

materials have been reported in *The Globe and Mail*, *Silicon Valley North*, *McLeans' Magazine* (2001), *High Tech Materials Alert*, *Inventive Women* (2001), *Chemical Innovation* (2002), *Photonics Research* (2002, 2004), and *Science Today* (2004).

The E.W.R. Steacie Award / Le Prix E.W.R. Steacie

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The E.W.R. Steacie Award in chemistry is given to a scientist for a distinguished contribution in chemistry.

Le Prix de chimie E.W.R. Steacie est décerné à un chercheur qui s'est distingué dans le domaine de la chimie.



Michael Thompson
University of Toronto

Michael Thompson obtained his BSc degree in chemistry from the University of Wales and his PhD in analytical chemistry from McMaster University. He then spent a period as SRC postdoctoral Fellow at the University College of Swansea before being appointed to a lectureship in instrumental analysis at Loughborough University. He became an assistant professor of analytical chemistry at the University of Toronto and was promoted to a full professorship in 1983. He has also held visiting professorships at the University of Utah, the Scripps Institute for Research, and Queen's College of Cambridge University. He is currently a Leverhulme visiting professor at the University of Durham, U.K.

Thompson has received several awards for his work including the CSC Fisher Scientific Lecture Award, the Ontario Council

of University Faculty Associations Award for teaching excellence, the Theophilus Redwood, the Chemical Analysis and Instrumentation Award, and the Robert Boyle Gold Medal (2002) of the Royal Society of Chemistry. He holds a DSc from the University of Wales and was made a Fellow of the Royal Society of Canada in 1998. He has served on the Editorial Advisory Boards of *Analytical Chemistry*, *Analytica Chimica Acta*, *Talanta*, *Chemical Sensor Technology*, *Analytical Communications*, and *Biosensors and Bioelectronics*. Currently, he is editor of analytical chemistry in *The Canadian Journal of Chemistry*, and scientific editor of *The Analyst*.

The Fred Beamish Award / Le Prix Fred Beamish

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The Fred Beamish Award is to recognize individuals who demonstrate innovation in research in the field of analytical chemistry, and whose research is anticipated to have significant potential for practical applications.

Le Prix Fred Beamish vise à reconnaître les chercheurs qui font preuve d'innovation dans le domaine de la chimie analytique et dont les travaux de recherche laissent entrevoir des possibilités d'applications concrètes considérables.



Hua-Zhong (Hogan) Yu, MCIC
Simon Fraser University

Born in 1971, Hua-Zhong (Hogan) Yu received his BSc (1991) and MSc (1994) from Shandong University, Ji'nan. He received his PhD (1997) from Peking University, Beijing, China. He then went to the California Institute of Technology and

worked with F. C. Anson and A. H. Zewail (1999 Nobel Laureate in chemistry) as a postdoctoral Fellow in the area of electroanalytical chemistry and ultrafast laser spectroscopy. Upon his arrival in Canada in 1999, Yu joined the NRC's Steacie Institute of Molecular Sciences as an NSERC Fellow under the direction of D. D. M. Wayner, FCIC. In 2001, he accepted the position as assistant professor in analytical chemistry at Simon Fraser University in Burnaby, BC. Yu's current research is focused on DNA surface chemistry, CD-R biosensing technology, and molecular modification of semiconductors, which are seminal for the development of the next generation of electronic and diagnostic devices.

The John C. Polanyi Award / Le Prix John C. Polanyi

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Xerox Research Centre of Canada /
Centre canadien de recherche Xerox

The John C. Polanyi Award is for excellence in research in physical and theoretical chemistry or chemical physics.

Le Prix John C. Polanyi récompense l'excellence dans la recherche en chimie physique et théorique ou en physique chimique.



Roderick E. Wasylishen, FCIC
University of Alberta

Roderick E. Wasylishen was born in Elk Point, AB. He obtained his BSc (Hon.) in chemistry from the University of Waterloo, and his PhD from the University of MB under the supervision of one Canada's NMR pioneers, Ted Schaefer, MCIC. From 1972 to 1974, Wasylishen was a NRC of Canada postdoctoral Fellow in the laboratory of chemical physics at the National Institutes of Health in Bethesda, MD. From