

BIO SKETCH

DAVY CHENG, MD, MSc, FRCPC, FCAHS, CCPE



Dr. Davy Cheng is a Distinguished University Professor in Schulich School of Medicine & Dentistry, Western University at London, Ontario, Canada. He holds the Chair in Evidence-based Perioperative Clinical Outcomes Research (EPiCOR) and is the co-founder and Medical Director of the MEDICI Centre (Medical Evidence, Decision Integrity & Clinical Impact), which is a World Health Organization (WHO) designated Collaborating Center in the study of global perioperative surgery and anesthesia care. Dr. Cheng is an Attending Consultant in the Critical Care Medicine Division, Department of Anesthesia & Perioperative Medicine, and the Department of Medicine, Western University.

Dr. Cheng served as Dean (Acting) from Oct 2018 – April 2020, and as Vice Dean, Faculty Affairs, Schulich School of Medicine & Dentistry from July 2017-Sept 2018. He was the Chair/Chief of the Department of Anesthesia & Perioperative Medicine, London Health Sciences Centre, St. Joseph Health Care London, Western University (2001-2017); and was the Chair of the Committee of Clinical Chairs (2012-2016).

Dr. Cheng received an Ontario Scholar Award into University and completed his BSc (Hon) in Biochemistry at the University of Ottawa in 1977 (Dean's Honor List). He was awarded Medical Research Council Studentship entering graduate school and completed MSc (Biochemistry) at Western University in 1979. He graduated from the Faculty of Medicine (with an Honor Award from the Medical Society), University of Toronto in 1983 and completed his internal medicine internship and anesthesia residency in 1987. He joined as Faculty at the Toronto Western Hospital, University of Toronto after a Clinical Research Fellowship in 1988 and a Cardiovascular Anesthesia Fellowship at the University of Iowa Hospitals and Clinics, Iowa City in 1989. Prior to his appointment in 2001 at Western University, London, Dr. Cheng held the rank of Full Professor and Deputy Chief of Anesthesiology at the Toronto General Hospital, University of Toronto and as Medical Director, Cardiovascular Surgery Program, University Health Network (UHN), Toronto.

Research: Dr. Cheng is a globally recognized healthcare leader in the forefront of research, practice and healthcare policy in the fields of perioperative surgical and anesthesia care, cardiac surgery, critical care medicine, and evidence-based clinical decision-making. His pioneer work in fast track cardiac anesthesia and recovery has become the standard of cardiac anesthesia and recovery practice around the world. Dr. Cheng established the Evidence-Based Perioperative Clinical Outcomes Research (EPiCOR) and the MEDICI Centre (Medical Evidence, Decision Integrity, Clinical Impact) at Western University and the London Teaching Hospitals; and continues to release a number of pivotal publications and consensus guidelines to direct

evidence-based medical and surgical practices. In 2016, the MEDICI Centre was recognized and granted as a WHO Collaborating Centre in studying perioperative surgical care and anesthesia. As Principal Investigator or co-investigator since faculty appointment, Dr. Cheng has been awarded over \$11M total in peer-reviewed grants and over \$1.6M total in non-peer reviewed grants. He has published over 160 peer-reviewed scientific papers in high impact journals and 50 books / chapters (citations 11,764, h-index 58, i10-index 131). Dr. Cheng served on several Editorial Boards including; anesthesia (CJA), cardiothoracic and vascular anesthesia (JCTVA) and cardiac surgery (INNOVATIONS). He Co-Chaired the Steering Committee and Expert Consensus Panel for the International Society for Minimally Invasive Cardiac Surgery (ISMICS), the European Association of Cardiothoracic Society (EACTS), as well as the World Health Organization (WHO) in practice guideline development. Dr. Cheng has been invited as visiting professor, named lecturer and guest speaker to over 160 Universities, Cardiac Centers and nationally/internationally conferences.

Awards/Honors: Dr. Cheng was inducted the Centennial President (2018-19) of the (William) Harvey Medicine Club at Western University, London (the oldest medicine club in Canada). In 2019, Dr Cheng was inaugurated the Distinguished Service Award at the Society of Perioperative Research and Care (The Award recognizes an individual who has made outstanding contributions to perioperative medicine on a local, national and international scale over an extended time; also have mentored individuals building careers in perioperative care and made a substantial impact on research and education). He was also inducted the 2019 Fanshawe College Honorary Diploma (bestowed by the College to recognize an individual's unique and outstanding impact at local, provincial, national and global level). In 2015, Dr. Cheng was awarded the Canadian Anesthesiologists' Society Gold Medal (the highest award for his outstanding contributions in leadership and professional and clinical excellence in anesthesia). In 2014, Dr. Cheng was inducted the highest award by the German Society of Anesthesiologists and Intensive Care as its Honorary Member.

In 2013, Dr. Cheng was designated as CCPE (Canadian Certified Physician Executive) by the Canadian Medical Association (CMA) and the Canadian Society of Physician Executives (CSPE), and in 2014 was honored with the CSPE Excellence in Medical Leadership Award. In 2010, Dr. Cheng was inaugurated the Rotman-Longwoods Scholar (for demonstrated special interest in understanding and applying practical strategies of knowledge translation and knowledge transfer). In 2010, he was awarded the CAS Research Recognition Award for his sustained major contributions in anesthesia research in Canada. In 2007, Dr. Cheng was the first anesthesiologist inducted as a Fellow of the Canadian Academy of Health Sciences (FCAHS) in recognition of his great accomplishment and achievement in the academic health sciences in Canada. He was later appointed to the Fellow Selection Committee of Canadian Academy Health Sciences (2014-18). In 2010, he also received the prestigious Joint Medical Advisory Committee (MAC) Award for the outstanding leadership and exemplary contributions to the success of the committee's initiatives; aligning the strategic directions of London Teaching Hospitals to improve patient care and outcomes. In 2009, was recognized the Outstanding Contribution Award for Chinese

Anesthesiology at the Chinese Society of Anesthesiology, for his leadership and mentorship in Chinese anesthesiology.

Administration: Dr. Cheng has led significant transformation as an exemplary healthcare leader in variety areas of clinical practice and healthcare policy from the frontline to the boardrooms of hospitals and organization across Canada and around the world. He was instrumental in established an academic practice plan in anesthesia at The Toronto Hospital (1997); at The London Teaching Hospitals (2004); a first activities-based performance budget (2013) and a renewed Conditions of Appointment for Physicians (2018) in Schulich School of Medicine & Dentistry at Western University. Dr. Cheng served as Chair of the Ontario Blood Advisory Committee (OBAC) advising the Ontario Blood Office (annual budget \$460M) at the Ministry of Health & Long-Term Care (MOHLTC) from 2012-2016. Since 2017, Dr. Cheng has been appointed as Vice Chair of Innovation Fund Provincial Oversight Committee (IFPOC) overseeing the Innovation Project Funding (annual budget \$20M) to 17 Academic Health Sciences Organizations in Ontario, Canada.

In 2011, Dr. Cheng was elected President of the Association of Canadian University Departments of Anesthesiology (ACUDA). He served on the Board of Directors in the Society of Cardiovascular Anesthesiology (SCA 2013-2015); and the Board of Directors of the Canadian Anesthesiologists' Society (CAS 2011-2014). Dr. Cheng was elected Chair of Board of Trustees, International Anesthesia Research Society (IARS) in 2016, as well as the President of the Association of Cardiac Anesthesiologists (ACA). Dr. Cheng was appointed Chair of the Circulation Track Subcommittee of the World Congress of Anesthesiologists (WCA) in 2014-2016 and was elected as Chair of Scientific Affairs Committee (2016-2020) of the World Federation of Societies of Anaesthesiologists (WFSA).