

Michael D. Christian

MD, MSc (Public Health), FRCPC, FCCP, FCCM, DLSHTM, DTM&H

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A senior healthcare sector leader with nearly 30 years of experience and a strong track record of high-performance. Specialisms include critical care, infectious diseases, military, aviation and pre-hospital medicine. Brings significant experience in clinical management and leadership. Accustomed to participating in defining clinical strategy and policy direction. Brings deep knowledge of clinical safety and governance processes. Works in collaboration with multi-disciplinary colleagues. Enjoys identifying and pursuing opportunities for positive change with an innovative mindset. Possesses a large publication portfolio, including +70 peer-reviewed papers. Notably named as one of the top 3 most influential authors in disaster medicine. A retired member of the Regular Forces of the Royal Canadian Air Force. Responded to numerous disasters, including SARS, 2010 Haiti earthquake and the London Bridge attack. Advisor to several governments about emergency preparedness issues. Dedicated to ongoing professional development and clinical activity. Displays high levels of personal motivation and resilience. Commitment to the values of public service and healthcare. Genuinely passionate about servant leadership, learning, human factors, and developing service excellence. Operates with humility, honesty and integrity.

Key Skills

LEADERSHIP: A highly credible, inspirational and motivational leader. Creates a leadership pull that people engage with. Skilled at articulating his vision, empowering team members and addressing underperformance. Sets the precedent for openness and inclusion. Offers considerable experience of participation in, and oversight of, clinical governance. Leverages servant and intent-based leadership.

POSITIVE CHANGE: Demonstrable experience of leading, introducing and managing change programmes. Previously developed clinical/patient pathways and programmes to improve patient safety and drive quality improvement by stimulating a culture of curiosity and leveraging data. Understands the need for careful monitoring of progress/outcomes.

COMMUNICATION: Communicates effectively at all levels - including Board & Ministerial - in writing and verbally. Extremely credible to internal and external stakeholders. Succeeds at building strong and productive relationships. Possesses interpersonal skills that instil trust, confidence and following. Excels at negotiation, resolving conflicting priorities and gathering consensus.

STRATEGIC: Highly skilled at strategy development, with strong analytic, problem-solving and critical reasoning skills. Committed to improving patient safety and willing to challenge constructively. Adept at assessing risks, anticipating difficulties and achieving objectives. Experienced in evaluating and designing systems-based solutions to address failures or enhance efficiency.

Awards

Presidential Citation - Society of Critical Care Medicine (2017)
Distinguished CHEST Educator - American College of CHEST Physicians (2017)
Canadian Armed Forces General Campaign Star - South-West Asia (GCS-SWA) (2012)
Canadian Armed Forces Queen Elizabeth II Diamond Jubilee Medal (QDJM) (2012)
Canadian Armed Forces Operational Service Medal – HUMANITAS (OSM-HUM) (2010)
The Karen McGibbon Award of Excellence, Mount Sinai Hospital (2011)

Career History

Research & Clinical Effectiveness (Quality) Lead – HEMS Doctor **2018 - Present**
London's Air Ambulance/Bart's Health NHS, UK

Appointed to join the senior team to lead on the delivery of key objectives within LAA's research and quality strategy. This role is intended to help LAA deliver on developing infrastructure, team and culture of inquiry that will bring about a step-change in capability by motivating and inspiring the consultant team, paramedics, nurses, non-consultant grade doctors at LAA to pursue opportunities for research and quality improvement as well as developing collaborations with external organisations.

- Built on the academic achievements of the service and worked with the clinical team in the delivery of LAA research strategy.
- Encouraged, inspired and coached LAA consultants, doctors and paramedics to build their academic profiles enabling several to lead their first research studies including Zone 1 REBO, Care in the Hot zone of Terrorism Incidents among others.
- Led on the development and delivery of a digital transformation strategy including the establishment of the governance structure, tripartite organization executive leadership engagement, and served as the senior sponsor for the introduction of an electronic patient record, database upgrade, recruitment of senior business analyst/data manager and operational efficiencies projects.
- Led, promoted and advised on quality improvement, including clinical audit, service evaluation and patient involvement.

CLINICAL LEAD (SAFETY, EDUCATION & DEVELOPMENT) **2017 - 2018**
Essex & Herts Air Ambulance Trust, UK

Accountable to the Medical Director and responsible for clinical safety, education, team development, and administration for HEMS consultants and doctors. Remit included leadership of 5 direct reports (Consultants and PhD) and an overall team of approx. 30 physicians.

- Designed and led the development of a Clinical Cabinet and restructuring of the clinical operations section to alignment to clinical and work streams in conjunction with the Medical Director.
- Led safety management system implementation (Radar by Smartgate Solutions); including overseeing the development, configuration and testing.

SPECIALIST REGISTRAR - HEMS/ PRE-HOSPITAL CRITICAL CARE DOCTOR 2016 - 2017
Barts Health Trust (London's Air Ambulance/Essex & Herts Air Ambulance Trust), London, UK

Provided a range of advanced interventions and expert medical assessment to patients, with a focus on the highest standards of care and minimising the delay between injury and definitive interventions. Role scope included research/audit projects, trauma scoring/coding, teaching/training and fundraising/promotional activities.

CHIEF SAFETY OFFICER (CSO) 2015 - 2016
MEDICAL DIRECTOR – CRITICAL CARE RESPONSE TEAM
CONSULTANT PHYSICIAN – CRITICAL CARE MEDICINE
Niagara Health System, Canada
ASSOCIATE PROFESSOR, McMaster University, Department of Medicine, Canada

Recruited to join the executive leadership team at the largest multi-site hospital in Ontario, which was in Special Measures and following a major restructuring to the board and executive. Selected to rebuild the strategic alignment of all safety-sensitive portfolios, including Quality & Risk Management, Infection Control & Prevention, Antibiotic Stewardship, Critical Care Response Teams, Medication Administration, Emergency Preparedness and Occupational Health.

- Established and maintained a health system that was safe for patients and staff by evaluating the current safety net in the organisation to address gaps, identify the strategic direction and correctly align priorities related to safety initiatives.
- Advised the NHS CEO and Chief of Staff/EVP Medical on resource needs/utilisation to achieve excellent outcomes in quality and safety and positive safety culture.
- Designed, developed and implemented Critical Care Response Team including the delivery of training to the multi-disciplinary team members.

TRANSPORT PHYSICIAN 2008 - 2016
ORNGE Transport Medicine (formerly Ontario Air Ambulance), Canada

Worked across a variety of functions within Ontario's unified aeromedical emergency and critical care transport service (Ornge), principally providing direct and online medical control of flight and ground transport critical care paramedics. Remit included in determining the priority and resource needs to service emergency requests.

SPECIALIST MEDICAL OFFICER 2009 - 2015
Regular Forces - Canadian Armed Forces, Canada

Responsible for leading a team of highly-trained, multi-disciplinary professionals in the provision of speciality medical care in critical care and infectious diseases whilst promoting health protection and education.

- Providing expert advice to the military leadership regarding CBRN, critical care, public health and infectious diseases.
- Maximising skills and capabilities of physicians, nurses, physician assistants, and paramedics by participating in the development/delivery of primary and continuing medical education.

CONSULTANT PHYSICIAN – INTENSIVE CARE 2010 - 2015
MEDICAL DIRECTOR - CRITICAL CARE RESPONSE TEAM (ACCESS)
PMH ACUTE CARE PHYSICIAN LEAD
Critical Care & Infectious Diseases, Mount Sinai Hospital & University Health Network, Toronto, Canada
ASSISTANT PROFESSOR (CLINICIAN-INVESTIGATOR) 2010 - 2015
University of Toronto, Infectious Diseases & Critical Care Medicine/ Public Health Sciences, Canada

Led multi-disciplinary clinical teams rotating between three large quaternary care academic medical-surgical ICUs, including specialities in neuro-critical care, advanced pulmonary failure, ECMO, and obstetrics.

- Led the resuscitation programme at Mount Sinai Hospital and provided supervision and training (including simulation) to medical students, residents and senior fellows.

DIRECTOR/SECRETARY (FOUNDING BOARD) 2005 - 2008
Ontario Agency for Health Protection & Promotion, Ontario, Canada

Following on from the recommendations of The SARS Commission, served on the Public Health Agency Implementation Task Force to design and develop a Public Health Agency for Ontario to strengthen the response to public health emergencies and subsequently received an Order in Council appointment to serve on the Executive of the founding Board as Secretary.

Other Roles

Specialist Medical Officer 2009 - 2015
Regular Force Reserves (2015- Present) - Canadian Armed Forces, Canada

Attending Physician (Locum Tenens) 2015 - Present
Critical Care Medicine, Thunder Bay Regional Hospital, Canada

Consultant Physician (Courtesy Staff) - Critical Care & Infectious Diseases 2015 - Present
Mount Sinai Hospital & University Health Network, Toronto, Canada

Specialist Medical Officer - Internal Medicine/Critical Care (Regular Forces) 2009 - 2015
Canadian Armed Forces (Royal Canadian Air Force), Canada

Attending Physician (Clinical Associate) 2007 - 2010

Critical Care & Infectious Diseases, Mount Sinai Hospital & University Health Network, Toronto, Canada

Attending Physician (Courtesy Staff, Locum) Internal Medicine & HIV, Sault Area Hospital, Canada	2003 - 2009
Attending Physician (Locum Tenens) Critical Care & Internal Medicine, Thunder Bay Regional Hospital, Canada	2003 - 2008
Attending Physician (Clinical Assistant) Division of General Internal Medicine, University Health Network – Toronto General Hospital, Toronto, Canada	2003 - 2004
Paramedic-1 District of Halton & Mississauga Ambulance Service, Canada	1990 - 1995
Emergency Medical Attendant Peel-York District/Orillia & District Ambulance Services, Canada	1989 - 1994

Administrative Appointments Highlights

Member	InFACT (International Forum for Acute Care Trialists)	2011 - Present
Member, Working Group 4	International Severe Acute Respiratory Infection Consortium (ISARIC)	2011 - Present
Past-Chair/Chair/Vice Chair	CHEST Disaster Response Network, Chicago, US	2013 - 2019
Member, Executive Steering	CHEST Task Force for Mass Casualty Critical Care, US	2011 - Present
Member	Disaster Response Network Steering Committee, Chicago, US	2010 - Present
Past-Chair/Chair/Vice Chair	SCCM Fundamentals of Disaster Medicine Committee, Chicago, US	2015 - 2021
Member, Working Group	CMA/CPHA - Guidance Development for Pandemic	2013 - 2015
Member	Canadian Critical Care Trials Group (CCCTG), Canada	2006 - 2016
Member, Examination Board	Royal College of Physicians & Surgeons of Canada	2013 - 2018
Advisor & Project Lead	Ontario Provincial Pandemic Planning Committee, Canada	2004 - 2007
Member	Hospital Emergency Dept. & Ambulance Effectiveness Working Group, Minister's Task Force, Ontario, Canada.	2004 - 2007
Member, Board of Directors	Aids Committee of Toronto, Canada	2002 - 2004

Qualifications / Professional Training

Masters of Business Administration (CANDIDATE 2023)

Durham University, Durham, England

Physician Leadership Institute Certificate (2019)

Canadian Medical Association

Diploma, Tropical Medicine & Hygiene (2011)

Universidad Peruana Cayetano Heredia, Gorgas Memorial Institute of Tropical & Preventive Medicine, Lima, Peru

MSc, Public Health (2009)

London School of Hygiene and Tropical Medicine, London, UK

Fellowships, Critical Care Medicine & Infectious Diseases (2004 - 2007)

McMaster University, Ontario, Canada

Residency, Internal Medicine (1999 - 2003)

University of Toronto, Ontario, Canada

Doctor of Medicine [MD] (1999)

McMaster University, Ontario, Canada

BA, Health Studies – with Honours (1996)

Brock University, Ontario, Canada

Qualifications, Certifications & Licences

General Medical Council UK - full registration with a licence to practice* (2020 – Present/in APS 2016-2020*)

Canadian Patient Safety Educator (2014)

Operational Flight Surgeon Qualification (2014)

Critical Care Aerovac Qualification, Canadian Armed Forces (2013)

Fellow, Critical Care, Royal College of Physicians & Surgeons of Canada (2007 - Present)

Fellow, Infectious Diseases, Royal College of Physicians & Surgeons of Canada (2006 - Present)

Fellow, Internal Medicine, Royal College of Physicians & Surgeons of Canada (2003 - Present)

Professional Associations

Fellow, American College of Critical Care Medicine (SCCM) (2014 - Present)

Fellow, American College of Chest Physicians (2011 - Present)

Fellow, Royal College of Physicians Canada (2007 - Present)

Other Information

Security Clearance	Secret.	Academic Teaching Dossier:	Available on request.
Publications & Research:	Available on request.	References:	Available on request.