Canadian Society for Chemistry/Société canadienne de chimie

Keith Laidler Award Recipients

Sponsored by the Physical, Theoretical and Computational Division

2012	Aicheng Chen	
2011	Paul Ayers	Breaking the Curse of Dimension for the Electronic Schrôdinger Equation with Functional Analysis
2010	Ruth Signorell	Understanding Aerosols on a Molecular Level
2009	Paul Wiseman	Cellular Cartography: Mapping Protein Transport and Interactions in Living Cells with Image Correlation Spectroscopy
2008	Albert Stolow	Non-Adiabatic Molecular Dynamics and its Quantum Control
2007	Pierre-Nicholas Roy	Rotational Dynamics of Doped Superfluid Clusters
2006	Gregory D. Scholes	Photophysics of Nanoscale Materials: The Question of Shape
2005	No award	

Noranda Award
Sponsored by Noranda Incorporated

2004	Peter G. Kusalik	Understanding the Behaviour of Liquid Water: The Importance of Quantum Effects
2003	Wolfgang Jäger	
2002	Gustavo A. Arteca	
2001	Donald Douglas	
2000	R.A. Wolkow	
1999	Tucker Carrington Jr.	
1998	B. Roux	Understanding Biomolecules with the Help of Computer Simulations**.**
1997	K. T. Leung	Chemical Applications of Electron-Matter Interactions: From Probing Low-Temperature Industrial Plasmas and Atmospheric Chemistry of “Environment-Safe” Freon-Substitutes to Enhancing Novel Surface Reactions on Metals and

		Semiconductors.
1996	Mary Anne White	Thermal Properties of Solids: Etude in Three-Part Anharmony.
1995	J. S. Tse	Order Out of Disorder.
1994	Axel D. Becke	Kohn-Sham Density-Functional Theory: The “Perfect” Molecular Orbital Formalism.
1993	John W. Hepburn	Under the Rainbow: Photochemistry and Photoelection Spectroscopy Using Coherent Vacuum Radiation.
1992	Norman Dovichi	Thermo-Optical and Laser-Induced Fluorescence for High Sensitivity Measurements of Condensed Phase Systems.
1991	A. Thakkar	Choices in Theoretical Chemistry: A Retrospective.
1990	No Award	
1989	Adam P. Hitchock	Inner-Shell Excitation: An Element Specific Probe of Geometric and Electronic Structure.
1988	P. A. Hackett	Laser Studies of Reactive Intermediates Containing Single Metal Atoms.
1987	Dennis R. Salahub	Towards the Quantum Chemistry of Transition Metal Clusters.
1986	G. N. Patey	The Theory of Liquids and Solutions.
1985	Paul W. Brumer	A Unified View of Classical and Quantum Intramolecular Dynamics.
1984	G. A. Kenney-Wallace	Laser Probing of Molecular Dynamics in the Picosecond Domain.
1983	Diethard K. Bohme	Ion Chemistry in the Gas Phase: Solving Chemistry Without Solutions.
1982	R. M. Leblanc	Optical and Surface Studies of Biological Interfaces.
1981	Raymond Kapral	A Microscopic View of Condensed Phase Reactions: Rings and More Rings.
1980	G. P. Johari	The Electromagnetic Spectrum of Ice.

1979	Ashok Vijh	Electrochemistry and Energy Science.
1978	B. Bosnich	Asymmetric Synthesis. The Ultimate Synthetic Method.
1977	Christopher E. Brion	Spectroscopy in the Dark.
1976	James R. Bolton	Photochemical Storage of Solar Energy.
1975	Brian R. James	Rhodium - Expensive, but Rich in Chemistry.
1974	W. R. Cullen	Unnatural Products.
1973	T. P. Schaeffer	Reminiscences of an Old-fashioned NMR Spectroscopist.
1972	J. Trotter	X-Ray Diffraction Studies in Inorganic Structural Chemistry.
1971	A. G. Harrison	Bimolecular Reactions of Gaseous Ions.
1970	W.A.G. Graham	Metal Carbonyl Derivatives, Including Silicon, Germanium and Tin.
1969	L. W. Reeves	The Future of Nuclear Magnetic Resonance as a Tool in Chemistry.
1968	H. C. Clark	Synthetic Studies in Organometallic Chemistry.
1967	John C. Polanyi	Energy Distribution Among Reaction Products.
1966	R. J. Gillespie	Acids - Old and New.
1965	J. A. Davis	Electrochemistry as a Tool of Nuclear Science and Vice Versa.
1964	B. E. Conway	Electrochemical Catalysis.
1963	Neil C. Bartlett	Some Unusual Oxidation States of the Noble Elements.