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Education / Training

1986-89	BSc, Biochemistry, McGill University
1989-93	MD, University of Ottawa
1993-96	FRCPC, Internal Medicine, University of Ottawa Chief Resident, Ottawa Civic Hospital
1996-99	FRCPC, Neurology, University of Toronto Chief Resident, TWH & SHSC
1999-01	Clinical Stroke Fellowship, University of Calgary
1999-03	MSc, Clinical Epidemiology, University of Calgary

Employment History

2011-present	Professor of Neurology, Department of Clinical Neurosciences, University of Calgary [Cross-appointed to the Department of Community Health Sciences, Department of Medicine, Department of Radiology]
2025-present	Senior Medical Director, Neuroscience Care Alberta, Acute Care Alberta
2020-2025	Senior Medical Director for Stroke, Strategic Clinical Network (renamed Provincial Improvement and Integration Network - PIN in 2024-2025), Alberta Health Services
2009-2014	Associate Dean (Clinical Research), Faculty of Medicine, University of Calgary
2005-2011	Associate Professor of Neurology, Professor of Neurology, Department of Clinical Neurosciences, University of Calgary [Cross-appointed to the Department of Community Health Sciences, Department of Medicine, Department of Radiology]
2001-2005	Assistant Professor of Neurology, Professor of Neurology, Department of Clinical Neurosciences, University of Calgary [Cross-appointed to the Department of Community Health Sciences, Department of Medicine]
2001-present	Neurology faculty. Alberta Health Services, Calgary Zone
2003-07	Neurology Visiting Faculty. Medicine Hat Regional Hospital
1997-99	Medical Staff. Toronto East General Hospital

Selected Honours / Distinctions (Last 5 years)

2026	Canadian Medical Hall of Fame. October 2025; Induction June 2026.
2025	ASTECH 2025. Research Team of the Year
2024	HRF Medal of Honour . <i>Health Research Foundation (HRF) of Innovative Medicines Canada</i>
2024	Margolese National Brain Disorders Prize <i>The Margolese National Brain Disorders Prize will be awarded annually to a Canadian</i>

2022	<i>physician or scientist who makes outstanding contributions to the treatment, amelioration, or cure of brain disorders.</i> Officer of the Order of Canada <i>The Order of Canada is one of our country's highest civilian honours. It recognizes people across all sectors of society who have made extraordinary and sustained contributions to our nation. DESIDERANTES MELIOREM PATRIAM, which translates to "They desire a better country," is the motto of the Order. Appointments are made by the governor general on the recommendation of the Advisory Council for the Order of Canada.</i>
2022	Queen Elizabeth II's Platinum Jubilee Medal (Alberta) <i>The award recognizes demonstrated exceptional qualities and outstanding service to the Province, in your case in the field of healthcare in changing the standard of care for Ischemic Stroke. Alberta Innovates nominated you to receive this honour as a lasting recognition of your dedication and service.</i>
2021	Canadian Society for Clinical Investigation (CSCI) Distinguished Scientist Award and Lecture
2021	Fellow of the Royal Society of Canada (FRCS)
2021	Canadian Society for Clinical Investigation (CSCI) Distinguished Scientist Award and Lecture
2021	Cumming School of Medicine's Smith Distinguished Achievement Award <i>This Award recognizes the extraordinary contribution made by you to the Cumming School of Medicine over the past two years. Such recognition is given to only a few of our faculty and is awarded to you for outstanding contributions by a senior faculty member.</i>

Experience Working in Collaborative Projects

Neurosciences Care Alberta, Cardiovascular and Stroke SCN. Senior Medical Director.

ESCAPE-NEXT trial. This trial is has completed enrolment, global at 85 sites.

ESCAPE-NA1 trial. This is a completed phase 3 randomized controlled trial to assess treatment of acute stroke with nerinetide vs. placebo. There were 48 active sites internationally in Canada, US, UK, Europe, Australia and South Korea

ESCAPE trial. This is a completed phase 3 randomized controlled trial to assess the treatment of acute stroke with endovascular therapy. There were 22 active site internationally in Canada, US, UK, Europe and South Korea.

TEMPO-2 trial. This is a current phase 3 cohort study to assess the use of TNK-TPA for the treatment of minor stroke. There 35 active sites in internationally.

Major Grants in the Past 5 Years

1. ESCAPE-NEXT trial. Principal Investigator. \$1,600,000 (2022-2025) from CIHR, \$15M from NoNO Inc. Phase 3 randomized clinical trial - CIHR project scheme grant
2. TEMPO-2 trial. Co-Principal Investigator. \$1,992,825.00 (2018-2023). Phase 3 randomized clinical trial - A randomized controlled trial of TNK-tPA versus standard of care for minor ischemic stroke with proven occlusion. Funded by CIHR.
3. ESCAPE-NA1 trial. Principal Investigator. \$2,138,245.00 (2016-2019) from CIHR, \$13M from NoNO Inc. Phase 3 randomized clinical trial - Extension of Stroke Care by Added neuroProtection to Endovascular Treatment (ESCAPE-NA1). CIHR project scheme grant
4. QuICR group. Principal Investigator. \$5M. 2014-2019. Program grant for Alberta to improve acute stroke care. Funded by Alberta Innovates Health Solutions.

PUBLICATIONS

Peer-reviewed = 1047 [Original Research (833), Reviews, Guidelines (106), Editorials, Opinions (109)]

Other = 73 [Book Chapters, Reviews - *Non-peer-reviewed* (17), Letters, Images, Notes (56)]

Meeting/Conference Abstracts Not Collected

ISI Web of Science (29 Mar 2026) Total citations = 68593; Average Citations per Item= 44.74; H-index= 119

Google Scholar (29 Mar 2026) Total citations = 113834; i10-index= 809; H-index= 152;

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