



Canadian Society for Chemistry | **For Our Future**
Société canadienne de chimie | **Pour notre avenir**

R. U. Lemieux Award

List of Recipients

*Contact awards@cheminst.ca to request the award lecture name.

Date	Award Winner	Lecture*
2026	Rik Tykwinski	
2025	Jason Hein	
2024	Shawn Collins	
2023	P. Andrew Evans	
2022	Andrew J. Bennet	
2021	Dennis G. Hall	Enantioselective Desymmetrization of 2-Aryl-1,3-Propanediols by Direct O-Alkylation using a Rationally Designed Chiral Hemiboronic Acid Catalyst
2020	Masad J. Damha	Applying the chemist's toolbox to gene silencing and gene editing technologies
2019	Andrei K. Yudin	Amide Translocation in Macrocycles
2018	Hanadi Sleiman	DNA Nanostructures for Biological and Materials Applications
2017	Cathleen Crudden	N-heterocyclic Carbenes as Supporting Ligands for Borenum-based Catalysts and on Metal Surfaces
2016	Michael Organ	The Negishi Reaction: Reveal Your Secrets
2015	Chao-Jun Li	Exploration of New Reactivities for Synthetic Efficiency
2014	Tomas Hudlicky	Recent Advances in Process Development for Oplate-derived Pharmaceutical Agents and Progress in Total Synthesis of Morphine
2013	Marco Ciufolini	Synthetic Studies on Heterocyclic Natural Products
2012	B. Mario Pinto	Look What You Started, Ray! NRM Methods for Probing Protein-Ligand Interactions
2011	Stephen Withers	Towards Efficient Synthesis of Glycoconjugates through Engineering and Evaluation of Glycosyl Transferases and Glycosynthases

Sponsored by the Organic Chemistry Division

2010	Derrick L. J. Clive	Some Adventures in Methodology and Total Synthesis
2009	Raymond J. Andersen	Bioactive Marine Natural Products: Drug Leads and Cell Biology Tools

2008	J. Peter Guthrie	No Barrier Theory as an Approach to Calculating Rate Constants for Chemical Reactions, Illustrated by a Survey of Decarboxylation
2007	R. Stanley Brown	Dinuclear Zn ²⁺ Catalysts as Biomimics of Biological RNA and DNA Phosphoryl Transfer Enzymes: A Reduced Polarity Medium Provides Spectacular Rate Enhancements
2006	André Charette	New Methods for the Stereoselective Synthesis of Organic Compounds
2005	Ian Spenser	Biosynthesis of Vitamins B6 and B1: Diversity and Convergence
2004	Mark Lautens	
2003	Robert A. McLelland	
2002	John Vederas	
2001	Ronald Kluger	
2000	David Bundle	
1999	Erwin Buncel	
1998	J. B. Jones	Enzymes in Organic Synthesis. Wither Next?
1997	Victor Snieckus	Synthetic Observations from the Flatland, Contributions Towards Chemical Synthesis of Aromatics
1996	Edward Piers	Reagents and Methods for Organic Synthesis: New Protocols for the Construction of Carbon-Carbon Bonds
1995	Thomas T. Tidwell	Ketenes and Bisketenes: Organic Chemistry in Microcosm
1994	Pierre Deslongchamps	Oxidation and Hydrolysis of Acetals: Geometry of Transition States and SYN and ANTIO Stereoelectronic Effects
1993	T.-H. Chan	Organometallic-type Reactions in Aqueous Media – A New Challenge in Organic Synthesis
1992	Saul Wolfe	Studies Related to the Penicillin Receptor