Chemical Institute of Canada

Chemical Institute of Canada Medal
Award Recipients

2012	Raymond Andersen	
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 Trispyraxolylborate 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	P. Kerbarle	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. Giguére	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.