



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

CIC Medal

This award is presented as a mark of distinction and recognition to a person who has made an outstanding contribution to the science of chemistry or chemical engineering in Canada.

Terms of Reference

Deadline: July 2 of every year

Sponsor: Chemical Institute of Canada

Award: A medal and travel expenses to the CSC or CSChE conference to present the plenary lecture.

The award shall be presented at the annual Canadian Chemistry Conference and Exhibition or Canadian Chemical Engineering Conference. The recipient will be required to present a plenary lecture.

Nominations must include:

- Citation (**250 word maximum**) statement of why the candidate should receive the award. **This is the key document in the nomination and this information should be relevant to the achievements for which the award is being offered.**
- Biographical Sketch (**250 word maximum**) This provides background information on the nominee and summarizes past accomplishments. **This is a summary of information obtained from a C.V.**
- Curriculum Vitae (**maximum 9 pages**).
- Supporting Letters (**3 to 5**) **At least two letters must be from outside the nominee's organization.**

Membership in the Institute is not a prerequisite for receiving this award.

All nominations will remain in force for three years. Nominators are responsible for keeping the record of the nominee up to date and complete.

Selection Committee:

- **CIC Chair or Past Chair, on rotating basis as non-voting chair**
- **2 Appointees of the CIC, other than the CIC Chair or Past Chair (may be Society Presidents)**
- **Two past CIC medalists**
- **In the event of a conflict of interest, substitutions may be required.**

The award shall be presented annually unless the Committee considers that no suitable candidate has been nominated.

List of Recipients

Date	Award Winner	Award Lecture
2018	André Charette	A Journey Into Organic Synthesis: Evolution of Methods and Techniques to Tackle 21 st 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) ^{2R}
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 Trispyraxylyborate 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.