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

John C. Polanyi Award

This award is presented for excellence by a scientist carrying out research in Canada in physical, theoretical or computational chemistry or chemical physics.

Terms of Reference

Deadline: July 2 of every year

Sponsor: CSC Physical, Theoretical and Computation Chemistry Division and the University of Toronto, Department of Chemistry

Award: A framed scroll

The recipient will be required to present an award lecture at the Canadian Chemistry Conference and Exhibition.

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** (maximum one page) 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 nine pages).
- **Supporting Letters** (3 to 5) At least two letters must be from outside the nominee's organization.

Membership in the CIC is not a prerequisite for this award.

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

All nominations will remain in force for three 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 nominatedup to date and complete.

Selection Committee:

- CSC Director of Awards as non-voting Chair
- Vice Chair of the Physical, Theoretical and Computational Chemistry Division
- Past two winners of the John C. Polanyi Award

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List of Recipients

Date	Award Winner	Award Lecture
2018	Albert Stolow	Dynamics at Conical Intersections: Towards Polanyi Rules for Polyatomcis
2017	Josef W. Zwanziger	The Relationship of Glass Structure to its Optical Performance
2016	Federico Rosei	Multifunctional Materials for Electronics and Photonics
2015	Terrance McMahon	Energetics, Structure and Vibrational Spectra of Gaseous Cluster Ions
2014	Tucker Carrington, Jr.	Using Efficient Calculations of High-lying Levels of Methane to Refine a Potential Energy Surface

2013	Ronald P. Steer	Kasha's Rule Isn't: Adventures in the Land of Molecular Electronic Excited States
2012	Dennis Salahub	Towards the Multiscale Modelling of Chemical Reactions in Complex Environments from the Hohenberg-Kohn Theorums to Health, Wealth and Happiness
2011	Moshe Shapiro	Coherent Control and Chiral Separation and the Imaging of Molecular Potentials
2010	Tsun-Kong Sham	Probing Materials Properties in the Energy and Timing Domain with Light-Synchrotron Light
2009	Axel Becke	Static Correlation in Density Functional Theory: The Good and the Bad
2008	Jacek Lipkoswski	Building a Biomimetic Membrane at an Electrode Surface
2007	No award	
2006	No award	
2005	No award	
2004	Roderick E. Wasylishen	Characterization of NMR Parameters via Experiment and Theory
2003	David Bishop	
2002	Donald G. Fleming	
2001	André D. Bandrauk	
2000	R.J. Dwayne Miller	
1999	A. Merer	
1998	Diethard K. Bohme	Fullerene Ions in the Gas Phase: Chemistry as a Function of Charge State.
1997	R. F. W. Bader	Why are There Atoms in Chemistry?
1996	R. E. Kapral	Reactions in Clusters.
1995	Peter R. Norton	Surface Science: Past, Present and Future; A Personal Perspective.
1994	S. Huzinaga	Concept of Active Electrons in Chemistry.
1993	C. E. Brion	Electron, Molecules and Chemistry.
1992	John C. Polanyi	The Dynamics of Photodissociation and Photoreaction in the Adsorbed State.