

# AVIK NATH – CURRICULUM VITAE

## QUALIFICATIONS AND DEGREES

- 2019      **Fellowship in the College of Family Physicians of Canada (FCFP)**  
College of Family Physicians of Canada, Canada
- 2013      **MSc in Public Health (MSc)**  
London School of Hygiene and Tropical Medicine, London, United Kingdom
- 2007      **Certificate of Special Competence in Emergency Medicine, (CCFP(EM))**  
University of Ottawa, Canada
- 2006      **Certification in Family Medicine (CCFP)**  
University of Ottawa, Canada
- 2004      **Doctor of Medicine (MD)**  
University of Ottawa, Canada
- 2000      **Bachelor of Science (BSc)**  
Laurentian University, Sudbury, Canada

## APPOINTMENTS

- 2022      **Nominated to be Member at Large**  
College of Family Physicians of Canada Board of Directors, Canada (in process)
- 2021-  
Present      **Chair, The Ottawa Hospital Emergency Physician Associates**  
Dept. of Emergency Medicine, The Ottawa Hospital, Ottawa, Canada
- 2021-  
Present      **Member, College of Family Physicians Emergency Medicine representative on the  
Specialty Committee in Emergency Medicine**  
Royal College of Physicians and Surgeons of Canada, Canada
- 2020 -  
Present      **Chair, National Emergency Residency Directors**  
College of Family Physicians of Canada, Canada
- 2010 -  
Present      **Program Director, CCFP(EM) Program**  
Department of Emergency Medicine, University of Ottawa, Canada
- 2018      **Program Director, Enhanced Skills Program**  
Department of Family Medicine, University of Ottawa, Canada
- 2008 -  
Present      **Assistant Professor**  
Department of Emergency Medicine, Faculty of Medicine, University of Ottawa, Canada

## CLINICAL EMPLOYMENT

- 2011-      **The Ottawa Hospital Emergency Physician Associates**

- Present Department of Emergency Medicine, The Ottawa Hospital, Canada
- 2007-2011 **Consultant**  
Department of Emergency Medicine, The Ottawa Hospital, Canada
- 2007-2009 **Consultant**  
Department of Emergency Medicine, Queensway Carleton Hospital, Ottawa, Canada
- 2007-2008 **Locum**  
Emergency Department, Sudbury Regional Hospital, Sudbury, Canada
- 2007-2008 **Locum**  
Emergency Department, Perth and Smiths Falls District Hospital, Perth, Canada
- 2007-2008 **Locum**  
Family Medicine Inpatient Unit, The Ottawa Hospital, Ottawa, Canada

## **AWARDS**

- 2017 **Nomination “Physician Leadership Award” at The Ottawa Hospital**  
This nominated excellence award, is to celebrate the staff, physicians, volunteers and teams who exemplify The Ottawa Hospital’s vision and values.
- 2022 **Winner “Family Medicine Mentorship Award”**  
Department of Family Medicine, University of Ottawa  
Nominated by peers and residents to receive this award for mentorship.
- 2016-2017 **Winner “PGY-1 Teacher of the Year”**  
Department of Emergency Medicine, University of Ottawa  
This award is presented annually to an emergency physician for outstanding teaching to off-service residents’ education.
- 2014-2015 **Winner “Mentorship Award”**  
Department of Emergency Medicine, University of Ottawa  
This award, is voted on by Emergency Medicine Residents for a faculty member who went above and beyond for advocacy of resident issues.
- 2013-2014 **Winner: “Gord Wallace Teaching Award (EM Clerkship)”**  
& Department of Emergency Medicine, University of Ottawa
- 2008-2009 This award is given to recognize faculty for outstanding clinical teaching dedicated to medical students.
- 2006-2007 **Winner “Resident Research Award (CCFP)”**  
Department of Emergency Medicine, University of Ottawa  
This award is given to the resident with the best research project and presentation as judged upon at DEM Research Day
- 2006-2007 **Winner “Resident Educator of the Year (CCFP)”**  
Department of Emergency Medicine, University of Ottawa

To recognize a DEM CCFP(EM) resident for outstanding teaching.

2018-2019 **Nomination “Off-Service Resident Education Teacher of the Year”**  
Department of Emergency Medicine, University of Ottawa

2011-2012 **Nominated “Teacher of the Year 2011-2012”**  
Department of Emergency Medicine, University of Ottawa

2011-2012 **Nominated “Gord Wallace Teaching Award (EM Clerkship)”**  
Department of Emergency Medicine, University of Ottawa

## **EDUCATIONAL ACTIVITIES**

### **International**

2019 **Scientific Program Committee Member**  
Canadian Stroke Congress. University of Ottawa  
Sat on the planning committee for this educational and scientific event in Canada for over 500 healthcare providers and researchers from across the stroke continuum, in order to provide an emergency medicine perspective on content for this conference

### **National**

2022-  
Present **Invited Expert Member: Accreditation Standards Improvement Committee – Family Medicine (ASIC-FM)**  
College of Family Physicians of Canada, Canada

2022 **Invited Panelist: Academic Symposium 2022: “Ready for Practice? National Recommendations for Emergency Medicine Transition to Practice Curriculum”**  
Canadian Association of Emergency Physicians Conference, Quebec City, Canada

2022 **Invited Speaker: CFPC “Conquering Competency Based Medical Education” 2-day workshop.**  
College of Family Physicians of Canada, Virtual Workshop, Canada

2022 **Invited Accreditation Member: External Reviewer**  
University of Alberta, College of Family Physicians of Canada, Canada

2021-  
Present **Invited Member: College of Family Physicians of Canada – Emergency Medicine representative on the Specialty Committee in Emergency Medicine, Royal College of Physicians and Surgeons of Canada**  
Royal College of Physicians and Surgeons of Canada, Ottawa, Canada

2021-  
Present **Co-Developer and Facilitator: CCFP(EM) Entrustable Professional Activities**  
National Emergency Residency Directors, College of Family Physicians of Canada, Canada

2021 **Invited Expert Panel Member: Designing the Enhanced Skills Educational Prototype Workshop**  
College of Family Physicians of Canada, Canada

- 2021 **Invited Expert Accreditor Lead: External Reviewer Lead**  
McMaster University, College of Family Physicians of Canada
- 2020-  
Present **Chair: National Emergency Residency Directors Committee**  
College of Family Physicians of Canada, Canada
- 2020 **Invited Expert Panel Member: Residency Training Profile, Core Professional Activities**  
College of Family Physicians of Canada, Canada
- 2020 **Invited Expert Panel Member: Practice Eligibility Rural Input Working Group**  
College of Family Physicians of Canada, Canada
- 2019 **Invited Expert Panel Member: Outcomes of Training Project**  
College of Family Physicians of Canada, Canada
- 2017 **Invited Speaker: “Office Emergencies”**  
55<sup>th</sup> Annual Scientific Assembly, Ontario College of Family Physicians, Toronto, Canada
- 2017 **Invited Accreditation Member: External Reviewer**  
University of Alberta, College of Family Physicians of Canada, Canada
- 2014 **Invited Panelist: “How to make research succeed in your department: Promoting excellence in Canadian emergency medicine resident research”**  
Canadian Association of Emergency Physicians Conference, Ottawa, Canada
- 2013 **Invited Accreditation Member: External Reviewer**  
University of British Columbia, College of Family Physicians of Canada, Canada
- 2010-  
Present **Member: National Emergency Medicine Directors**  
College of Family Physicians of Canada, Canada
- 2008 **Invited Panelist: “Surviving Residency”**  
Canadian Association of Emergency Physicians Conference, Ottawa, Canada
- Local**
- 2022 **Presenter: Resident Transition to Practice**  
Department of Emergency Medicine retreat, Montebello, Canada
- 2017-  
Present **Invited Speaker: “Office Emergencies”**  
Annual Academic Day Teaching Department of Family Medicine, University of Ottawa, Canada
- 2019 **Invited Speaker: “Test Ordering in the ED”**  
Nurses Education Day, The Ottawa Hospital, Ottawa, Canada
- 2018 &  
2019 **Co-Developer and Facilitator: How to give Practice Orals, CCFP(EM)**  
Department of Emergency Medicine Faculty Development, University of Ottawa

- 2018 **Accreditation Chair: Internal Reviewer Survey Lead**  
Cardiac Surgery, University of Ottawa, Canada
- 2018 **Invited Speaker: “Learners in the ED”**  
Nurses Education Day, The Ottawa Hospital, Canada
- 2015 **Invited Speaker: “Direct Observations”**  
Department of Emergency Medicine retreat, Montebello, Canada
- 2015 to Present **Elected Member: Postgraduate Residency Allocation Committee**  
University of Ottawa, Canada
- 2008-2015 **Invited Guest Lecturer: “Medical Issues and Law Enforcement”**  
Invited annually to present, La Cité collégiale, Ottawa, Canada
- 2014 **Invited Speaker: How to give Practice Orals, CCFP(EM)**  
Department of Emergency Medicine retreat, Montebello, Canada
- 2014 **Invited Grand Rounds Speaker: “ACLS Update”**  
Physical Medicine and Rehabilitation, The Ottawa Hospital, Canada
- 2012 **Invited Course Instructor: ACLS instructor**  
National Capital Conference Emergency Medicine Conference, Department of Emergency Medicine, University of Ottawa
- 2011 **Accreditation Lead: Internal Reviewer Survey Lead**  
Physical Medicine and Rehabilitation, University of Ottawa, Canada
- 2010- Present **Academic Day Instructor: “How to Bill Effectively”**  
Core Annual Academic Day Session, CCFP(EM), University of Ottawa, Canada
- 2010- Present **Chair: Residency Planning Committee (RPC) CCFP(EM)**  
University of Ottawa, Canada
- 2010- Present **Chair: Canadian Resident Matching Service (CaRMS) Subcommittee, CCFP(EM)**  
University of Ottawa, Canada
- 2010- Present **Member: Education Committee**  
Department of Emergency Medicine, University of Ottawa, Canada
- 2010- Present **Member: Academic Executive**  
Department of Emergency Medicine, University of Ottawa, Canada
- 2010- Present **Member: Enhanced Skills in Family Medicine**  
Department of Family Medicine, University of Ottawa, Canada
- 2010- Present **Member: Postgraduate Residency Education Committee**  
University of Ottawa, Canada

- 2010      **Invited Speaker: “Toxicology”**  
Emergency for Emergency Physicians Conference, Department of Emergency Medicine,  
University of Ottawa, Canada
- 2009      **Invited Speaker: “Alcohol Use in the ED”**  
Department of Emergency Medicine, National Capital Conference Emergency Medicine  
Conference, University of Ottawa, Canada
- 2008-  
Present      **Lecturer: “Toxicology Review”**  
Annual Lecture 4<sup>th</sup> Year Medical Students, University of Ottawa, Canada
- 2008-  
Present      **Lecturer: “Submersion Injuries”**  
Annual Lecture 4<sup>th</sup> Year Medical Students, University of Ottawa, Canada
- 2007-  
Present      **Undergraduate Supervised Clinical Shifts Instructor**  
Department of Emergency Medicine, University of Ottawa, Canada
- 2007-2020      **ACLS Instructor**  
Department of Emergency Medicine, University of Ottawa/ The Ottawa Hospital, Canada
- 2007-2018      **Instructor: Critical Care High-Fidelity Computer Simulation (HFCS) Program**  
University of Ottawa, Canada
- 2007      **Invited Course Instructor: “Rescue Airway Techniques and Devices”**  
Emergency for Emergency Physicians Conference, Department of Emergency Medicine,  
University of Ottawa, Canada

## **OTHER PROFESSIONAL ACTIVITIES**

### **Local**

- 2021-  
Present      **Chair: The Ottawa Hospital Emergency Physician Associates Executive**  
The Ottawa Hospital, Canada
- 2020      **Emergency Department Representative: Champlain Region Health Incident  
Command, Situation Report (Sit-Rep) Team Lead**  
The Ottawa Hospital, Canada
- 2018      **Member: ED Crowding Committee, Emergency Physician Associates**  
The Ottawa Hospital, Canada
- 2015-2020      **Elected Member at Large: The Ottawa Hospital Emergency Physician Associates  
Executive**  
The Ottawa Hospital, Canada
- 2010      **On-Site Physician: “Vancouver Olympics Martial Arts Charity Event”**  
La Cité Collégiale, Ottawa, Canada

2009-2010 **Co-Chair: Pandemic Influenza A H1N1 Planning Committee**  
Department of Emergency Medicine, The Ottawa Hospital, Canada

## PUBLICATIONS

- 2022 **Nath A.**, Yadav K., Chagnon N., Cheung W.J. Competency Based Medical Education (CBME) in CCFP(EM) Programs. Can J Emerg Med (2022). [accepted for publication]
- 2021 **Nath, A.**, Cheung, W.J., Leppard, J. et al. A novel transition to practice curriculum for CCFP(EM) programs. Can J Emerg Med (2021).<https://doi.org/10.1007/s43678-020-00046-y>
- 2021 **Nath, A.**, Hunchak, C., Smith, S. et al. COVID-19 and its impact on CCFP(EM) residency training. Can J Emerg Med (2021). <https://doi.org/10.1007/s43678-021-00149-0>
- 2018 **Nath A**, Yadav K, Perry JJ. Describing CCFP(EM) programs in Canada: A national survey of program directors. CJEM. 2019 Mar;21(2):274-282. doi: 10.1017/cem.2018.374. Epub 2018 Jun 11. PMID: 29888689.
- 2015-  
Present **Nath A.** National Practice Exam, CCFP(EM). Developed and administer a National Practice Exam used across the country to provide a standardized assessment tool for CCFP(EM) candidates enrolled in a Residency Program. Currently used by all CCFP(EM) Programs across Canada.
- 2020-  
Present **Nath A.** Currently lead a national group of Program Directors, in the development of CCFP(EM) National Entrustable Professional Activities (EPAs) for use as an assessment tool in all 17 CCFP(EM) Program in Canada. [manuscript in preparation for submission in 2022]
- 2013 **Nath A.** Canadian hospital disaster preparedness: a critical appraisal of the literature on key elements of hospital disaster management and its practical implications for Canadian hospitals. Masters Thesis. London School of Hygiene and Tropical Medicine, London, England.
- 2022 Wilson G, Sharma M, Eagles D, , Nemnom MJ, Sivilotti M, Émond M, Stiell I, Stotts G, Lee J, Worster A, Morris J, Cheung K, Jin A, Oczkowski A, Sahlas D, Murray H, Mackey A, Verreault S, Camden MC, Yip S, Teal P, Gladstone D, Boulos M, Chagnon N, Shouldice E, Atzema C, Slaoui T, Teitelbaum J, Wells G, **Nath A**, and Perry J. 90 Day Stroke or TIA Recurrence in Patients Prescribed Anticoagulation in the ED with Atrial Fibrillation and a New TIA. [submitted for publication]
- 2022 Leppard J, **Nath A**, Cheung WJ. Experiences, perspectives, and advice for using virtual interviews in post-graduate trainee selection – a national survey of CCFP(EM) Program Directors. Can J Emerg Med (2022). [accepted for publication]
- 2022 Ferguson E, Yadav K, Sharma M, Sivilotti M, Émond M, Stiell I, Stotts G, Lee J, Worster A, Morris J, Cheung KW, Jin A, Sahlas D, Murray H, Mackey A, Verreault S, Camden MC,

- Yip S, Teal P, Gladstone D, Boulos M, Chagnon N, Shouldice E, Atzema C, Slaoui T, Teitelbaum J, Nemnom MJ, Wells G, **Nath A**, and Perry J. Prospective Validation of Computed Tomography to Identify Patients at High Risk for Stroke After TIA or Minor Stroke. *Stroke* (2022). [accepted for publication]
- 2022 Yadav K, Kumar S, Chhabra S, Rosenberg H, Eagles D, Suh KN, Ohle R, **Nath A**, Thavorn K. Outpatient parenteral antibiotic therapy (OPAT) and inpatient treatment strategies for emergency department patients with cellulitis: a cost analysis. *Can J Emerg Med*. Published online June 2022. doi:10.1007/s43678-022-00320-1.
- 2022 Murray N, Yadav K, Daoust R, Eagles D, James D, **Nath A**, Halil R, Zayed M. Emergency Department Opioid Discharge Instructions: A Multidisciplinary National Delphi Study. *Can J Emerg Med*. [accepted for publication]
- 2021 Leppard J, **Nath A**, Cheung WJ. Resident recruitment in the COVID-19 era: factors influencing program ranking by residents applying to a family medicine-emergency medicine training program. *CJEM*. 2021 Aug 26:1–5. doi: 10.1007/s43678-021-00177-w. Epub ahead of print. PMID: 34436744; PMCID: PMC8390012.
- 2021 Rosenberg H, **Nath A**, Thiruganasambandamoorthy V. Just the facts: how to assess a patient presenting to the emergency department with syncope. *CJEM*. 2021 Mar 10. doi: 10.1007/s43678-021-00095-x. Epub ahead of print. PMID: 33689119.
- 2021 Viau JA, Patel D, Cheng W, Cortel-LeBlanc M, **Nath A**, Perry JJ. Sodium Valproate Versus Dopamine Antagonists for Acute Migraine in the Emergency Department: A Systematic Review. *Can J Neurol Sci*. 2021 Aug 12:1-8. doi: 10.1017/cjn.2021.195. Epub ahead of print. PMID: 34382533.
- 2020 Rosenberg H, **Nath A**, Leppard J, Syed S. New challenges and mitigation strategies for resident selection during the coronavirus disease pandemic. *CJEM*. 2020 Nov;22(6):E14. doi: 10.1017/cem.2020.454. PMID: 32693851; PMCID: PMC7431839.
- 2019 Yadav K, **Nath A**, Suh KN, Sikora L, Eagles D. Treatment failure definitions for non-purulent skin and soft tissue infections: a systematic review. *Infection*. 2020 Feb;48(1):75-83. doi: 10.1007/s15010-019-01347-w. Epub 2019 Aug 5. PMID: 31378847.
- 2015-2017 Co-supervisor: Dr. Amanda Collier, FRCPC-PGY2, University of Ottawa.  
Project Title: Appropriate ED diagnostic tests for patients presenting with fever in the returning traveller (unpublished).

## **ABSTRACTS**

- 2022 **Nath A**, Yadav K, Chagnon N, Cheung W. Competency Based Medical Education in CCFP(EM) Programs. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Canada, Quebec City. Conference Date: May 2022. [Role: First Author]
- 2021 **Nath A**, Cheung W, Leppard J, Perry J. A novel transition to practice curriculum for CCFP(EM) programs. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Winnipeg, MB, Canada. June 2021 [Virtual due to Covid-



- 19]. CAEP/ACMU 2021 Scientific Abstracts. *Can J Emerg Med* 23:S69. <https://doi.org/10.1007/s43678-021-00138-3> [Role: First Author]
- 2021 **Nath A**, Cheung W, Leppard J, Perry J. A novel transition to practice curriculum for CCFP(EM) programs. Family Medicine Forum, Toronto, ON, Canada. Nov 2021 [Virtual due to Covid-19]. <https://fmf.cfpc.ca/wp-content/uploads/2021/11/FMF-2021-Poster-Program-English-Nov-8.pdf> [Role: First Author]
- 2018 **Nath, A**, Yadav K, Perry, J (2018). LO40: Describing CCFP(EM) programs in Canada: a national survey of program directors. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting . CJEM. 20. S20-S21. 10.1017/cem.2018.102. [https://caep.ca/periodicals/Volume\\_21\\_Issue\\_2/Vol\\_21\\_Issue\\_2\\_Page\\_274\\_-\\_282\\_Nath.pdf](https://caep.ca/periodicals/Volume_21_Issue_2/Vol_21_Issue_2_Page_274_-_282_Nath.pdf) [Role: First Author]
- 2008 Frank JR, **Nath A**, Lee AC, Elder B. The effectiveness of an innovative EM curriculum for offservice junior residents. Presented at the Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Ottawa, ON, Canada. May 2008. CJEM 2008;10(3),284. [Role: Lead Resident Research Project]
- 2022 Murray N, Yadav K, Daoust R, Eagles D, James D, **Nath A**, Halil R, Zayed M. Emergency Department Opioid Discharge Instructions: A Multidisciplinary National Delphi Study. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting [accepted abstract presentation] [Role: Co-Author]
- 2022 Murray N, Yadav K, Daoust R, Eagles D, James D, **Nath A**, Halil R, Zayed M. Emergency Department Opioid Discharge Instructions: A Multidisciplinary National Delphi Study. Society for Academic Emergency Medicine. [accepted abstract presentation] [Role: Co-Author]
- 2021 Viau J, Patel D, Cheng W, Cortel M, **Nath A**, Perry J. Sodium valproate compared to dopamine antagonists for the management of acute episodic migraine headache: a systematic review and meta-analysis. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Winnipeg, MB, Canada. June 2021 [Virtual due to Covid-19]. CAEP/ACMU 2021 Scientific Abstracts. *Can J Emerg Med* 23:S45 [Role: Co-Author]
- 2021 Yadav K, Thavorn K, Kumar S, Chhabra S, Rosenberg H, **Nath A**, Ohle R, Suh K, Eagles D. Cost analysis of outpatient parenteral antibiotic therapy (OPAT) and inpatient treatment strategies for emergency department patients with cellulitis. Canadian Association of Emergency Physicians (CAEP) Annual Scientific Meeting, Winnipeg, MB, Canada. June 2021 [Virtual due to Covid-19]. CAEP/ACMU 2021 Scientific Abstracts. *Can J Emerg Med* 23:S37. [Role: Co-Author]
- 2016 Collier, A., Perry, J., & **Nath, A**. (2016). LO072: Fever in the returning traveller: A systematic review and critical appraisal of existing clinical practice guidelines and approaches to returning travellers presenting with fever. CJEM, 18(S1), S54-S55. [Role: Co-Supervisor]

## Resident Research Projects

Murray N, Yadav K, Daoust R, Eagles D, James D, **Nath A**, Halil R, Zayed M. Emergency Department Opioid Discharge Instructions: A Multidisciplinary National Delphi Study. Society. Department of Emergency Medicine Research Day. Ottawa, ON 2016 [*Role: Primary faculty supervisor*]

Erak M, **Nath A**, Eagles D. Health Records Review of Geriatric Patients Presenting With Abdominal Pain to The Ottawa Hospital. Department of Emergency Medicine Research Day. Ottawa, ON 2016 [*Role: Primary faculty supervisor*]

Collier A, **Nath A**, Perry J. Appropriate ED Diagnostic Tests for Patients Presenting with Fever in the Returning Traveller. Department of Emergency Medicine Research Day. Ottawa, ON 2015 [*Role: Primary faculty supervisor*]

Krishnan K, **Nath A**, Sheikh H, Thiruganasambandamoorthy V. Diagnostic Accuracy of Chest Radiograph Interpretation by Emergency Physicians. Department of Emergency Medicine Research Day. Ottawa, ON 2013 [*Role: Primary faculty supervisor*]

Hostland S, **Nath A**, Stiell I. Are We Ordering Malaria Smears and Treatment Appropriately in the Emergency Departments? Department of Emergency Medicine Research Day. Ottawa, ON 2012 [*Role: Primary faculty supervisor*]

## SCHOLARLY AND PROFESSIONAL ACTIVITIES

### Mentorship:

2014-2020 Dr. N. Prudhomme (FRCPC)  
2011-2015 Dr. K. Yadav (FRCPC)  
2009-2010 Dr. S. Khalid (CCFP-EM)  
2008-2009 Dr. H. Rosenberg (CCFP-EM)

### CERTIFICATIONS

2011 Emergency Department Echo ("EDE" 2) Course  
2007 Emergency Medicine Ultrasound Training Independent Provider Certification, Dept. of Emergency Medicine, The Ottawa Hospital  
2007 Provider ACLS, The Ottawa Hospital  
2006 ATLS, The Ottawa Hospital  
2006 Onboard Medical Emergencies, McGill University, Montreal  
2006 Neonatal Resuscitation Program, Children's Hospital of Eastern Ontario, Ottawa (CHEO)  
2004 ACLS The Ottawa Hospital

### CME

2019 Physician Manager Institute (PLI) course, Leading Change

- 2019 Understanding Wellness, Accommodations, Human Rights and Legal Implications in Residency Training, Postgraduate Medical Education, University of Ottawa
- 2017 Physician Manager Institute (PLI) course, Dollars and Sense
- 2017 Non-Violent Crises Intervention, Ottawa Hospital
- 2015 Physician Manager Institute (PMI) course, Managing People
- 2014 Essential Teaching Skills 2 (ETS2): Supporting the Learner in Difficulty, Department of Family Medicine, University of Ottawa
- 2011 Physician Manager Institute (PMI) course – Engaging Others
- 2010 Crucial Conversations
- 2010 Eagle's Flight Disruptive Behavior Interactive Module
- 2009 PowerPoint Presentation Development, University of Ottawa
- 2008 Clinical Evaluation: Observation, Issue Identification and Articulation, University of Ottawa
- 2008 Mini Symposium: Risk Management, Canadian Medical Protective Association
- 2006 Society of Rural Physicians of Canada Conference, Montreal, May 2006

## PROFESSIONAL DEVELOPMENT

### University of Ottawa:

- 2022 Thoracotomy Lab, Department of Emergency Medicine
- 2022 Advanced Ultrasound, Department of Emergency Medicine
- 2021 Virtual Faculty Retreat, Department of Emergency Medicine
- 2021 Billing CPD - K Codes and Procedure Codes, Department of Emergency Medicine
- 2021 An Introduction to Equity-Informed Practice in the ED, Department of Emergency Medicine
- 2020 Taking Cardiac POCUS to the Next Level, Department of Emergency Medicine
- 2020 High Fidelity In Situ Simulation: Central Lines (Arterial / Venous) and Transvenous Pacers, Department of Emergency Medicine
- 2020 High Fidelity In Situ Simulation: Pigtailed, Chest Tubes, Pericardiocentesis, Department of Emergency Medicine
- 2020 Ocular Emergencies & Pearls for Management at the ED, Department of Emergency Medicine
- 2020 Low Fidelity In Situ COVID Simulation, Department of Emergency Medicine
- 2020 Microsoft Teams Tutorial, Department of Emergency Medicine
- 2020 Optimizing Resuscitation Billings during COVID, Department of Emergency Medicine
- 2019 Department of Emergency Faculty Retreat, Department of Emergency Medicine
- 2019 High-Fidelity Simulation - Peds / Neonates. Department of Emergency Medicine
- 2019 High-Fidelity Simulation, Ventilators. Department of Emergency Medicine
- 2018 STI: Beyond Rule Out Fracture, Department of Emergency Medicine
- 2018 Rashes not to be missed, Department of Emergency Medicine
- 2018 High-Fidelity Simulation, Obstetrical Emergencies, Department of Emergency Medicine
- 2018 High-Fidelity Simulation, Emergency Procedures, Department of Emergency Medicine
- 2017 High-Fidelity Simulation, Airway Emergencies, Department of Emergency Medicine
- 2017 High-Fidelity Simulation. Department of Emergency Medicine
- 2015 Thoracotomy Lab, Department of Emergency Medicine
- 2015 Children's Hospital of Eastern Ontario (CHEO) Outreach Day
- 2013 Children's Hospital of Eastern Ontario (CHEO) Outreach Day
- 2008 Pigtail Catheter Insertion, Department of Emergency Medicine
- 2008 CT Head Review, Department of Emergency Medicine

2008 Nasopharyngeal Scope Workshop, Department of Emergency Medicine  
2007 Weekly Grand Rounds, Department of Emergency Medicine  
Present  
2007- Monthly M and M Rounds, Department of Emergency Medicine  
Present