CIC Medal

Terms of Reference

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.

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.

If the nominee has previously received awards by the CIC and/or Societies, the nominator has to differentiate the current achievement from those that have been previously recognized.

The nomination shall remain in force for three consecutive odd years. Nominators are responsible for keeping the record of the nominee up to date and complete.

No award will be given out, if less than 3 nominations for the award are received or if the Committee considers that no suitable candidate has been nominated.

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.

Complete list of recipients


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”


2014  Douglas W. Stephan, “From Frustrated Lewis Pairs to Electrophilic Phosphorium Cations: Metal-free Approaches to Hydrogenation Catalysis”

2013  Mark Lautens, “Multicomponent-Multicatalytic Reactions (MC)28”


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?”


2000  Brian R. James


1998  R. J. Puddephatt, “Bond Activation by Organoplatinum Compounds”


1993  Paul Brumer, ”Control of Chemical Reactions Using Lasers.”
1990  Ashok Vijh, “Excursions in Electrochemical Physics.”
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.”
1983  C. Sandorfy, “Chemical Spectroscopy in the Far Ultraviolet.”
1977  Ronald J. Gillespie, ”Structural Chemistry of the Main Group Elements.”
1972  Gerhard Herzberg, ”Spectra of Simple Free Radicals.”
1971  Keith J. Laidler, ”Adventures in Chemical Kinetics.”
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.”
1959  R. H. Manske, “Fifty Years with Alkaloids.”
1957  H. G. Thode, “The Geochemistry of the Sulphur Isotopes.”
1956  L. Marion, “The Biogenesis of Alkaloids.”