



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

Rio Tinto Award

List of Recipients

Date	Award Winner	Award Lecture
2023	Kim M. Baines	
2022	Gregory Jerkiewicz	
2021	Mark Stradiotto	
2020	Deryn Fogg	
2019	George Shimizu	Bridging the Fundamental to Applied to Commercial Metal-Organic Framework Research

Rio Tinto Alcan Award

2018	Jillian Buriak	Totally Radical Chemistry of Chalcogenides on Silicon Surfaces
2017	Heinz-Bernhard Kraatz	Ferrocene Peptides, Self-assembly, and Materials
2016	Michael Wolf	Making Conjugated Materials Shine
2015	Steven Holdcroft	ORR Electrochemistry at the Pt/Ionomer Interface
2014	Martin Stillman	Nature's Shrink-wrapped Metal Thiolate Clusters: Mechanistic Complexity Vies with Structural Simplicity in the Metallothioneins
2013	Pierre Harvey	What can you Learn from Artificial Special Pairs?
2012	Stephen Loeb	Metal-Organic Framework (MOF) Materials with Dynamic Interlocked Components
2011	Linda Nazar	Inorganic Nanostructured Materials for Large Scale Energy Storage
2010	Jeff Dahn	How Can One Tell if a Rechargeable Battery Will Last 10 Years—In a Few Weeks?
2009	Chris Orvig	Medicinal Inorganic Chemistry

Alcan Award

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2008	Jack Passmore	Homopolyatomic Cations of Groups 16 and 17: Structure, Energetics and Chemistry: New Classes of Compounds, Unexpected Structures, Novel Bonding and Physical Properties
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2007	Suning Wang	Three-Coordinate Organoboron: Impact of Molecular Geometry on Donor-Acceptor Charge Transfer Emission and Applications
2006	Neil Burford	Homoatomic P-P Coordination Complexes: A New Direction in the Chemistry of Phosphorus
2005	Warren Piers	Bifunctional Boranes: Two Borons Are Better Than One
2004	Laurie K. Thompson	
2003	Martin Cowie	
2002	Gary J. Schrobilgen	
2001	Douglas W. Stephan	
2000	Michael McGlinchey	
1999	Ian Manners	
1998	Jacek Lipkowski	Surface Electrochemistry – Surface Science with a Joystick
1997	John Harrod	Going for the Goal: Some Successes and Failures in the Field of Hydrosilane Chemistry
1996	Sandro Gambarotta	Highly Reactive Low-Valent Early Transition Metals: From Dinitrogen Fixation, to C-H Bond Activation and Metal-Metal Bond Formation
1995	Robert H. Morris	Intermediates in the Homolytic and Heterolytic Splitting of Dihydrogen by Transition Metal Complexes
1994	Tom Ziegler	Approximate Density Functional Theory: A Practical Tool in Molecular Energetics and Dynamics
1993	Richard T. Oakley	Chemical Binding within and between Inorganic Rings; the Design and Syntheses of Molecular Conductors
1992	M. Fryzuk	Excursions around the Periodic Table: Ligand Design in Inorganic Chemistry
1991	F. Bottomley	[Ru(NH ₃) ₅ (N ₂ O)] ²⁺ to (-C ₅ H ₅) ₁₄ V ₁₆ O ₂₄ and Beyond
1990	G. Michael Bancroft	Shedding Light on the Electronic and Molecular Structure of Inorganic and Organometallic Molecules using Far UV and Soft X-Rays
1989	Peter Legzdins	Aspects of the Organometallic Nitrosyl Chemistry of the Group 6 Elements
1988	Dennis G. Tuck	Recent Studies of the Chemistry of Indium (I) and (III) Compounds
1987	Tristram Chivers	Electron-rich Inorganic Systems
1986	Michael C. Baird	A Chemist Looks to Theory, Fact and Fancy
1985	Richard J. Puddephatt	Organometallic Chemistry with Binuclear and Trinuclear Complexes
1984	Arthur J. Carty	Chemical Transformations on Phosphido (PR ₂ , PR, P) Bridged Clusters
1983	W. R. Fawcett	The Electrodepositions of Semi-Conducting Films and their Use in Solar Energy Conversion
1982	Gregory Ozin	Some Light on Taking Metal Atom Chemistry out of the Cold

1981	A. B. P. Lever	An Experimental View of the Electronic Structure of Metallophthalocyanines – Towards Solar Energy Conversion
1980	Howard Alper	Organometallic Phase Transfers Catalysis
1979	R. G. Cavell	Excursions in Phosphorus Chemistry