Cathleen Crudden is the Allie Vi Douglas Distinguished Research Professor, Queen’s National Scholar and Tier 1 Canada Research Chair in Metal Organic Chemistry at Queen’s University. She is the Scientific Director of the Carbon to Metal Coating Institute, a cross-disciplinary, multi-million dollar collaboration spanning microelectronic, corrosion and cancer therapeutic research. She holds a cross appointment as a Research Professor at the Institute of Transformative Bio-Molecules (ITbM) in Nagoya Japan. She is one of only four international faculty at ITbM, where she runs a satellite lab funded by the Japanese government. She has won numerous research awards including an NSERC Accelerator Award (2010), the Clara Benson Award (2011), the Catalysis Lectureship award (2011), Fellowship in the Chemical Institute of Canada (2014) a Killam Research Fellowship (2015), and the R.U. Lemieux Award (2016), Queen’s Excellence in Research Award (2017), the Montreal Medal (2019) is an Arthur C. Cope Scholar (2019) She is a Fellow of the American Chemical Society (2024), was elected to the Royal Society of Canada (2020) and is a Fellow of the Royal Society of Chemistry UK (2016). In 2023 she received the NSERC Polanyi award, and is an elected member of the American Academy for the Advancement of Science. She has been a visiting professor in the labs of Professors Emmanuel Lacote and Ryoji Noyori, was awarded a Global Center of Excellence Professorship at Kyoto University and a Visiting Professorship in Tarragona, Spain. Recently, she has was the Heck lecturer at the University of Delaware, and the AbbVie Seminar speaker at the University of Wisconsin-Madison. She was the Endowed Izzak M. Kolthoff Lecturer at the University of Minnesota (2023), and the Earl L. Muetterties Lecturer at the University of California, Berkley (2022), as well as the Klemm Lecturer at the University of Oregon (2022) and the Chem Cell Press Lecturer at the University of California, Los Angeles (2022). Previously, she was the Merck-Karl Pfiser Visiting Lecturer in Organic Chemistry at the Massachusetts Institute of Technology (2020). In 2017 she held the Swiss Chemical Society Lectureship. Cathleen was President of the Canadian Society for Chemistry in 2012/2013 and served on the society’s Board of Directors for two terms representing the Catalysis Division. She also served on the Editorial Advisory Board for ACCN for ten years, and has been one of two Canadian members of the organizing committee of Pacifichem for the past 10 years. She is currently the Editor-in-Chief of ACS Catalysis, and sits on the editorial advisory boards of Organic Syntheses, ACS Central Science, Chem, ChemRxiv, Chemical Record (Japan), Synthesis, Organometallics, ACS Omega, Chemical and Engineering News. She was the Chair and founder of the NSERC-Chemistry Liaison Committee, and is frequently asked to participate on national and international review panels and evaluation committees. Her work in catalysis and materials has received significant international acclaim, and recent work identifying a new class of carbon-based SAMs has been called "game changing" and "the new gold standard" by international experts.