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

2019 • D. W. Stephan

2018 • K. I. Goldberg

2017 • R. Schrock

Queen's Chemistry

The Department of Chemistry, Queen's University

is honoured to host the
2021 Baird Lecture:

Daniel J. Mindiola
University of Pennsylvania

"Early-Transition Metals and Their Multiple Bonds to Ligands: Catalytic Dehydrogenation of Alkanes, Methane Olefination, and Super Bases."

Friday, July 9, 2021
11:30 AM
Virtual via Zoom

DR. DANIEL J. MINDIOLA

Daniel J. Mindiola
Department of Chemistry
University of Pennsylvania
231 S. 34 Street
Philadelphia, PA 19104-6323

Professor Mindiola is the Brush Family Professor in Chemistry at the University of Pennsylvania. He received a degree in chemistry with honors from Michigan State University (1996), a Ph.D. degree from the Massachusetts Institute of Technology in 2000 (under the supervision of Prof. Christopher Cummins) and did a two-year postdoctoral stint at the University of Chicago (under the auspices of the late Prof. Greg Hillhouse). After being promoted through the ranks at Indiana University in the college town of Bloomington, Daniel moved to the University of Pennsylvania where he held the Presidential Chair Professorship for 5 years. He is author and coauthor of more than 200 scientific papers, as well as several book chapters and editorials. He has presented over 200 lectures world-wide and was Associate Editor for nearly 10 years with the *RSC* journal *Dalton Transactions* and the *ACS* journal *Organometallics*.

SELECTED HONOURS & AWARDS

- 2020   ACS F. Albert Cotton Award in Synthetic Inorganic Chemistry
- 2018   Fellow, American Association for the Advancement of Science
- 2014   Fellow of the Royal Society of Chemistry (FRSC)
- 2009   American Chemical Society National Fresenius Award (Phi Lambda Upsilon)
- 2009-2010   Friedrich Wilhelm Bessel Research Award, Alexander von Humboldt Foundation
- 2008-2009   Dalton Lecturer, University of California at Berkeley
- 2002-2004   Camille and Henry Dreyfus New Faculty Award
- 2003-2008   NSF CAREER Award
- 2005   Indiana University Outstanding Junior Faculty Award
- 2005-2007   Alfred P. Sloan Research Fellow
- 2005-2012   Camille Dreyfus Teacher-Scholar Award
- 2004   NSF Presidential Early Career Award for Scientists and Engineers (PECASE)