



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

Ricardo Aroca Award

Formerly the Maxxam Award

This award is presented to a scientist residing in Canada who has made a distinguished contribution to the field of analytical chemistry while working in Canada. It is available to government, industry and academia, on a rotating basis.

Terms of Reference

Deadline: July 2 of every year

Sponsor: University of Windsor

Award: A framed scroll, \$1,000 cash and up to \$1,000 for travel expenses to the CSC Conference, if required. This award is on a rotating basis:

Eligibility:

- Nominations being considered for the 2020 selection will be from academia, industry and government (deadline July 2, 2019)
- Nominations being considered for the 2021 selection will be from academia (deadline July 2, 2020)
- Nominations being considered for the 2022 selection will be from industry and government (deadline July 2, 2021)

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.

Selection Committee:

- CSC Director of Awards as non-voting Chair
- Chair of the Analytical
- Past two winners of the Ricardo Aroca Award

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

List of Recipients

Date	Award Winner	Award Lecture
2018	Lars Konernmann	Adventures in Mass Spectrometry: Probing the Behavior of Proteins in the Gas Phase and in Solution
Maxxam Award		
2017	Diane Beauchemin	The Unlimited Capabilities of Inductively Coupled Plasma Spectrometry
2016	Michael A. Quilliam	Liquid Chromatography-tandem Mass Spectrometry for Detection and Discovery of Biotoxins
2015	David D.Y. Chen	Big Science in a Small Capillary A Recarding Journey along Capillary Electrophoresis
2014	Sergey Krylov	Unusual Behaviour of DNA in a Uniform Electric Field
2013	Jim Luong	Planar Microfluidic Devices and Gas Chromatography
2012	Pierre Thibault	Mass Spectrometry Tools to Unravel the Molecular Basis of Adaptive Immunity and Cancer Development
2011	X. Chris Le	DNA Protein Binding Assays
2010	Eric Reiner	Advances in the Analysis of Persistent Halogenated Organic Compounds
2009	Liang Li	Missing Links of Omics Technologies: Analytical Challenges in Large Scale Proteome and Metabolome Profiling
2008	Charles Lucy	A Physical Analytical Perspective of Self-Assembled Coatings in Capillary Electrophoresis
2007	Ralph Sturgeon	Reference Materials, Traceability and Uncertainty: New Challenges for the Analytical Community
2006	K.W.M. Siu	Discovery, Identification and Validation of Endometrial Cancer Biomarkers
2005	Ray Clement	An Analytical Scientist in Government: 23 Years of Progress - and More to Come!
2004	R. Jocelyn Paré	Contributions of Microwaves to Analytical Chemistry and to the Environment
2003	D. Jed Harrison	Chemistry, Analysis and Integrated Circuit Technology Take a Peek into the Brave New World of Nanotech
2002	Ulrich J. Krull	Novel Designs for Biosensors and Biochips that Detect Nuclei Acids
2001	Robert K. Boyd	Much Ado About Next-to-Nothing: Mass Spectrometry in Trace Analysis
2000	Janusz Pawliszyn	Unified Theory of Extraction

Fisher Scientific Award

Sponsored by Fisher Scientific

1999	No award	
1998	Norman J. Dovichi	The Chemistry of Single Enzyme Molecules.
1997	D. Douglas	Developing New Mass Spectrometry System: Fundamental Science at Home in Industry.
1996	M. Comisarow	Fourier Transform Ion Cyclotron Resonance Spectroscopy.
1995	H. I. Schiff	Musings of an Atmospheric Chemist Trying to Understand Why he Would Win an Analytical Chemistry Prize.
1994	M. W. Blades	Plasma Sources for Atomic Spectroscopy – A Fundamental Interest.
1993	Joseph Hubert	Surface Wave Plasmas, A “Nouvelle Vague” in Analytical Spectrochemistry
1992	F. F. Cantwell	Equilibrium and Kinetic Aspects of Phase Distribution in Analytical Chemistry.
1991	No award	
1990	B. Kratochvil	An Analysis of Sampling in Chemical Analysis.
1989	M. Thompson	On the Transduction of Molecular Recognition.
1988	F. W. Karasek	The Impact of Instrumentation on Science.
1987	G. Horlick	New Developments in Atomic Spectrochemical Measurement Systems.
1986	S. S. Berman	The Analysis of Marine Materials for Trace Metals.
1985	A. Corsini	Trace Metal Analysis: Selectivity, Sensitivity and Speciation.
1984	D.L. Rabenstein	NMR and Other Analytical Studies of Thiols in Red Blood Cells.
1983	No award	
1982	W. C. Purdy	An Analytical Chemist in the Health Care Industry.
1981	C.L. Chakrabarti	In Search of a New Interference-free Analytical Technique.
1980	W. A. Aue	A Day in the Life of an Analytical Chemist.
1979	D. S. Russell	Some Features in Inorganic Trace Analysis–Much Ado About Nothing.
1978	R. E. Jervis	Neutrons on the Trail of Those Trace Elements - an Analytical Pursuit.
1977	J. L. Monkman	Is Chemistry Necessary Today?
1976	I. Hoffman	Environmental Cause/Effect Data – Some Preliminary Conclusions.
1975	S. Barabas	Water Quality - A Global Problem of Many Common Denominators.
1974	G. C. B. Cave	Solvates and Aggregates of Solvent-Extraction Systems.

1973	W.A.E. McBryde	Solution Chemistry - An Analyst's Playground
1972	D. E. Ryan	Trace Analysis by Solution Spectroscopy.
1971	R. N. Jones	Data Banking for Science and Technology.
1970	R. P. Graham	Analytical Chemistry - Some Prospects and Retrospects.
1969	Walter E. Harris	Gas Chromatography-Developments in Temperature Programming and Pyrolysis QC.
1968	Fred E. Beamish	Analytical Chemistry and the University.