

# CURRICULUM VITAE

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## ACADEMIC EXPERIENCE:

- 1/2009- present **E. B. EDDY PROFESSOR OF CHEMISTRY**, *Department of Chemistry, McGill University*  
7/2003- present **PROFESSOR OF CHEMISTRY**, *Department of Chemistry, McGill University*  
7/2003- present **CANADA RESEARCH CHAIR (Tier I) (in GREEN/ORGANIC CHEMISTRY)**  
5/2012-2018 **DIRECTOR, NSERC CREATE CENTER FOR GREEN CHEMISTRY TRAINING**  
5/2009-present **Co-DIRECTOR, FQRNT CENTER FOR GREEN CHEMISTRY AND CATALYSIS**  
5/2009-present **DIRECTOR, CFI INFRASTR. FOR GREEN CHEMISTRY AND GREEN CHEMICALS**  
1/2008-2016 **Co-CHAIR, CANADIAN GREEN CHEMISTRY AND ENGINEERING NETWORK**  
5/2005-1/2008 **COORDINATOR, CANADIAN GREEN CHEMISTRY NETWORK**  
7/2000-7/2003 **PROFESSOR OF CHEMISTRY**, *Department of Chemistry, Tulane University, New Orleans, USA*  
2002 (Fall) **VISITING PROFESSOR**, *Department of Chemistry, University of California, Berkeley, USA*  
7/1998-7/2000 **ASSOCIATE PROFESSOR**, *Department of Chemistry, Tulane University, New Orleans, USA*  
7/1994-7/1998 **ASSISTANT PROFESSOR**, *Department of Chemistry, Tulane University, New Orleans, USA*

## EDUCATION:

- 1992-1994 **NSERC POST-DOCTORAL FELLOW** (Organic Synthesis, *Stanford University*)  
*Advisor: Professor B. M. Trost*  
1989-1992 **Ph.D.** (Organic Chemistry, *McGill University*)  
*Advisors: Professors T. H. Chan and D. N. Harpp*  
1985-1988 **M.S.** (Organic Synthesis, *Chinese Academy of Science*)  
*Advisor: Professor T. H. Chan (McGill University)*  
1979-1983 **B.S.** (Chemistry, *Zhengzhou University, China*)

## HONORS & DISTINCTIONS:

- 2020 Fellow of the European Academy of Sciences  
2020 Fellow of the Chinese Chemical Society  
2020 and 2021 MIT Technology Review 35 under 35 (in China), Selection Committee  
2020 Catalysis Award, Chemical Institute of Canada  
2019 Distinguished Visiting Professorship, University of Strasbourg  
2019-2022 Honorary Professorship, University of Nottingham, UK  
2018 Killam Research Fellow, Canada Council of Arts  
2018 Alfred Bader Award, the Canadian Society for Chemistry  
2017 Listed as one of the World Most Highly Cited Scientist by Clarivate Analytics  
2017-2024 Canada Research Chair (Tier I) (renewal)  
2017 Honorary Professor, Zhejiang University of Technology, Hangzhou  
2017 Advisory Board Member, Universal Scientific Education and Research Network, USERN  
2017 Member of the Scientific Advisory Committee, Ministry of Education Key Laboratory of Natural Resources Chemistry, Shanghai Normal University, China  
2016 Fellow of TWAS (The World Academy of Science for developing countries)  
2016 Distinguished Lectureship, University of Hong Kong  
2016 Dayu Zhang Lectureship, Dalian Institute of Chemistry and Physics, CAS  
2016 Honorary Professorship, Dalian Institute of Chemistry and Physics, CAS  
2015-2018 Honorary Professorship, University of Nottingham, UK  
2015 Fellow of the American Chemical Society (ACS)  
2015 2015 Fessenden Professorship, Faculty of Sciences, McGill University  
2015 R. U. Lemieux Award, Canadian Chemical Society  
2015 Listed as among the World's Most Influential Scientific Minds by Thomson Reuters (2015)  
2015 Visiting Lectureship of the Chemistry Promotion Center, Academia Sinica, Taiwan  
2014 Listed as among the World's Most Influential Scientific Minds by Thomson Reuters (2014)  
2014 Distinguished Visiting Professor, National University of Singapore  
2014 Distinguished Lectureship, City University of Hong Kong  
2014 Distinguished Visiting Fellow, Ben-Gurion University (Faculty of Natural Sciences), Israel  
20013-2015 Chair of Physical Sciences Panel, University Grant Council, Hong Kong

2013 Fellow of Chemical Institute of Canada (CIC)  
 2012 Fellow of AAAS (the American Association for the Advancement of Science)  
 2012 Fellow of the Royal Society of Canada (Academy of Science)  
 2012 ACS-GCI Pharmaceutical Roundtable Lectureship Award  
 2012 Distinguished Lectureship, Hong Kong Baptist University  
 2012 Featured Profile by *Angew. Chem. Int. Ed.*  
 2011- Member of the Advisory Committee for the State Key Laboratory of Chirosciences, Hong Kong  
 2011 AstraZeneca Excellence in Chemistry Award Senior Advisor  
 2011 Award of Merit, the Federation of Chinese Canadian Professionals (Ontario)  
 2011 Featured in *Milestones in Canadian Chemistry*  
 2010- Advisory Member, GSK-Singapore Green Chemistry Research Program  
 2010 Chosen as "Quebec's Top 10 Scientific Discoveries of the Year", Quebec Science Magazine  
 2010 Canadian Green Chemistry and Engineering Network Award (Individual)  
 2010 DAAD Invited Green Chemistry Academic Exchange Tour (DAAD, Germany)  
 2009- E. B. Eddy Chair Professorship, McGill University  
 2009 Tetrahedron Letters Most Cited Paper Award 2006-2009, Elsevier  
 2009 Tetrahedron Most Cited Paper Award 2006-2009, Elsevier  
 2009-2013 University Research Grant Selection Committee, Hong Kong Research Council.  
 2008 2008 Xerox Distinguished Lecture  
 2008 Featured as the top 20 most important discoveries in the past century of Canadian Chemistry by the Canadian Chemical Society  
 2008- Director (Honorary), Center for Green Chemistry and Clean Energy (Chemistry Institute, CAS).  
 2007 Fellow of the Royal Society of Chemistry (UK)  
 2007 RCMS Visiting Professor, Nagoya University, Japan (Noyori Laboratory, Nobel Laureate)  
 2007 Leaders Opportunity Fund, Canada Foundation for Innovation (CFI)  
 2007 GCI Pharmaceutical Roundtable Grant Award  
 2006 French-Quebec Lectureship (Comité d'Orientation Scientifique of France)  
 2006 65<sup>th</sup> Frontiers in Chemistry Distinguished Lectureship, CASE  
 2005-2006 Foreign Expert (Panel Committee), National Science Foundation of China  
 2004 Member of Selection Committee for NSERC Herzberg Gold Medal  
 2004 Enantioselective Research Grantee Award (Chemical Institute of Canada)  
 2003-present Canada Research Chair (Tier I) in Green/Organic Chemistry  
 2002 Innovator of the Year Award (City Business Association of New Orleans)  
 2002 Annual Faculty Research Award (Faculty of Arts and Sciences, Tulane University)  
 2002 Japan Society for Promotion of Science Senior Fellow (NSF-JSPS).  
 2002 Alchemist featured people (Chemweb, May 2002)  
 2001 (United States) Presidential Green Chemistry Challenge Award (Academic)  
 2001 Sigma Xi Lectureship (Sigma Xi Chapter of New Orleans and ACS Louisiana Section)  
 2001 Gambit 40 under 40 honor (Gambit Weekly, New Orleans)  
 2000-2003 Outstanding Young Scientist Award (Oversea) (NSF of China)  
 1998-2002 NSF Early CAREER Award (US National Science Foundation)  
 1996- Honorary Research Professor (Chemistry Institute, Chinese Academy of Sciences)  
 1995 Eli Lilly Teaching Fellow (Tulane University)  
 1992-1994 NSERC Postdoctoral Fellowship (Natural Sci. and Eng. Research Council of Canada)  
 1992 Ph.D. Diploma on Dean's Honor List (McGill University)  
 1991-1993 Clifford H. Wong Postgraduate Fellowship (McGill University)  
 1990-1991 Max Bell Postgraduate Open Fellowship (McGill University)

#### **EDITORIAL & EDITORIAL BOARD:**

2021- Editorial Board Member, *Fundamental Research*  
 2020- Editorial Advisory Board, *Green Chemistry* (RSC)  
 2020- Editorial Board Member, *The Innovation* (Cell Press)  
 2020- Editorial Advisory Board member, *Green Chemical Engineering* (KEAI Publishing)  
 2020 Guest Editor, *ChemCatChem, Special Issue on Silver Catalysis*  
 2020-2022 Associate Editor, *Chemical Communication*, (Royal Society of Chemistry, UK)  
 2018 Volume Editor, *Science of Synthesis* (Volume 43), "Polyynes, Arynes, Enynes and Alkynes"  
 2018 Guest Editor, *J. Org. Chem.* (special Issue on Organic Reactions in water)  
 2018 Guest Editor, *Acta Phys. Chim. Chin, Special Issue on C-H activation*  
 2016- Editorial Board, *Science Matters*  
 2016- Editorial Advisory Board, *Advanced Sustainable Systems* (Wiley)

2016- Editorial Advisory Board, *Chemical Society Review* (Royal Society of Chemistry, UK)  
2015- Editorial Board, *Acta Phys. Chim. Chin*  
2012 Guest Editor, *Chemical Society Review* (Special Issue on Green Chemistry) (RSC, UK)  
2012 Guest Editor, *Canadian Journal of Chemistry* (Special Issue Dedicated to Prof. T. H. Chan)  
2011- Editorial Board, *Chemical Research in Chinese Universities*  
2010- Editorial Advisory Board, *Chemical Sciences* (Royal Society of Chemistry, UK)  
2011- International Advisory Board, *Organic Chemistry International*, Hidawi Publ.  
2010- International Advisory Board, *The Open Conference Proceedings Journal*, Bentham Publ.  
2010- International Advisory Board, *The Open Process Chemistry Journal*, Bentham Publ.  
2010- International Advisory Board, *Recent Patents on Catalysis*, Bentham Publ.  
2010- Editorial Advisory Board, *Current Organic Synthesis*, Bentham Publ.  
2007- Editorial Advisory Board, *Open Access Journal of Organic Chemistry*, Bentham Publ.  
2009 Volume Editor, *Green Solvents: Organic Synthesis in Water*, Handbook of Green Chemistry, Wiley  
2010 Volume Editor, *Green Syntheses*, Handbook of Green Chemistry Series, Wiley  
2005-2008 International Advisory Board, *Chemistry World* (Royal Society of Chemistry, UK)  
2005-2020 Associate Editor for Americas, *Green Chemistry* (Royal Society of Chemistry, UK)  
2003-2009 Editorial Advisory Board, *Mini Reviews in Organic Chemistry*, Bentham Publ.  
2003-2009 Editorial Advisory Board, *Letters in Organic Chemistry*, Bentham Publ.  
2002- Board of Consulting Editors, *McGraw-Hill's Encyclopedia of Science and Technology*  
2002- Board of Consulting Editors *McGraw-Hill's Yearbook of Science and Technology*

Research Publications (500). Books (8): Patents (12). Plenary/Keynote/Invited Talks: 475.

(Total citations: 46,400)(H-index=104, January, 2021)