

## The Michael Baird Lecture Series

The Michael Baird Lecture Series was established in 2017, the Golden Anniversary of Mike's arrival at Queen's, through generous donations from former students.

Mike was raised in Dundas, Ontario, and obtained an Hon. B.Sc. in Chemistry from McMaster University (where he also won several OUAA and CIS intercollegiate sprint championships). He completed his Ph.D. within three years at the University of Toronto, and then spent two extremely productive postdoctoral years with Sir Geoffrey Wilkinson (1973 Nobel Prize) at Imperial College, London. He joined the faculty at Queen's in 1967.

Mike has carried out research on many aspects of organometallic chemistry and catalysis, publishing over 275 papers and ten patents. He has received almost every national award for scholarship in his field including the Alcan Lecture Award, the Catalysis Award and the Catalysis Lectureship Award of the Chemical Institute of Canada. He was elected to Fellowships of the Chemical Institute of Canada and the Royal Society of Canada, and received the Queen's University Prize for Excellence in Research in 1998. Mike was elected to the McMaster University Sports Hall of Fame and received the 2015 McMaster University Distinguished Alumni Award.

Mike Baird is a much respected teacher who guided about 90 graduate students and 25 postdoctoral fellows. He has taught literally thousands of undergraduate students at all levels, of whom about 350 were introduced to research in his laboratory. As a result, Mike received the Chemistry Department Student Council Prize for Excellence in Teaching five times.

The Baird Lecture Series represents a fine legacy to the Baird career, and the Department thanks former Baird group members Helen Ferkul (M.Sc. '81) and Will Rogers (Ph.D. '80) for organizing the funding drive.

## PREVIOUS BAIRD LECTURERS

2024 • J. Müller

2021 • C. Turro

2020 • D. J. Mindiola

2019 • D. W. Stephan

2018 • K. I. Goldberg

2017 • R. Schrock

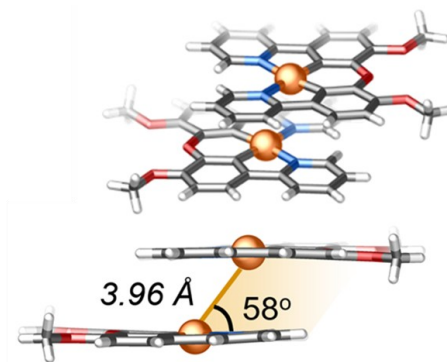


**The Department of Chemistry,  
Queen's University**

is honoured to host the  
2025 Dr. Michael Baird Lecture:

Mark MacLachlan  
University of British Columbia

"Supramolecular Adventures  
with Platinum"



Friday, March 7, 2025  
11:30 AM  
Chernoff Hall, Room 117

## DR. MARK MACLACHLAN



Mark MacLachlan  
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Faculty of Science  
University of British Columbia  
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**Mark MacLachlan** is a Professor at the University of British Columbia (UBC), where he holds the Canada Research Chair in Supramolecular Materials. He obtained his Bachelor's degree in Honours Chemistry from UBC (1995) and his PhD in inorganic materials chemistry from the University of Toronto (1999), under the guidance of Profs. Ian Manners and Geoff Ozin. After 2 years as an NSERC postdoctoral fellow at MIT (1999-2001), working on supramolecular chemistry with Prof. Timothy Swager, he started as an Assistant Professor at UBC in 2001. He was promoted to Associate Professor in 2007 and Professor in 2011. Mark's research interests span supramolecular chemistry, coordination chemistry, macrocycles, nanomaterials, biomaterials, and photonic structures. He is also a PI at the WPI Nano Life Science Institute at Kanazawa University (Japan), where he collaborates with other researchers to investigate imaging biomaterials through scanning probe microscopy.

Mark served as Associate Dean for Research & Graduate Studies in the Faculty of Science at UBC from 2016 – 2023. Since January 2024, he has served as the Dean of Science pro tem.

## SELECTED HONOURS & AWARDS

- 2016 Award for Research Excellence in Materials Chemistry (Canadian Society for Chemistry)
- 2014 Steacie Prize for Natural Sciences (E.W.R. Steacie Memorial Fund)
- 2014 Elected Fellow of the Royal Society of Canada (FRSC)
- 2013 Rutherford Memorial Medal (Royal Society of Canada)
- 2013 Strem Award for Pure or Applied Inorganic Chemistry (Canadian Society for Chemistry)
- 2012-14 E.W.R. Steacie Memorial Fellowship (NSERC)