



Chemical Institute of Canada | **For Our Future**  
Institut de chimie du Canada | **Pour notre avenir**

# CIC Medal

## List of Recipients

Date	Award Winner	Lecture
2023	Janusz Pawliszyn	
2022	Chao-Jun Li	
2021	Molly Shoichet	
2020	Jonathan Abbatt	
2019	Linda Nazar	
2018	André Charette	A Journey into Organic Synthesis: Evolution of Methods and Techniques to Tackle 21 <sup>st</sup> Century Problems
2017	Eugenia Kuimacheva	Nanoparticle Self-assembly Bridging the Gap between Molecules and Nanoparticles
2016	Stephen G. Withers	Design and Discovery of Enzyme Inhibitors Towards Therapies for Diabetes and Influenza
2015	Axel Becke	Full Circle A Career in Density-Functional Theory
2014	Douglas W. Stephan	From Frustrated Lewis Pairs to Electrophilic Phosphonium Cations: Metal-free Approaches to Hydrogenation Catalysis
2013	Mark Lautens	Multicomponent-Multicatalytic Reactions (MC) <sup>2</sup> R
2012	Raymond Andersen	Sponging Off Nature for New Drug Leads
2011	Adi Eisenberg	Block Copolymer Vesicles Following Nature's Trail with Bigger Molecules
2010	Tom Ziegler	Approaching Chemistry from First Principle with Density Functional Theory
2009	R. J. D. Miller	Making the Molecular Movie: Quest for the Structure-Function Correlation of Biology
2008	John Vederas	The Chemistry and Biology of Getting Drugs from Bugs
2007	Diethard K. Bohme	Gas-Phase Ions and Chemical Mass Spectrometry
2006	Ronald Kluger	Molecular keystones: Lessons from Bioorganic Reaction Mechanisms
2005	Peter Guthrie	Computational Chemistry as a Tool for Mechanistic Investigations: Predicting Rate and Equilibrium Constants
2004	Mitchell A. Winnik	Nanowires and Nanotubes through Block-Copolymer Self-Assembly

2003	Raymond E. Kapral	
2002	Chris E. Brion	Experimental Observation of Orbital-Like Behaviour of Valence Electrons: Which Orbital Models are Appropriate For Describing Electron Transfer?
2001	Geoffrey A. Ozin	Race for the Photonic Chip
2000	Brian R. James	
1999	J. C. Scaiano	Laser Applications in the Study of Organic Reaction Mechanisms
1998	R. J. Puddephatt	Bond Activation by Organoplatinum Compounds
1997	Howard Alper	Catalysis Today: New Opportunities for Tomorrow
1996	G. M. Bancroft	Synchrotron Radiation: the Light Source of the Future
1995	J. B. Jones	Studies on Enzymes. A Personal Perspective
1994	W. A. G. Graham	The Rich Potential of Trispyraxylylborate Ligands
1993	Paul Brumer	Control of Chemical Reactions Using Lasers
1992	D. A. Ramsay	The Spectra of Free Radicals
1991	K. Yates	The Nature of Photohydration Reactivity
1990	Ashok Vijh	Excursions in Electrochemical Physics
1989	J. L. Holmes	Novel Ions Molecules and Radicals; Mass Spectrometry's Gifts to Chemistry
1988	Stephen Hanessian	Man Machine and Heuristics in Synthesis Planning
1987	J. C. D. Brand	Multiphoton Spectroscopy
1986	Paul Kebarle	Energy Changes of Ionic Reactions in the Gas Phase and Solution - Bridging of the Two Fields
1985	A. G. Brook	One Thing Leads to Another - From Silylcarbinols to Silaethylenes
1984	P. Yates	Aspects of the Photochemistry of Cyclic Ketones
1983	C. Sandorfy	Chemical Spectroscopy in the Far Ultraviolet
1982	P. de Mayo	Superficial Photochemistry
1981	Keith U. Ingold	Oxidation and its Prevention in Petrochemicals Food and Living Systems
1980	W. H. Rapson	Chemistry and Human Welfare
1979	Bernard Belleau	The Curse of Opium: Requital through Medicinal Organic Chemistry
1978	R. J. Cvetanovic	Some Current Trends in Chemical Kinetics
1977	Ronald J. Gillespie	Structural Chemistry of the Main Group Elements
1976	John. C. Polanyi	Molecular Motions in Chemical Reactions
1975	B. E. Conway	Electrochemical Studies in Surface Science
1974	H. J. Bernstein	Resonance Raman Spectroscopy

1973	S. G. Mason	The Micro-Rheology of Disperse Systems
1972	Gerhard Herzberg	Spectra of Simple Free Radicals
1971	Keith J. Laidler	Adventures in Chemical Kinetics
1970	D. J. LeRoy	The Kinetics of the Simplest Chemical Reactions
1969	C. A. McDowell	Photoelectron Spectroscopy
1968	J. A. Morrison	The Unexpected Behavior of Solid Methane at Very Low Temperatures
1967	Harold E. Gunning	Sulphur Atom Chemistry
1966	W. H. Gauvin	High Temperature Research
1965	P. A. Giguère	Thirty Years of Peroxide Chemistry
1964	Raymond U. Lemieux	The Chemical Synthesis of Glycosides
1963	K. Wiesner	Ten Years of Studies on Basic Terpenes at the University of New Brunswick
1962	E. Baer	Natural Phospholipids - Synthesis and Structure
1961	W. G. Schneider	Problem Electrons
1960	C. B. Purves	Locating Substituents in Cellulose - A Review
1959	R. H. Manske	Fifty Years with Alkaloids
1958	C. A. Winkler	Active Nitrogen
1957	H. G. Thode	The Geochemistry of the Sulphur Isotopes
1956	L. Marion	The Biogenesis of Alkaloids
1955	A. R. Gordon	Current Problems in the Field of the Electrolytes
1954	R. K. Stratford	Thirty Years in Petroleum Research
1953	E. W. R. Steacie	Present Status of Radical Mechanisms for Organic Decompositions
1952	O. Maass	Some Underlying Factors Involving the Process of Wood Pulp Production
1951	T. Thorvaldson	The Training of Chemists for Industry