

Board of Directors Nominations : Entry # 1319**Name**

Dr. Michael-Alice Moga

Credentials

MD, MSc, MBA

Institution

The Hospital for Sick Children/University of Toronto

Emailmichael-alice.moga@sickkids.ca**Mobile Phone**

1-647-281-6141

Biography (1000 character limit)

Dr. Michael-Alice Moga is a double-boarded cardiac intensivist at the Hospital for Sick Children and Associate Professor of Pediatrics at the University of Toronto. She trained in both the US and Canada, including a Masters in Healthcare Quality and Patient Safety (Northwestern University) and a Global Executive MBA-Healthcare and Life Sciences (Rotman School of Management). Dr. Moga is dedicated to advancing healthcare delivery by empowering frontline workers and unlocking often-unheard voices to solve age-old problems with practical solutions that make patients safer and families healthier. Partnering research and discovery with both traditional and creative problem-solving methodologies, she seeks to set into action scalable solutions previously thought impossible to implement. This approach has led to local, national and international engagement in a variety of forums to continue to empower frontline workers and produce unprecedented value for the communities we serve.

How Do You Envision Advancing PCICS as a Member of the Board of Directors?(1000 character limit)

As PCICS grows and evolves, we must constantly re-examine our ability to meet the changing needs of our profession, members and the communities we serve. As a Board member, I would work to ensure PCICS continues to not just survive, but also thrives. Drawing on my experience leading diverse, cross-functional teams and knowledge of agile work and creative ideation, I would challenge "work as done", creating a new status quo of nimble, effective, inclusive teams. Second, my background in governance, marketing and business strategy would be valuable additions as a co-member on the PCICS Foundation Board of Trustees. Third, focus on member support to achieve their definition of success, both traditional and non-traditional, is key to a resilient and successful society. Lastly, I believe the Board serves the PCICS community; hence, developing programs with, not for, members via consistent feedback and engagement will ensure our society's vision and mission are more than words on paper.

Previous Contributions to PCICS (1000 character limit)

Board of Directors Nominations : Entry # 1319

- Committees
 - o Quality Committee (2015-2019)
 - o Quality and Safety Committee (2019-2022, co-chair, 2019-2020)
 - o PCICS Finance Committee & PCICF subcommittee (2022-)
 - o Program Committee (2020 & 2022)
- Content
 - o Workshops
 - QI Crash Course (co-creator, 2018)
 - ECMO Basics for the IP Team. (co-creator, Pediatric Cardiac Society of India, PCICS & HeartLink. 2019)
 - o Publications
 - McBride ME, Su L, Moga MA, Jain PN, Erkonen GE, Brown KM, Bavare A, Bastero P, Allan C. Simulation Curriculum. In Curriculum for Pediatric Cardiac Critical Care-Physician Simulation. Bronicki RA, et al . 1st Ed, 2016.
 - Section Editor. The Pediatric Cardiac Intensive Care Handbook. Jones M, Klugman D, Fitzgerald R, Kohr LM, Costello JC, Berger JT, Bronicki R. 1st and 2nd Eds.
 - o Invited lectures, panels, moderator at annual meetings (n=7)
- Mentorship
 - o Feedback Podcast. 2021
 - o Early Career SIG. Careers “off the beaten path”. 2022
 - o Strategic lead, PCICS AWE (Alliance for Women's Empowerment)

Please upload the Nominee's CV here:

- [Moga-M-A-PCICS-Resume-June-2022.docx](#)

Please upload the Nominee's headshot here:

- [Headshot-HSC.png](#)

Notes**Admin Notification (ID: 5f0477b61b998)**

added June 23, 2022 at 12:18 pm

WordPress successfully passed the notification email to the sending server.

Michael-Alice Moga, MD, MSc, MBA

1-647-281-6141 (cell)

Michaelalice.moga@utoronto.ca

LinkedIn: michael-alice-moga

Empowering Leader • Healthcare Quality and Patient Safety Expert • Pediatric Cardiac Intensivist

I am dedicated to advancing healthcare delivery by creating practical solutions that make patient lives safer and healthier. I partner research and discovery with traditional and creative thinking to solve healthcare's toughest challenges and set into action scalable solutions previously thought impossible to implement.

I work closely with diverse roles across the organization to optimize individual and team performance while creating systems that make "work as done" easier and safer. I empower and enable often-unheard voices and unique partnerships who can unlock age-old problems in new ways. Armed with a deep understanding of institutional healthcare, policy, QI and safety sciences, agile ideation and business strategy, I guide teams to redefine the status quo, improve performance and accelerate positive impact. This approach has led to local, national and international engagement in a variety of forums to continue to empower frontline workers and produce unprecedented value for the communities we serve.

SIGNATURE COMPETENCIES

- Interprofessional Program Development
- Healthcare Strategy
- Critical Event Analysis & Debriefing
- Systems Assessment and Quality Improvement
- Risk Mitigation
- Data Utilization and Visualization
- Change Management & Implementation
- Design Thinking & Agile Work Methods

EDUCATION, CERTIFICATIONS & PROFESSIONAL DEVELOPMENT

Global Executive MBA for Healthcare and the Life Sciences, 2021 (Dean's List, Bregman Scholar-Top 10%)
Rotman School of Management, University of Toronto, Toronto, Ontario

Masters of Science-Healthcare Quality and Patient Safety, 2015
Northwestern University, Chicago, Illinois

Medical Doctor (MD), 2002
Mayo Medical School, Rochester, Minnesota

Bachelor of Arts-Behavioral Biology, 1997 (Honors, Dean's List, Phi Beta Kappa, Golden Key)
The Johns Hopkins University, Baltimore, Maryland

Certifications

Gender Analytics: Gender Equity Through Inclusive Design, 2022
Gender and the Economy (GATE), Rotman School of Management. Coursera online.

Equity, Diversity and Inclusion Champion, 2022
Hospital for Sick Children, Toronto, Ontario

ASPIRE (Advancing Safety for Patients In Residency Education), 2019
Royal College of Physicians and Surgeons of Canada & the Canadian Patient Safety Institute, Ottawa, Ontario

Design Thinking, 2017
ExperiencePoint and IDEO, Toronto, Ontario

GRADUATE MEDICAL EDUCATION & POSTDOCTORAL RESEARCH TRAINING

Cardiovascular Medicine (Hosinec Research Fellowship), 2012

The Hospital for Sick Children, Toronto, Ontario

Pediatric Critical Care Medicine, 2010

The Hospital for Sick Children, Toronto, Ontario

Pediatric Cardiology, 2008

Cincinnati Children's Hospital Medical Center, Cincinnati, Ohio

General Pediatrics-Internship and Residency, 2005

Massachusetts General Hospital, Boston, Massachusetts

BOARD CERTIFICATION AND ACTIVE MEDICAL LICENSURE

Current Board Certification

- Pediatric Critical Care Medicine, American Board of Pediatrics
- Pediatric Cardiology, American Board of Pediatrics
- General Pediatrics, American Board of Pediatrics

Active Medical Licensure

- **Ontario, Canada** (Academic license #89244)
- **Ohio, USA** (#86776)

PROFESSIONAL CAREER-HOSPITAL APPOINTMENTS

Staff Physician-Division of Cardiac Critical Care, Dept of Critical Care Medicine 2015 - Present
The Hospital for Sick Children

Current Core Portfolio (please see subsequent sections for details)

- **Quality and Safety:** Divisional Director and Departmental co-director, Hospital M&M Chair, Hospital SSE Committee, PC4 clinical champion, Caring Safely-CAUTI HAC medical lead
- **Resuscitation:** Critical Care Resuscitation program- Founder and Director, Hospital Resuscitation Oversight Committee co-lead and chair-Outcomes and Quality sub-committee, Acute Critical Event Debriefing (ACED) program-Founder and lead
- **Translational Simulation:** Founder and Faculty Lead-Translational Simulation and Immersive Reality Program
- **Extracorporeal Life Support:** Education director, Executive Steering Committee and QI Review Board
- **Data and Informatics:** Labatt Family Heart Center Strategic Lead-Performance Rounds and Institutional Memory Project, AI in Medicine (AIM) Integration Steering Committee

Past Appointments:

Attending Physician-Divisions of Cardiology and Critical Care Medicine 2012-2015
Ann & Hobert H Lurie Children's Hospital of Chicago

PROFESSIONAL CAREER-ACADEMIC APPOINTMENTS

- Associate Professor of Pediatrics and Critical Care Medicine, University of Toronto School of Medicine, Toronto, Ontario (2022)

CURRENT COMMITTEE SERVICE

International

- Pediatric Cardiac Intensive Care Society (PCICS)
 - Quality Improvement and Safety Committee (immediate past co-chair)
 - 2022 Program Committee
 - Alliance for Women's Empowerment (AWE)-Director
 - Finance Committee and Foundation sub-committee

Hospital-based

- Serious Safety Event (SSE) Committee
- Hospital M&M (co-chair)
- Resuscitation Oversight Committee (Medical Associate Director, Chair-QI/outcomes subcommittee)
- Code Blue M&M
- Labatt Family Heart Center-Institutional Memory Project (Strategic Lead)
- Labatt Family Heart Center Informatics Committee
- AIM (AI in Medicine), Integration Steering Committee

Departmental (Critical Care Medicine)

- Finance Committee
- Quality and Safety Committee (Co-Chair)
- ECLS: Education Committee (Chair), Executive Steering Committee, Process Improvement Committee
- Translational Simulation and Immersive Reality Steering Committee (Chair)
- Cardiac Arrest Review (immediate past-chair)

PRIOR LEADERSHP

- Critical Care Risk and Safety Committee (Chair, 2016-2019)
- Project Horizon (Physician co-lead, 2016-2019)
- Pediatric Cardiac Critical Care Consortium (PC4)
 - Organizational Clinical Champion (2015-2021)
 - Scientific Review Committee (2017-2021)
 - Quality Committee (2018-2021)

PROFESSIONAL & SCIENTIFIC SERVICE

- Manuscript Review: Critical Care Medicine, Pediatric Cardiology, Cardiology in the Young, World Journal of Pediatric Cardiology and Cardiac Surgery, BMJ Open-Quality
- Conference Organizing Committees (last 5 years)
 - Local:
 - PRACTICAL Symposium-Fragility in Critical Care
 - SickKids Resuscitation Week-Scientific & Quality Symposium
 - SickKids Caring Safety symposium 2021
 - International
 - Risky Business: Embracing Uncertainty. Risk, performance, teams and leadership in healthcare.
 - PCICS 2020 & 2022 International Meetings
 - World PICU Awareness Week 2022 (WFPICCS-North American Committee)
- Scientific Review: AHA Guidelines for CPR and ECC-International Consensus on CPR and ECC Science with Treatment Recommendations
- Expert Consultant-Leader Domain. College of Physicians and Surgeons of Canada-CanMEDS and Faculty Development Unit.
- Core Faculty (Strategy). The Congenital Heart Surgeons Society Data Institute, The Hospital for Sick Children and The Cleveland Clinic (core sites).

PROFESSIONAL SOCIETY MEMBERSHIPS

- Mayo Clinic Alumni Association
- Rotman School of Management Alumni Association
- Pediatric Cardiac Intensive Care Society
- Society for Simulation of Healthcare
- Human Factors and Ergonomics Society
- International Pediatric Simulation Society
- American Academy of Pediatrics

FUNDED RESEARCH INCLUDING GRANTS/CONTRACTS (CURRENT)

Industry Partnership. Myant. *Biometric monitoring with textiles in pediatric patients.* Principle Investigators: Dr Aamir Jeewa, Dr. Michael-Alice Moga.

Role: Co-PI

Amount: \$55,000 CAD/yr. Term: life of project, anticipated 2years

Heart and Stroke Foundation. Grant-in-Aid. *Discovery of blood biomarkers associated with neuroprotection with iNO: A pilot randomized controlled trial in adults and children.* Principal Investigators: Dr. Jamie Hutchison, Dr. John Granton.

Role: Co-investigator, site PI

Industry Partner: INOMax

Amount: \$273,619 CAD. Term: May 1, 2019-May 1, 2023.

Canadian Institutes of Health Research, Operating Grant. Collaborative Health Research Projects (NSERC Partnered) Application Number: RN00376046.

Utilizing high resolution physiological data and artificial intelligence to develop a pediatric cardiac arrest prediction tool for integration into bedside clinical practice. Principal Investigators: Dr Peter Laussen, Dr. Anna Goldenberg.

Role: Co-Investigator.

Amount: \$681,189 CAD. Term: April 1, 2019-April 1, 2023.

SCHOLARLY BIBLIOGRAPHY (5 YEARS)

PEER-REVIEWED RESEARCH ARTICLES

1. Dahan M*, Lirette MP*, Campbell D, Moga MA. Have You ACED It? **How to Successfully Implement Performance-Oriented, Acute Critical Event Debriefing.** *Pediatric and Child Health*-Accepted.

2. Nield LE, Morgan CT, Diab S, Vera MA, Runeckles K, Friedberg MK, Dragelescu A, Honjo O, Taylor K, **Moga MA**, Manlhiot C, Miner SES, Mertens L. Prospective Assessment of Coronary Artery Flows Before and After Cardiopulmonary Bypass in Children With a Spectrum of Congenital Heart Disease. *CJC Pediatric and Congenital Heart Disease*. Online 13 May 2022.
3. Erez E*, Mazwi ML, Marquez AM, Moga MA, Eytan D. **Hemodynamic Patterns Before In-hospital Cardiac Arrest in Critically Ill Children: An Exploratory Study**. *Crit Care Explor*. 2021 Jun 14;3(6):e0443
4. DeWitt AG, Rossano JW, Bailly DK, Bhat PN Chanani, NK, Kirkland BW, **Moga MA**, Owens GE, Retzliff LB, Zhang W, Banerjee M, Costarino AT, Bird GL, Gaies M. **Predicting and Surviving Prolonged Critical Illness After Congenital Heart Surgery**. *Critical Care Medicine*: July 2020; 48(7): 557-564.
5. DiPietro LM, Gaies M, Banerjee M, Donohue JE, Zhang W, DeSena HC, Graham EM, Sasaki J, **Moga MA**, Prodhon P, Goldstein SL, Tabbutt S, Cooper DS. Central Venous **Catheter Utilization and Complications in the Pediatric Cardiac ICU: A Report from the Pediatric Cardiac Critical Care Consortium (PC4)**. 2020 Mar 11;21(8): 729-37.
6. Bates KE, Connor J, Chanani NK, McLellan MC, McCormick A, Smith-Parrish M, **Moga MA**. **Quality improvement basics: A crash course for pediatric cardiac care**. *World J Pediatr Congenit Heart Surg*. 2019 Nov 30;10(6):733-741.
7. Laussen PC, Assadi A, **Moga MA**, MacLaren G. **Challenges for cardiopulmonary resuscitation in infants and children with cardiac disease in the perioperative setting**. *J Cardiothorac Vasc Anesth*. 2019 Oct; 33(10):2618-2621.
8. McHugh KE, Mahle WT, Hall MA, Schuerer MA, **Moga MA**, Triedman J, Nicolson SC, Amula V, Cooper DS, Schamberger M, Wolf M, Shekerdemian L, Burns KM, Ash KE, Hipp DM, Pasquali SK, Pediatric Heart Network Investigators. **Hospital costs related to early extubation after infant cardiac surgery**. *Ann Thorac Surg*. 2019 May;107(5):1421-1426
9. Parshuram CS, Dryden-Palmer K, Farrell C, Gottesman R, Gray M, Hutchison JS, Helfaer M, Hunt EA, Joffe AR, Lacroix J, **Moga MA**, Nadkarni V, Ninis N, Parkin PC, Wensley D, Willan AR, Tomlinson GA, Canadian Critical Care Trials Group and the EPOCH Investigators. **Effect of a Pediatric Early Warning System on all-cause mortality in hospitalized pediatric patients: The EPOCH randomized clinical trial**. *JAMA*. 2018 Mar 13; 319(10):1002-1012.
10. McBride ME, Schinasi DA, **Moga MA**, Tripathy S, Calhoun A. **Death of a simulated pediatric patient: Toward a more robust theoretical framework**. *Simulation in Healthcare: Journal of the Society for Simulation in Healthcare* 2017 Dec;12(6):393-401.
11. Meza J, Jaquiss R, Anderson B, **Moga MA**, Kirklin J, Sarris G, Williams W, McCrindle B. **Current practices in the timing of Stage-2-Palliation: A survey of the CHSS and ECHSA**. *World J Pediatr Congenit Heart Surg*. 2017 Mar; 8(2):135-141.

REVIEWS, CHAPTERS, EDITORIALS

1. Section Editor. **Moga MA** and Floh A. Chapter 9: **Single ventricle pre-op physiology and neonatal palliation**. In: *The Pediatric Cardiac Intensive Care Handbook*. Jones M, Klugman D, Fitzgerald R, Kohr LM, Costello JC, Berger JT, Bronicki R. 2nd Edition. Washington, DC; 2020.
2. Han P, **Moga MA**, Fitzpatrick K, Brediger S, Allan C. **Innovations and Options for ECMO Simulation**. In *Comprehensive Healthcare Simulation: ECMO Simulation*. Su & Johnstone (Eds). 2020.
3. **Moga MA**, Nguyen N, Mazwi ML, Costello JM. **Pharmacological manipulation of peripheral vascular resistance in special clinical situations after pediatric cardiac surgery**. *Current Vascular Pharm*, 2016, 14(1): 63-72.

ABSTRACTS

1. Burdick M, Zhang M, **Moga MA**, Mazwi ML, Chevalier F, Gray SB. Development of a Data Visualization Tool to Provide Novel Insights into Cardiopulmonary Resuscitation Quality. *WFPICCS (Virtual) and Pediatric Critical Care Medicine Journal*. 2022.
2. Weatherhead A, Tonekaboni S, **Moga MA**, Mazwi ML, Goldenberg A. Learning Unsupervised Representations for ICU Timeseries. Conference on Health, Inference and Learning (CHIL). 2022. Virtual.
3. Marquez A*, Vargas-Gutierrez M, Todd M, Goco G, **Moga MA**, Floh A, Honjo O, Haller C, Guerguerian AM. Central Cannulation During Pediatric Resuscitation in Faster Than Peripheral Approaches. Resuscitation Science Sessions at the American Heart Association Scientific Sessions. 2021.
4. Lirette MP*, Dahan M*, Pisesky A*, Fayyaz J, Campbell DM, McBride ME, **Moga MA**. ACED It! Acute Critical Event Debriefing to Improve Performance and Patient Safety. International Pediatric Simulation Society Virtual (IPSSV). 2021
5. Muhame RM*, Honjo O, Haller C, Mazwi M, **Moga MA**. The Labatt Family Heart Center Institutional Memory Project: Better Decisions with Data. Interdepartmental Division of Critical Care Medicine Virtual Art Slutsky Research Day. 2021.
6. Muhame RM*, Honjo O, Haller C, Mazwi M, **Moga MA**. The Labatt Family Heart Center Institutional Memory Project: Better Decisions with Data. Perioperative Services Trainee Research Competition. The Hospital for Sick Children. 2021.
7. Healthy Advertising: Ethics at the Intersection of Simulation and Social Media. Helters A, **Moga MA**, Kirsch R. *The 12th International Pediatric Simulation Symposia and Workshops*. 2020. Award for best oral abstract.
8. Sequeira K, Huang L, Charendoff L, Wagman D, Davison L, **Moga MA**. Behind the Curtain: Using Simulation to Create Public Awareness of Healthcare Challenges. *The 12th International Pediatric Simulation Society Symposia and Workshops*. 2020.
9. Dahan M, Lirette MP, Annich G, **Moga MA**. The “Hotwash”: A structured tool to facilitate performance and systems debriefing following in-hospital resuscitation. *11th International Pediatric Simulation Society Symposia and Workshops*. 2019
10. **Moga MA**, Correia R, Dodds A, Muttalib F, Nicoll J, Zaulan O for The Immersive Reality Program. Immersive Reality: Improving Resuscitation Performance Using Inter-professional, In-Situ Simulation. *10th Annual International Pediatric Simulation Society Symposia and Workshops*. 2018.
11. Nicoll J, Frndova H, Dryden-Palmer K, **Moga MA**, Parshuram C. Medical Fragility and Inpatient Mortality in a Quaternary Care Pediatric ICU. *Critical Care Canada Forum*. 2018.
12. **Moga MA**, Davidson L, Dodds A, Nicoll J, Muttalib F, Zaulan O, for The Immersive Reality Program. Immersive Reality: Practice for Performance in Team Resuscitation. *Resuscitation in Motion*. 2018.
13. DeWitt AG, Rossano JW, Bailly DK, Bhat PN, Chanani NK, Kirkland BW, **Moga MA**, Owens GE, Retzliff LB, Zhang W, Banerjee M, Costarino AT, Bird GL, Gaies M. Modifiable factors predict mortality after prolonged critical illness following congenital heart surgery. *American College of Cardiology International Meeting*. 2018
14. McHugh KE, Mahle WT, Hall M, Scheurer MA, **Moga MA**, Triedman JK, Nicolson SC, Amula V, Cooper DS, Schamberger MS, Wolf M, Shekerdemian LS, Burns KM, Ash K, Hipp DM, Pasquali SK. Impact of an Early Extubation Clinical Practice Guideline on Hospital Costs in Infants Undergoing Cardiac Surgery: Results From the Pediatric Heart Network Collaborative Learning Study. *AHA Scientific Sessions*. 2017.
15. Parshuram CS, Dryden-Palmer K, Farrell C, Gottesman R, Gray M, Hutchison JS, Halfaer M, Hunt EA, Joffe A, Lacroix J, **Moga MA**, Nadkarni V, Ninis N, Parkin P, Wensley D, Willan AR. Bedside PEWS in Hospitals With and Without ExtraCorporeal Membrane Oxygenator Therapy: Planned Sub-Group Analysis of a Cluster Randomized Trial. *ResS Poster Session-AHA Scientific Sessions*. 2017.
16. Parshuram CS, Dryden-Palmer K, Farrell C, Gottesman R, Gray M, Hutchison JS, Halfaer M, Hunt EA, Joffe A, Lacroix J, **Moga MA**, Nadkarni V, Ninis N, Parkin P, Wensley D, Willan AR. Rapid Response Teams and Bedside

- PEWS: Planned Subgroup Analysis of a Cluster Randomized Trial. ReSS Poster Session-*AHA Scientific Sessions*. 2017.
17. DeWitt AG, Rossano JW, Bailly DK, Bhat PN, Chanani NK, Kirkland BW, **Moga MA**, Owens GE, Retzliff LB, Zhang W, Banerjee M, Costarino AT, Bird JL, Gaies M. Risk-Adjusted Incidence of Prolonged Postoperative Critical Care Varies Widely Across Congenital Heart Surgery Centers. Abstract Oral Session-*AHA Scientific Sessions*. 2017.
 18. Lirette MP, Dahan M, **Moga MA**. Call a code: Utilization, Performance and Errors of a Hospital-Based Code Blue System. Oral platform. *American Academy of Pediatrics National Conference*. 2017.
 19. Poster. Rassameehirun C, Zoica B, Annich G, **Moga MA**. When the code blue is real: Outcomes and characteristics on non-ICU cardiac arrests attended by a Critical Care Response Team (CCRT). *Art Slutsky Research Day, Interdepartmental Division of Critical Care Medicine, University of Toronto*. 2017.
 20. **Moga MA** and Su L. “Hot Debriefing after Resuscitations in a Pediatric Cardiac Intensive Care Unit”, Human Factors and Ergonomics in Health Care, New Orleans, LA, USA. 2017.

INVITED PRESENTATIONS (5YRS)

- 2022 *Session Designer and Moderator. Complex Medical Decisionmaking. PCICS International Annual Meeting, Miami, FL. Presenters: Steadman P, Salloo, A, Catchpole K, Gephardt K.*
- 2022 *Invited Lecture and Panelist. Do You Really Need More Training-Getting an MCQI. AHA Scientific Sessions, Chicago, IL.*
- 2022 *Invited Presentation. Lirette MP*, Kerrigan K*, Pisesky A*, McCormick A, Moga MA. ACED (Acute Critical Event Debriefing)-An Organizational Approach to Performance. Hospital M&M Committee. The Hospital for Sick Children, Ontario, Canada.*
- 2022 *Educational Workshop. 3 Birds With 1 Stone: Multi-lens Simulation to Optimize Value. International Pediatric Simulation Society, Jacksonville, FL, USA.*
- 2022 *Invited Panelist. Career paths “off the beaten path.” Junior Faculty and Fellow Special Interest Group, Pediatric Cardiac Intensive Care Society. Virtual.*
- 2021 *Lynch A*, Moga MA, Moineau S and Jeewa A. Biometric Monitoring with Textiles in Pediatric Patients. Department of Critical Care Medicine Discovery Rounds, Hospital for Sick Children.*
- 2021 *Invited Panelist. Feedback Best Practices. Junior Faculty and Fellow Special Interest Group, Pediatric Cardiac Intensive Care Society.*
- 2021 *Invited lecture. Understanding CICU Performance via Risk-Adjusted Comparisons: Where Are We? Pediatric Cardiac Intensive Care Society 25th International Meeting (virtual).*
- 2021 *Invited Lecture and Panelist. Quality and safety in pediatric and congenital heart surgery: what does it take to be really safe? 47th Congress of the Brazilian Society of Cardiovascular Surgery. Virtual.*
- 2021 *Invited podcast. Feedback in Cardiac Critical Care-Understanding Humanness. PCICS.*
- 2021 *Invited lecture. Have You ACED It? Debriefing to Improve Performance and Safety. St. Joseph Hospital Pediatric Grand Rounds, Toronto, Canada.*
- 2020 *Moderator and session designer. CICU-CVS Real Talk: Conflict is Inevitable, Combat Is Optional. Presenters: Rosen D, Waller M, Steadman P. PCICS International Annual Meeting. Virtual.*
- 2020 *Invited Panelist. Teaching, Simulation and Patient Safety. PCICS International Annual Meeting. Virtual.*
- 2020 *Invited lecture. “Congenital Hearts.” Pediatric Tract - VA ECMO Session, 7th Annual SWAAC ELSO Conference, Johannesburg, South Africa.*
- 2020 *Invited lecture. Safety I/II and III (Culture). Department of Pathology and Laboratory Medicine Grand Rounds, The Hospital for Sick Children, Toronto.*
- 2020 *Invited webinar. Performance Rounds: The SickKids Experience. Children’s Heart Academy webinar: How to Improve Care for No Cost.*
- 2020 *Symposium designer, session moderator and invited lecture. Adaptation of Performance-Focused Acute Event Debriefing (Hotwash) in a Pandemic. SickKids Resuscitation Week Symposium. Burdick M, Dahan M, Lirette M and Moga MA. Virtual.*
- 2019 *Safety I/II and III (Safety Culture). Hospital M&M Committee, The Hospital for Sick Children, Toronto.*
- 2019 *Moderator. Telehealth. International Meeting on Simulation in Healthcare, Orlando, FL. San Antonio, TX.*
- 2019 *Invited lecture. Basic and advanced safety sciences in healthcare. INCOR, Sao Paulo, Brazil.*
- 2018 *Invited lecture. Practice for Performance in Team Resuscitation. Moga MA and Bibby E. Canadian Association of Critical Care Nursing.*
- 2018 *Moderator. How and Why Things Go Wrong....and Well. Risky Business 2018: Embracing Uncertainty, Toronto, Canada.*
- 2018 *Invited Panelist. QI Shark Tank. Pediatric Cardiac Intensive Care Society International Meeting, Miami, FL.*
- 2017 *Invited lecture. Safety Culture: What, Why and How. Critical Care Canada Forum, Toronto, Canada.*

CURRICULUM DEVELOPMENT & INVOLVEMENT (5YRS) TEACHING CV AVAILABLE UPON REQUEST

- Rodriguez L & **Moga MA**. National Neonatal ECMO Curriculum (USA). ECMO: Trialing off Bypass and Decannulation. NeoflipECMO Series. Published on <https://www.mededonthego.com/Pediatrics/Video/program/552>. 2020
- Teaching Faculty. Introduction to QI. University of Toronto, Department of Pediatrics Co-Learning Curriculum. 2020-2022.
- Smith R, Todd M, Stanisic A, Salloo A, **Moga MA**. IPSS-ELSO Neonatal & Pediatric ECMO Simulation Compilation. Su L and Johnstone L (Eds). Cardiac ECMO simulation scenarios: Decreased preload (cannula malposition/obstruction/size, hypovolemia-hemorrhage/sepsis, gas or oxygenator failure, pericardial tamponade, tension pneumothorax).
- McBride ME, Su L, **Moga MA**, Jain PN, Erkonen GE, Brown KM, Bavare A, Bastero P, Allan C. Simulation Curriculum. In *Curriculum for Pediatric Cardiac Critical Care-Physician and Simulation*. Bronicki RA, Allan C, Costello JM, McBride ME, Tabbutt S. 1st Edition, 2016.

EDUCATIONAL/TRAINING WORKSHOPS (5YRS)

- 2022 Educational Workshop Facilitator. Cardiac ECMO. PCICS International Annual Meeting, Miami, FL.
- 2020 Neonatal and Pediatric ECMO. 7th Annual SWAAC ELSO Conference, Johannesburg, South Africa.
- 2020 Building Resilience with Simulation: Practical Approach to a Better System? Simulation in Healthcare, San Diego, CA.
- 2020 Cardiac Emergencies for Non-Cardiac Intensivists. International Pediatric Simulation Symposia and Workshops.
- 2020 Hands On ECMO: A Practical Approach to Incorporating Simulation into an ECMO Training Program. International Pediatric Simulation Symposia and Workshops.
- 2020 Debriefing the Bad, the Good and the Mundane: Safety I and Safety II in Simulation. International Pediatric Simulation Symposia and Workshops.
- 2019 You Take the Good and Take the Bad-Safety II and I in Simulation. International Meeting on Simulation in Healthcare, San Antonio, TX.
- 2019 ECMO Basics for the Interprofessional Team. Peri-Operative Management of Congenital Heart Disease sponsored by Pediatric Cardiac Society of India, Pediatric Cardiac Intensive Care Society and Children's HeartLink, Kochi, Kerala, India.
- 2018 Building from the Ground Up: Incorporating Simulation into an ECMO Training Program. International Pediatric Simulation Symposia and Workshops. Amsterdam, Netherlands.
- 2018 Learning from the Bad and the Good-Safety I and II in Simulation. Simulation Summit. Ottawa, ON.
- 2018 QI Crash Course. Pediatric Cardiac Intensive Care Society International Meeting, Miami, FL.
- 2017 Procedural Teaching: Beyond See One, Do One. International Meeting on Simulation in Healthcare, Orlando.

VOLUNTEER/COMMUNITY WORK

- Children's HeartLink: Program Development Mentor, INCOR (Sao Paulo, Brazil)
- International Quality Improvement Collaborative for Congenital Heart Care (IQIC): QI Mentor
- SickKids International: Program Assessment and Development, TEDA International Cardiovascular Hospital, Tianjin, China.
- SickKids Foundation:
 - AirBnB Experiential Healthcare Awareness
 - <https://globalnews.ca/video/5921448/physician-provides-tour-of-simulated-sickkids-icu-four-bed-suite>
 - <https://globalnews.ca/news/5920164/hospital-for-sick-children-airbnb-suite/>
 - <https://www.youtube.com/watch?v=7sz-7kiaxHM>
 - <https://www.cbc.ca/news/canada/toronto/sickkids-icu-fundraiser-airbnb-1.5353088>
 - Healthcare Innovators (health experiences for young philanthropists and entrepreneurs)

