize: Canada’s Top 20 Researchers <40, Canadian Institute for Advanced Research, 2002
E. W. R. Steacie Memorial Fellowship, NSERC, 2000 – 2002
Astra Pharma Research Fellowship Program, Astra Pharma, 1999 – 2001
Academic Development Program Award, Chemistry Council of Merck Research Laboratories, 1998
Merck Frosst Centre for Therapeutic Research Award, CSC, 1998
Alfred P. Sloan Research Fellowship, Alfred P. Sloan Foundation, 1996 – 1998
Eli Lilly Grantee Award, Eli Lilly, 1994 – 1996
Young Investigator Award for Organic Chemistry, BioMega/Boehringer Ingelheim, 1991 – 1993

Research Interests

Development of new methods for the stereoselective synthesis of organic compounds and natural products. Design of new chiral auxiliaries, reagents and catalysts for various organic reactions (heterocycle synthesis, C-H functionalization, asymmetric cyclopropanation, continuous flow synthesis).