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WiFi

WiFi Network: **Delta_CONFERENCE** WiFi Code: **delta2023**



2023 SIM EXPO

10th ANNIVERSARY | 10^e ANNIVERSAIRE

TEAM REFLECTIONS RÉFLEXIONS D'ÉQUIPE

“The dedicated simulation community in Canada has nurtured and advanced Simulation Canada’s progress and simulation practices across the country, serving as collaborators and advocates for healthcare simulation and simulation educator training nationwide!”



SARA MEZZONE-BUDD^{Ed.D(c)}
Director, Education & Community Engagement

“Simulation was once viewed as a unique and curious form of teaching and training. Simulation-based medical education has evolved over the last decade and is now considered a legitimate and extremely effective learning strategy.”



AMY NAKAJIMA^{MD, FRCSC, MSc}
Director, SIM Advancement & Innovation

“Strong leadership has enabled Simulation Canada to grow into a strong, national network supporting simulation education in Canada. The organization is well-positioned to contribute to our healthcare system and meet new challenges in the future.”



LORRAINE ROTZ^{CPA-CA}
Director of Finance

“How simulation is communicated to the community is less focused on starting the conversation with what it is and the basics; facilitating the exchange of ideas about practice, systemic change and innovation faster. There’s a much greater awareness that even extends beyond the healthcare and medical community.”



VENUS SINSON
Senior Manager, Marketing & Communications

“What strikes me is the change in how we talk about simulation now, especially in advocacy. Even up to a couple years ago I was still giving talks called, “The Case for Simulation” or “The Value of Simulation.” Now the conversation has shifted to capacity building and quality assurance in sim. Simulation is accepted; now stakeholders want to be sure it’s being done well.”



TIMOTHY WILLETT^{MD, MEd}
President & CEO

“Celebrating our 10th anniversary of the SIM Expo, I reflect on all who have laid the groundwork for this network to thrive, not only those from our team — past and present, but that of our sim community. I began my journey with this organization 10 years ago and am fortunate to have met and connected with some incredibly talented, passionate and dedicated people working towards a common vision: Exceptional patient care and outcomes through simulation. We celebrate and recognize the impact you have made for our future.”



NICOLE FUNG
Director, Operations & Events

“Starting my master’s in 2020, I knew little to nothing about simulation. Now, three years into my academic and professional career, I’ve seen simulation grow beyond my expectations. It’s not just limited to one industry; it’s become a crucial aspect in various fields, marking a significant evolution. Simulation Canada has notably played a pivotal role, acting as a driving force and creating a strong community within the simulation realm!”



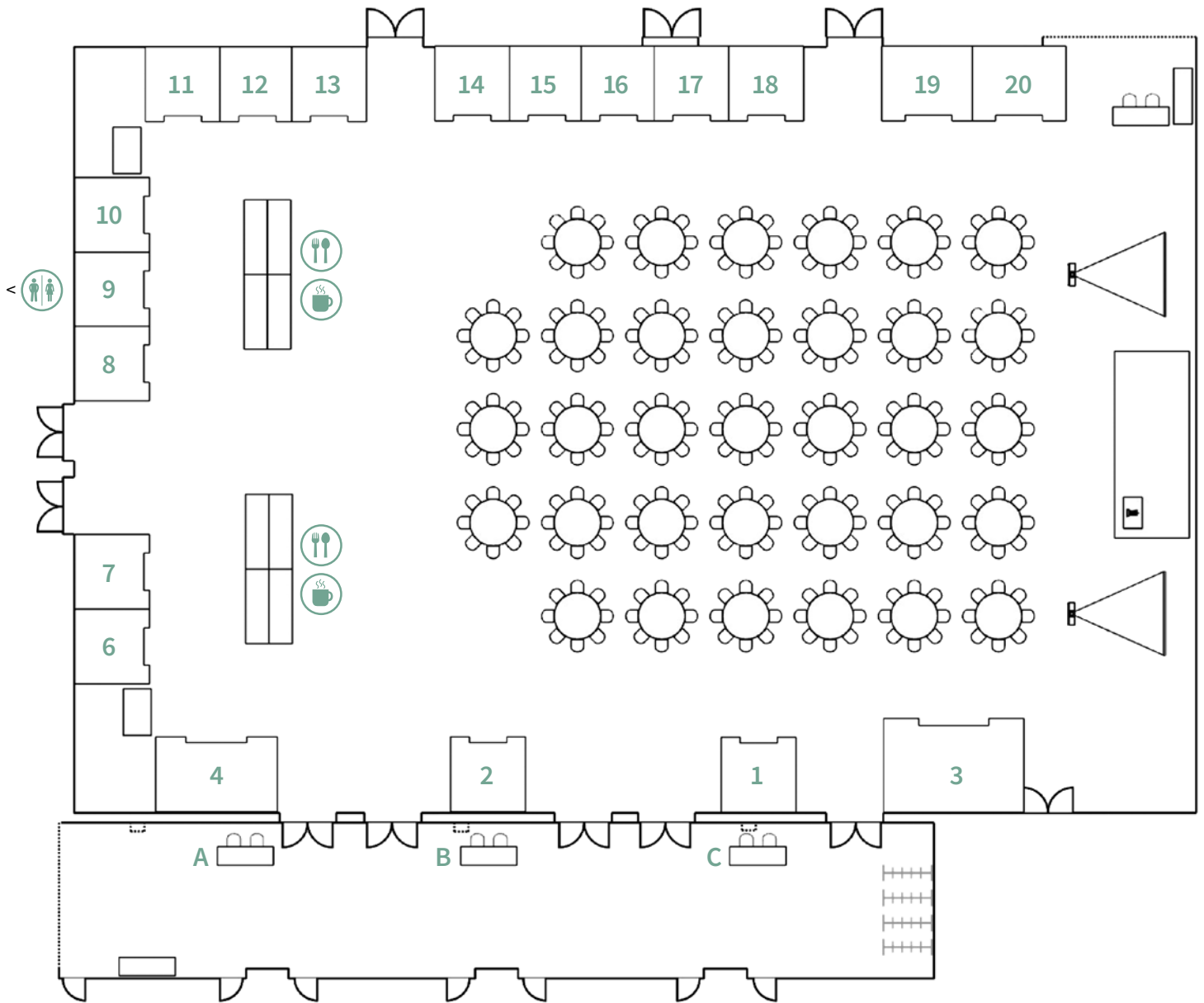
DANIA BUTTU^{BHSc,}
*MHSc Health Informatics Student
Project Coordinator*

DAY 1 AGENDA MONDAY, DECEMBER 11, 2023 | 8:00am – 5:00pm
PREMIER JOUR : ORDRE DU JOUR LUNDI LE 11 DECEMBRE | 8:00am – 5:00pm

8:00 _{am} – 8:30 _{am}	Continental Breakfast & Day 1 Check-in Open Exhibit Hall <i>International Ballroom</i> Inscription et petit déjeuner Expositions
8:30 _{am} – 9:00 _{am}	Welcome & Day 1 Orientation <i>International Ballroom</i> Accueil et orientation
9:00 _{am} – 10:00 _{am}	Keynote Speaker: Harnessing the Power and Potential of Simulation to Help Address Healthcare and Healthcare Education Crises <i>International Ballroom</i> Conférencier principal Jason Harley
10:00 _{am} – 11:30 _{am}	Morning Workshops – 90 mins <i>Breakout Rooms</i> Ateliers du matin AM1.1 Distance Simulation Educator Guidelines: A Way to Move Forward with Distance/Virtual Simulations <i>Capitale</i> AM1.2 Peer Facilitated Debriefing <i>Frontenac</i> AM1.3 Using Gamified VR Simulations to Teach Psychiatric Emergencies — Suicide Risk Assessment and Opioid Overdose <i>Bytowne</i> AM1.4 Electronic Health Record (EHR) Orientation through an Escape Room Simulation <i>Joliet</i> AM1.5 Co-Creating Inclusive, Authentic and Engaging Scenarios with Simulated Participants (SPs) <i>Chaudiere</i>
11:30 _{am} – 12:00 _{pm}	Exhibit Hall — Explore the 2023 SIM Expo! Break Networking <i>International Ballroom</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
12:00 _{pm} – 1:00 _{pm}	Lunch 2023 SIM Citizenship Award Presentation <i>International Ballroom</i> Le déjeuner Les prix SIM
1:00 _{pm} – 2:00 _{pm}	Poster Presentations <i>International Ballroom and Hall</i> Présentations des Affiches <ul style="list-style-type: none"> • Acute & Critical Care • Simulation-Based Education • Simulation for Skill Development • Simulation Program • Standardized Patients / Simulated Participants Simulation • Virtual
2:00 _{pm} – 3:00 _{pm}	Exhibit Hall — Explore the 2023 SIM Expo! Break Networking <i>International Ballroom</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
3:00 _{pm} – 4:30 _{pm}	Afternoon Workshops – 90 mins <i>Breakout Rooms</i> Ateliers de l'après-midi PM1.1 Infusing Cultural Perspective in Curriculum Designing for Simulation-Based Education <i>Frontenac</i> PM1.2 Applying a Large Language Model (ChatGPT) to Write a Healthcare Simulation <i>Capitale</i> PM1.3 PRACTISSing Rural Simulations <i>Bytowne</i> PM1.4 High Quality Simulation: Let's Get Started! <i>Joliet</i> PM1.5 The Rise of SBE for Healthcare Professionals in Acute Care: Striving for IPE <i>Chaudiere</i>
4:30 _{pm} – 5:00 _{pm}	2023 SIM Expo Day 1 Reflections <i>International Ballroom</i> Réflexions du jour 1

DAY 2 AGENDA TUESDAY, DECEMBER 12, 2023 | 8:00am – 5:00pm
DEUXIÈME JOUR : ORDRE DU JOUR MARDI LE 12 DECEMBRE | 8:00am – 5:00pm

8:00 _{am} – 8:30 _{am}	Breakfast & Day 2 Check-in Open Exhibit Hall <i>International Ballroom</i> Inscription et petit déjeuner Expositions
8:30 _{am} – 8:45 _{am}	Welcome & Day 2 Orientation <i>International Ballroom</i> Accueil et orientation
8:45 _{am} – 10:00 _{am}	Keynote Panel: Simulating for What Future? Perspectives from Patients, Technology, and the Healthcare System <i>International Ballroom</i> Panneau principal: Simuler pour quel avenir ? Perspectives des patients, de la technologie et du système de santé : Un panel de discussion Ivy Lynn Bourgeault, Ahmed Muslimani, Lyn Sonnenberg, <i>Facilitated by</i> Jerry M. Maniate
10:00 _{am} – 10:45 _{am}	Exhibit Hall — Explore the 2023 SIM Expo! Break Networking <i>International Ballroom</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
10:45 _{am} – 12:00 _{pm}	Research Presentations <i>Breakout Rooms</i> Présentation de recherche Equity, Diversity and Inclusion Équité, diversité et inclusion <i>Frontenac</i> Simulation-Based Education Research Recherche en éducation basée sur la simulation <i>Joliet</i> Teaching & Learning Enseignement et apprentissage <i>Chaudiere</i> Teamwork & Human Factors Travail d'équipe et facteurs humains <i>Bytowne</i> Virtual Virtuel <i>Capitale</i>
12:00 _{pm} – 1:00 _{pm}	Lunch 2023 SIM Innovator Award Presentation <i>International Ballroom</i> Le déjeuner Les prix SIM
1:00 _{pm} – 2:30 _{pm}	Demo Showcase Presentations <i>International Ballroom and Hall</i> Présentations de vitrines de démonstration
2:30 _{pm} – 4:00 _{pm}	Afternoon Workshops – 90 mins <i>Breakout Rooms</i> Ateliers de l'après-midi PM2.1 Incorporating Equity, Diversity, and Inclusivity Principles into Simulation-Based Education: Practical Tips for Educators <i>Frontenac</i> PM2.2 Fidelity of Simulation Scenarios and Learning from Them: Not Always a Linear Relationship <i>Capitale</i> PM2.3 Implementation 101: Introduction to Implementation Science and Application of the Adapted Implementation Model for Simulation (AIM-SIM) <i>Bytowne</i> PM2.4 Do-It-Yourself Meta-Simulation Game Worlds to Foster the Next Generation of Healthcare Gamers <i>Joliet</i> PM2.5 Beyond Teaching. Using Simulation to Improve Patient Safety in your Clinical Environment <i>Chaudiere</i>
4:00 _{pm} – 4:30 _{pm}	Exhibit Hall — Explore the 2023 SIM Expo! Break Networking <i>International Ballroom</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
4:30 _{pm} – 5:00 _{pm}	2023 SIM Expo Day 2 Reflections Prize Draws <i>International Ballroom</i> Réflexions finales Tirages au sort



FLOOR PLAN PLAN D'ÉTAGE

Food Station
Aliments



Beverage Station
Brevages



Washrooms
Toilettes



CAE Healthcare

4

Canadian Association of Schools
of Nursing (CASN)

B

Choice Learning

8

CLRI Bayrest

10

Colleges and Institutes Canada (CICan)

C

Echo Healthcare

16

EdEHR

11

Gaumard Scientific

3

Intelligent Video Solutions

14

Kyoto Kagaku America Inc.

1

Laerdal Medical

20

Limbs & Things

6

PCS Spark

9

Phokus Research Group

18

RQI Partners

19

Sim2Grow

17

Simulab Corporation

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Spectrum Educational Supplies

15

TacMed Simulation

7

The Learning Network

12

The University of Alabama
at Birmingham (UAB)

A

UbiSim

2

SPECIAL ACKNOWLEDGEMENTS MENTIONS SPÉCIALES

As a community, we can only achieve what we do through the dedication of simulation leaders, champions and volunteers across Canada. Thank you to the many people who give their time and enthusiasm!

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Danaïet Teame

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KEYNOTE SPEAKER

CONFÉRENCIER PRINCIPAL DAY 1 • PREMIER JOUR | 9:00am-10:00am | *International Ballroom*

HARNESSING THE POWER AND POTENTIAL OF SIMULATION TO HELP ADDRESS HEALTHCARE AND HEALTHCARE EDUCATION CRISES



JASON M. HARLEY PhD (they/them)

Associate Professor, Department of Surgery

Director, Simulation, Affect, Innovation, Learning, and Surgery (SAILS) Lab

Director of Research, Steinberg Centre for Simulation and Interactive Learning

McGill University | Faculty of Medicine and Health Sciences

Prof. Harley will provide an overview of existing strengths and areas for further improvement in healthcare simulation education research. They will describe ongoing research they and their research lab and collaborators are conducting at McGill to help illustrate both challenges and opportunities to tackle crises in healthcare and healthcare education. Research examples will include Social Sciences and Humanities Research Council of Canada-funded studies with virtual simulation technologies and anti-harassment simulation training. The talk will conclude with future directions for simulation education research, including common research priorities amongst Canadian simulation centres from a national survey Prof. Harley and their team recently published.

Attendees will be able to:

1. Understand how simulation can be used to help combat contemporary crises as well as criteria for it to fulfil this potential
2. Identify strengths and weakness of healthcare simulation education research
3. Describe opportunities and approaches to advance healthcare simulation education research

Professor Jason M. Harley, PhD is a tenured Associate Professor in the Department of Surgery, Faculty of Medicine and Health Sciences at McGill University and a Scientist at the Research Institute of the McGill University Health Centre (RI-MUHC). They are also the Director of Research at the Steinberg Centre for Simulation and Interactive Learning, Director of the Simulation, Affect, Innovation, Learning, and Surgery (SAILS) Lab, and an Associate Member of the Institute for Health Sciences Education (IHSE). Prof. Harley completed their FRQSC and SSHRC CGS-funded Ph.D. in Educational Psychology at McGill University in 2014. They held an FRQSC-funded postdoctoral position in the Department of Computer Science at the University of Montréal from 2014-2015 before joining the Department of Educational Psychology at the University of Alberta as an Assistant Professor of Educational Psychology and Technology (tenure-track) from 2016-2019. In 2018, they won the Outstanding Early Career Researcher Award sponsored by the Technology, Instruction, Cognition, and Learning (TICL) SIG of the American Educational Research Association (AERA). The overarching goal of Prof. Harley's research program is to support the current and future well-being and clinical performance of healthcare trainees through innovative educational interventions, leveraging interactive simulations and emerging technologies. Their research has attracted over 1 million dollars of funding (as PI) from the Social Sciences and Humanities Research Council of Canada, The Killam Foundation, Mitacs, the McGill Interdisciplinary Initiative in Infection and Immunity, and others. Their research has led to dozens of broadcast and print interviews in venues such as The Guardian, CBC News, The Globe and Mail, Global News, CTV News and the Montreal Gazette.

KEYNOTE PANEL

PANNEAU PRINCIPAL DAY 2 • DEUXIÈME JOUR | 8:45am-10:00am | *International Ballroom*

SIMULATING FOR WHAT FUTURE? PERSPECTIVES FROM PATIENTS, TECHNOLOGY, AND THE HEALTHCARE SYSTEM: A PANEL DISCUSSION

Simulationists are innovative educators, charged with preparing today's students with the skills they will need for tomorrow's healthcare milieu. Change seems to be accelerating in recent years, particularly driven by the stress the pandemic placed on our healthcare system and providers.

In this panel, we explore three unique drivers of change. First, the patient perspective, with increasing expectations of safe, effective, inclusive, and trauma-informed care. Second, emerging technologies that are poised to disrupt many long-established work processes. And, third, the need for healthcare system reform to ensure its accessibility and sustainability.

SIM Expo registrants will be invited to submit questions for this panel ahead of time, to help guide the discussion.



PANEL FACILITATOR

JERRY MANIATE MD, M.Ed, FRCPC, FACP, CCPE, CPC(HC), EMBA(C) (he/his/him)

*Associate Professor, Division of General Internal Medicine, Department of Medicine & Department of Innovation in Medical Education (DIME), University of Ottawa
Affiliated Researcher, Bruyère Research Institute (BRI)
Founding Director, Equity in Health Systems Lab*



SYSTEM PERSPECTIVE

IVY LYNN BOURGEAULT PhD, FCAHS (she/her/elle)

*Professor, School of Sociological and Anthropological Studies, University of Ottawa
University Research Chair in Gender, Diversity and the Professions
Lead, Canadian Health Workforce Network and Empowering Women Leaders in Health
Co-Lead, Team Primary Care: Training for Transformation*



PATIENT PERSPECTIVE

AHMED MUSLIMANI (they/them)

Manager of Partnerships and Development, MAX Ottawa



TECHNOLOGY PERSPECTIVE

LYN K. SONNENBERG HonBSc, MSc, MD, MEd, EMBA, FRCPC (she/her/elle)

*Professor Emerita, Faculty of Medicine and Dentistry, University of Alberta
Neurodevelopmental Pediatrician, Glenrose Rehabilitation Hospital*

KEYNOTE PANEL BIOS

BIOGRAPHIES DES PRINCIPAUX INTERVENANTS DAY 2 • DEUXIÈME JOUR |

8:45am-10:00am | *International Ballroom*

SIMULATING FOR WHAT FUTURE? PERSPECTIVES FROM PATIENTS, TECHNOLOGY, AND THE HEALTHCARE SYSTEM: A PANEL DISCUSSION

Jerry Maniate

Dr. Jerry Maniate and his family, including 2 young girls, have resided in Ottawa, which is the unceded and traditional lands of the Algonquin people. He is a clinician-educator at The Ottawa Hospital, an Associate Professor at the University of Ottawa, a researcher at the Bruyère Research Institute, and has served as a senior leader in several health and educational organizations and committees. In September 2021, Dr. Maniate founded the Equity in Health Systems Lab (www.eqhslab.com), an international transdisciplinary team of researchers, health care professionals, educators, policymakers, learners, and patients who are seeking to make an impact on our community and health system with the work they are engaged with through a unique approach. His academic work and that of the EqHS Lab has been focused on understanding and addressing inequities, racism, and injustice in our health systems through collaborative partnerships using a scholarly lens.

Ivy Lynn Bourgeault

Dr. Bourgeault is a Professor in the School of Sociological and Anthropological Studies at the University of Ottawa and the University Research Chair in Gender, Diversity and the Professions. She leads the Canadian Health Workforce Network, the Empowering Women Leaders in Health initiative and co-leads the Team Primary Care: Training for Transformation project. Dr. Bourgeault has garnered an international reputation for her research on the health workforce, particularly through a gender lens.

Ahmed Muslimani

Ahmed began their career in community work nearly 12 years ago after arriving in Canada as a refugee claimant. Their work focused largely on newcomers and queer communities, anti-oppression, and sexual health education. Since joining the MAX Ottawa team 3 years ago, they have become very invested in addressing the vast disparities that 2SLGBTQ+ communities face in accessing holistic healthcare.

Lyn Sonnenberg

An experienced clinical and academic leader with advanced skills in interprofessional collaboration, technology, and equity, diversity, and inclusivity, Dr. Lyn Sonnenberg is a Professor Emerita in the Faculty of Medicine and Dentistry at the University of Alberta. Her former roles include Associate Dean, Educational Innovation & Academic Technologies, Vice President of the Medical Council of Canada (MCC), Inaugural Director, Learning Transformation at the Royal College of Physicians and Surgeons of Canada, and Provincial Physician Lead for the Clinical Information System, EPIC, for Alberta Health Services. She works clinically as a Neurodevelopmental Pediatrician at the Glenrose Rehabilitation Hospital in Edmonton, Alberta. Recognized nationally and internationally for her teaching excellence, Dr. Sonnenberg will bring her experience to help us anticipate the future of technology in healthcare. Affiliations: University of Alberta and Glenrose Rehabilitation Hospital, Edmonton, Alberta, Canada

MORNING WORKSHOPS

ATELIERS DU MATIN DAY 1 • PREMIER JOUR | 10:00am-11:30am | *Breakout Rooms*

90 MINUTES

AM1.1 Distance Simulation Educator Guidelines: A Way to Move Forward with Distance/Virtual Simulations

Capitale

Maria Bajwa¹, Rami Ahmed¹, Janice Palaganas¹, ¹*MGH Institute of Health Professions*

AM1.2 Peer Facilitated Debriefing *Frontenac*

Tania Killian¹, ¹*Fanshawe College*

AM1.3 Using Gamified VR Simulations to Teach Psychiatric Emergencies — Suicide Risk Assessment and Opioid Overdose *Bytowne*

Stephanie Sliemers¹, Michael Mak¹, Fabienne Hargreaves¹, Tucker Gordon¹, Rachel Antinucci¹, Sanjeev Sockalingam¹, Chantelle Clarkin¹, Allison Crawford¹, Ahmed Hassan¹, Petal Abdool¹, ¹*Centre for Addiction and Mental Health*

AM1.4 Electronic Health Record (EHR) Orientation Through an Escape Room Simulation *Joliet*

Joyce Law¹, Bryan Gilbert², ¹*British Columbia Institute of Technology*, ²*edehr.org*

AM1.5 Co-Creating Inclusive, Authentic and Engaging Scenarios with Simulated Participants (SPs) *Chaudiere*

Kiira Poerschke¹, Cathy Smith¹, Laurie Bernick¹, Bev Kramer¹, Raquel Meyer¹, Meaghan Adams¹, ¹*Baycrest Centre for Geriatric Care*



AFTERNOON WORKSHOPS

ATELIERS DE L'APRÈS-MIDI DAY 1 • PREMIER JOUR | 3:00pm-4:30pm | *Breakout Rooms*

90 MINUTES

PM1.1 Infusing Cultural Perspective in Curriculum Designing for Simulation-Based Education *Frontenac*

Jabeen Fayyaz^{1,2}, Maria Bajwa², ¹*The Hospital For Sick Children*, ²*MGH IHP Harvard*

PM1.2 Applying a Large Language Model (ChatGPT) to Write a Healthcare Simulation *Capitale*

Efrem Violato¹, Carl Corbett¹, Thomas Waring¹, ¹*Northern Alberta Institute of Technology*

PM1.3 PRACTISSing Rural Simulations *Bytowne*

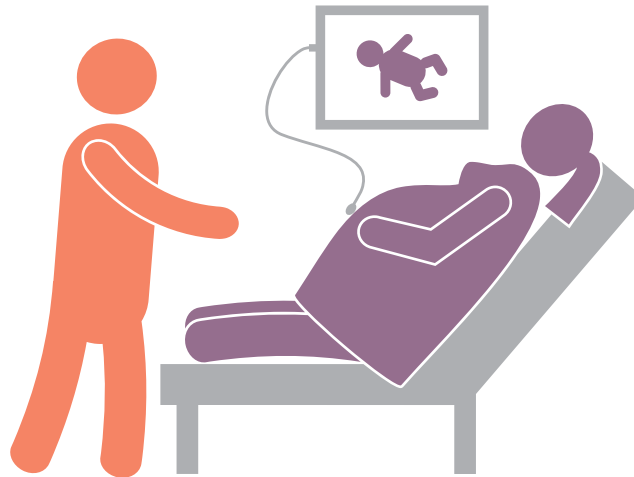
Mateo Orrantia¹, Ryan Patchett-Marble^{1,2}, Eliseo Orrantia^{1,2}, ¹*NOSM University*, ²*Marathon Family Health Team*

PM1.4 High Quality Simulation: Let's Get Started! *Joliet*

Elizabeth Horsley¹, ¹*Independent*

**PM1.5 The Rise of Simulation-Based Education for Healthcare Professionals in Acute Care:
Striving for Interprofessional Education** *Chaudiere*

Jennifer Dale-Tam¹, Glenn Posner^{1,2,3}, Prudy Menard¹, Leah Dale¹, Nicole Spence¹, ¹*The Ottawa Hospital*,
²*The University of Ottawa Skills and Simulation Centre*, ³*The University of Ottawa*



AFTERNOON WORKSHOPS

ATELIERS DE L'APRÈS-MIDI DAY 2 • DEUXIÈME JOUR | 2:30pm-4:00pm | *Breakout Rooms*

90 MINUTES

PM2.1 Incorporating Equity, Diversity, and Inclusivity Principles into Simulation-Based Education: Practical Tips for Educators *Frontenac*

Howard Fruitman¹, Branka Agic¹, Asha Maharaj¹, Stephanie Sliemers¹, Wendy Chong², Jerry Maniate³,
¹Centre for Addiction and Mental Health, ²Equity in Health Systems Lab, ³The Ottawa Hospital

PM2.2 Fidelity of Simulation Scenarios and Learning from Them: Not Always a Linear Relationship *Capitale*

Anne Kawamura¹, Dominique Piquette¹, ¹University of Toronto

PM2.3 Implementation 101: Introduction to Implementation Science and Application of the Adapted Implementation Model for Simulation (AIM-SIM) *Bytowne*

Krystina Clarke¹, Julia Micallef¹, Leizl Joy Nayahangan², Lars Konge², Amandus Gustafsson², Adam Dubrowski¹,
¹Ontario Tech University, ²Copenhagen Academy for Medical Education and Simulation

PM2.4 Do-It-Yourself Meta-Simulation Game Worlds to Foster the Next Generation of Healthcare Gamers *Joliet*

Raquel Meyer¹, Cathy Smith², David Chandross^{2,3}, Paula Mastrilli², Shoshana Helfenbaum¹, Emi Giddens¹,
Kiira Poerschke¹, Christina Gallucci¹, Carey Burleigh¹, ¹Baycrest, Ontario Centres for Learning,
Research & Innovation in Long-Term Care, ²Educational Consultant, ³Toronto Metropolitan University

PM2.5 Beyond Teaching. Using Simulation to Improve Patient Safety in your Clinical Environment *Chaudiere*

Catherine Rich¹, Raphael Morin-Gagnon¹, ¹Montreal Children's Hospital, McGill University



SIM AWARDS

LES PRIX SIM DAY 1 • PREMIER JOUR | 12:00pm-1:00pm | *International Ballroom*

Canada's SIM champions, community-builders and innovators — congratulations!

The SIM awards are peer-nominated and peer-reviewed awards that celebrate the very best in our community. Below, we share summaries from the impressive nomination packages.

Les champions, bâtisseurs communautaires et innovateurs de la simulation au Canada — félicitations !

Les prix SIM sont des prix nominés et évalués par des pairs qui célèbrent le meilleur de notre communauté. Vous trouverez ci-dessous des résumés des dossiers de candidature impressionnants.

2023 SIM CITIZENSHIP AWARD PRIX DE CITOYENNETÉ SIM

This award is generously sponsored by [Gaumard](#).

Ce prix est généreusement parrainé par [Gaumard](#).



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Simulators for Health Care Education

ANGELIQUE JENNEY^{MSW, PhD, RSW}

Associate Professor, Wood's Home Research Chair in Children's Mental Health, Faculty of Social Work, University of Calgary, AB

For pioneering work in social work simulation, including trauma-informed approaches, virtual simulation addressing trauma and domestic violence, interdisciplinary initiatives, and research achievements.

ANNAMARIA MUNDELL^{RN, BN}

Simulation Consultant, Clinical Educator, Alberta Health Services, AB

For leadership in expanding simulation programs for rural and remote healthcare teams across Alberta, creating culturally safe environments for Indigenous populations, her innovative approach to virtually facilitated simulations, and her role in developing the Domestic Abuse Response Team project.

BRADY ROSE^{BSc, MLT}

Instructor, Medical Laboratory Technologist, Northern Alberta Institute of Technology, AB

For advancing simulation in Medical Laboratory Technology, including her proactive approach in implementing innovative simulation techniques and involvement in the Virtu-WIL project to bridge the gap in clinical training sites, and her mentorship of colleagues to build a culture of innovation.

EMILY LOUCA^{MA, BSc, RRT}

Director, Simulation Program, The Hospital for Sick Children, ON

For leadership in expanding the SimKids Program, including accreditation, strategic partnerships, the development of a new simulation center, dedication to team development and interprofessional education, and advocacy for equity and inclusion.

SIM AWARDS

LES PRIX SIM DAY 1 • PREMIER JOUR | 12:00pm-1:00pm | *International Ballroom*

GREG DONDE^{MSc, RRT}

Professor, Registered Respiratory Therapist, Fanshawe College, ON

For innovative leadership in developing virtual simulations, fostering collaboration, advocating for simulation education, dedication to immersive learning, involvement in national resuscitation committees, and nurturing the next generation of simulationists.

JENNIFER DALE-TAM^{RN, MSN, CNCC(c), CCSNE, CHSE}

Corporate Nurse Educator, The Ottawa Hospital, ON

For collaboration and leadership in creating simulation-based orientation programs, designing curricula for corporate nurse orientation, implementing a mobile sim cart for teaching technical skills, and the Simulation Patient Safety Program.

KIMBERLY WORKUM^{RN, BScN, MEd, CCNE, CHSE}

Director, Clinical Competence Assessment Centre and Digital Strategies, College of Nursing, University of Manitoba, MB

For forging collaborations locally and globally, including establishing a pop-up simulation centre in the Philippines, involvement in international simulation communities, advancement of virtual simulation and VR, and leadership during COVID.

MICHAEL ELIADIS^{EdD(s), MAEd, PMP, CHSE, CHSOS}

Manager, Simulation Centre, George Brown College, ON

For his advocacy and mentorship of other simulationists, launching a provincial discussion group during COVID, and contributions to the growth and development of the simulation program at George Brown College.

MICHAEL LUNDIN^{CHSOS}

Director, Simulation-Based Learning Centre, Thompson Rivers University; Chair, BC Simulation Network, BC

For his leadership and commitment to collaboration as chair of the BC Simulation Network, expansion of simulation programs across remote areas, organizing a provincial simulation conference, and development of a scenario repository and utilization tracking database.

SANDRA GOLDSWORTHY^{PhD, MSc, RN, CNCC(c), CMSN(c), CCSNE}

Chair, School of Nursing and Midwifery, Mount Royal University, AB

For expanding simulation programs at several Canadian organizations, establishing a Research Professorship in Simulation, developing a Simulation Fellow Program, creating an open educational e-textbook on virtual simulation, and leadership in multiple national and international committees.

SIM AWARDS

LES PRIX SIM DAY 2 • DEUXIÈME JOUR | 12:00pm-1:00pm | *International Ballroom*

2023 SIM INNOVATOR AWARDS PRIX DE L'INNOVATEUR SIM

This award is generously sponsored by [HIROC](#).

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ALBERTA HEALTH SERVICES • eSIM Provincial Simulation

Alberta

For the province-wide integration of simulation into clinical care, including optimizing critical care facilities, integrating electronic medical records, improving emergency management procedures, just-in-time teaching, and improving the efficiency of inter-site communication and data exchanges.

BAYCREST • Centre for Education in Aging and Knowledge Exchange

Toronto, ON

For exceptional integration of simulation in educating healthcare providers for care of older adults, including the development of meta-simulation game worlds, simulation programming for patients and caregivers, and establishing a specialized program for older adults as simulated participants.

BC CHILDREN'S AND WOMEN'S HOSPITAL • Simulation Program

Vancouver, BC

For its exceptional integration of simulation, impacting clinical education, team training, and systems improvement, including new hire orientation, specialty development courses, life support training, mobile skills carts, and process improvement simulations, including collaborations with external agencies.

BOW VALLEY COLLEGE • Practical Nurse Program

Calgary, AB

For extensive integration of simulation into their Practical Nurse program, including shifting clinical placement hours to sim, adopting a diversity of modalities (virtual reality and in-person sims), and collaboration with external stakeholders and regulatory bodies to establish standards and monitor success.

CÉGEP DE SHAWINIGAN

Shawinigan, QC

Pour son leadership novateur dans l'intégration de la simulation dans l'éducation, y compris : Mise en place du Centre virtuel d'immersion clinique ; collaboration avec le Ministère de l'Enseignement supérieur pour étendre l'utilisation de la simulation; et l'organisation de grandes simulations interprofessionnelles et interprogrammes.

SIM AWARDS

LES PRIX SIM DAY 2 • DEUXIÈME JOUR | 12:00pm-1:00pm | *International Ballroom*

FANSHAWE COLLEGE

London, ON

For their remarkable dedication integrating simulation into healthcare and beyond, such as marketing, aviation, hospitality, and more, including large-scale interprofessional sims, adoption of extended reality, establishing an “innovation village,” and collaboration with external stakeholders.

THE JEWISH GENERAL HOSPITAL • Emergency Medicine Simulation Centre

Montréal, QC

For the advancement of simulation across its programming, including is interprofessional and interdisciplinary approach, in-situ simulation events, implementing state-of-the-art audio-visual systems, using simulation in its COVID-19 response, and promotion of peer-to-peer teaching.

MOUNT ROYAL UNIVERSITY • Health Simulation Learning Centre

Calgary, AB

For exceptional integration of simulation into several programs, including major curriculum reforms, facilitating faculty development, championing interprofessional education, and prioritizing diversity and inclusion.

TIMISKAMING DISTRICT SECONDARY SCHOOL • SimLab

New Liskeard, ON

For exceptional regional collaboration to address human health resource shortages, offering simulations to learners from high school through to practicing professionals, including introducing students to health careers, providing continuing education, facilitating inter-agency emergency preparedness, and enabling community mentorship.

UNIVERSITÉ DE MONTRÉAL • Centre d'Expertise en Simulation en Santé, Faculté des sciences infirmières

Montréal, QC

For the depth and diversity of its commitment to advancing simulation, including implementing virtual reality and immersive environments, leadership in the Virtu-WIL project, facilitating interprofessional simulations, and commitment to simulation quality.

POSTER PRESENTATIONS

PRÉSENTATIONS DES AFFICHES DAY 1 • PREMIER JOUR | 1:00pm-2:00pm | *Int. Ballroom & Hall*

ACUTE & CRITICAL CARE SOINS AIGUS ET CRITIQUES

The Use of Simulation within a Novel Paediatric Critical Care New Graduate Nurse Residency Program

Jennifer Allegro¹, Shelby Watson¹, Alison Dodds¹, Catharine Walsh¹, ¹*The Hospital for Sick Children*

Incorporating Various Learners into Effective Neonatal Resuscitation Training — A Challenge for Simulationists and Clinicians Alike

Sue Zelko^{1,2}, Kristen Sampson^{1,2}, Douglas Campbell^{1,2,3}, Paula Iantomasi^{1,2}, ¹*Allan Waters Family Simulation Centre*, ²*Unity Health Toronto*, ³*University of Toronto*

Jumping in the Shallow End: Simulation-Based Training Prior to Critical Care Nursing Practicum

Maria Damian¹, Catherine Leblanc¹, ¹*McGill University*

Simulations interdisciplinaires pour le développement de compétences en travail d'équipe en contexte de soins critiques

Isabelle Ledoux¹, Mélanie Marceau¹, Jean-François Deshaies¹, Josiane Provost¹, ¹*Université de Sherbrooke*

Leveraging Deteriorating Patient Simulations in Nursing Education: A Scoping Review of the Literature

Melissa Sherrer¹, Barbara Wilson-Keates¹, ¹*Athabasca University*

SIMULATION-BASED EDUCATION ÉDUCATION BASÉE SUR LA SIMULATION

Development of a Novel Healthcare Simulation Minor for Undergraduate Health Sciences Students Informed by Design-Based Research

Krystina Clarke¹, Ginny Brunton¹, Ellen Vogel¹, Carol Rodgers¹, Adam Dubrowski¹, ¹*Ontario Tech University*

Shifting the Landscape of Clinical Education for Practical Nurses: Simulation Replacing Clinical

Jacinda Daley¹, Janet Yorke¹, Patrena Mackie¹, Clare Howland¹, ¹*Bow Valley College*

Getting Everyone on Board for High Quality Simulation: The Power of a Collaborative Effort

Valerie Andrecyk¹, Elizabeth Horsley², ¹*St. Lawrence College*, ²*The Brooklyn Hospital Centre*

The eSIM Mentorship Project; Standardizing Faculty Development for the Simulation Program

Cherie Serieska¹, Alyshah Kaba¹, Nadine Terpstra¹, Tara Fuselli¹, Christine Eichorst¹, Vincent Grant¹, Jennifer Semaka¹, ¹*Alberta Health Services*

POSTER PRESENTATIONS

PRÉSENTATIONS DES AFFICHES DAY 1 • PREMIER JOUR | 1:00pm-2:00pm | *Int. Ballroom & Hall*

SIMULATION FOR SKILL DEVELOPMENT

SIMULATION POUR LE DÉVELOPPEMENT DES COMPÉTENCES

Right Heart Catheterization Simulator (C-SIM)

Kimberly Mitchell¹, Melissa Tso¹, Amer Johri¹, ¹*Queen's University*

Meeting the Educational Gaps of New Nurses in Acute Care Using a Mobile Skills and Simulation Cart

Jennifer Dale-Tam¹, Nicole Spence¹, Prudy Menard¹, ¹*The Ottawa Hospital*

Domestic Abuse Screening: Normalizing Assessment at Triage Through Simulations

Cherie Serieska¹, Alyshah Kaba¹, Anna Maria Mundell¹, Dawn Peta¹, ¹*Alberta Health Services*

Augmenting Psychomotor Skill Practice by Nursing Students During Clinical Placement: A Pilot-Study

Johanna Love¹, Frances C. Cavanagh¹, ¹*Cambrian College*

Intégration d'une activité de simulation pour l'évaluation du raisonnement clinique dans les stages de chirurgie en sciences infirmières

Catherine Vandemeulebroocke¹, Liette St-Pierre¹, Cynthia Tremblay¹, Geneviève Blouin-Piché¹,
¹*Université du Québec à Trois-Rivières*

SIMULATION PROGRAM

PROGRAMME DE SIMULATION

Location, Location, Location! Developing and Implementing an In-Situ Simulation Program at the Montreal Neurological Hospital (MNH)

Maria Damian¹, ¹*Montreal Neurological Hospital*

System Integration Simulation for Improving Access to EVT consultation Services for Acute Stroke at Emergency Department of Oak Valley Health

Mehak Rajani¹, Mandy Lau¹, Jessica Luo¹, Karen Gagnon¹, ¹*Oak Valley Health*

Cyber-Attack Preparedness: Enhancing Readiness through Translational Simulation

Lindsay Beavers^{1,2}, Kristen Sampson¹, Andrew Petrosoniak^{1,2}, Camille Gallant¹, Julia Lee¹,
Nazanin Khodadoust¹, Rachel Manson¹, Michael Wrobel¹, ¹*Unity Health Toronto*, ²*University of Toronto*

Linking Learning Outcomes & Pedagogy to Simulation Center Design

Roger Crowe¹, Marcel Schoenenberger², ¹*KCS Health Sciences Consulting*, ²*MCSquared System Design Group Inc.*

Simulation interprofessionnelle inter collèges et universités

Isabelle Bouchard¹, Valérie Aubin¹, ¹*Cégep de Chicoutimi*

POSTER PRESENTATIONS

PRÉSENTATIONS DES AFFICHES DAY 1 • PREMIER JOUR | 1:00pm-2:00pm | *Int. Ballroom & Hall*

STANDARDIZED PATIENTS / SIMULATED PARTICIPANTS SIMULATION PATIENTS STANDARDISÉS / PARTICIPANTS SIMULÉS SIMULATION

Care Provisions for Indigenous People: An Actor Simulation for Nursing Students

Kateryna Metersky¹, Caitlin Cosgrove¹, Michelle Hughes², ¹*Toronto Metropolitan University*, ²*Centennial College*

Interventions en santé mentale : quand le patient standardisé peut faire la différence dans la formation des infirmières

Liette St-Pierre¹, Cathy Dupuis¹, ¹*Université du Québec à Trois-Rivières*

Éclatons la simulation !

Isabelle Clermont¹, Monique Corbeil¹, ¹*ESPA-Montréal*

The Implementation of Volunteer Simulated Participants: Symbiotic Volunteerism

Sarah Mackie¹, Melissa Sherrer¹, ¹*Fleming College*

Simulation Training for Residents' Bystander Intervention: Dealing with Harassment During a Central Line Insertion

Byunghoon (Tony) Ahn¹, Kexin Li², Deuscies Chang-Ou³, Xiaoxin Chu¹, Myriam Johnson¹, Negar Matin¹, Jason Harley^{1,4,5}, ¹*McGill University*, ²*Johns Hopkins University*, ³*University of Toronto*, ⁴*Institute for Health Sciences Education*, ⁵*Steinberg Centre for Simulation and Interactive Learning*

VIRTUAL VIRTUEL

Developing Virtual Interprofessional Education Micro-Credential Modules for Medical Laboratory Learners Using Elaboration Theory

Sandy Abdo¹, Samyah Siraj¹, Brenda Barth¹, Pamela Calverley¹, Krystina Clarke¹, Kathleen Gamble¹, Bill Kapralos¹, Brent Kohain¹, Michael Short¹, Andrei Torres¹, Brenda Gamble¹, Adam Dubrowski¹, ¹*Ontario Tech University*

Developing Cost-Effective Virtual Learning Environments: Examining the Effect of Pseudo-Haptics on Embodiment

Sandy Abdo¹, Cody Jensen¹, Bill Kapralos¹, Alvaro Uribe-Quevedo¹, KC Collins², Kamen Kanev³, Adam Dubrowski¹, ¹*Ontario Tech University*, ²*Carleton University*, ³*Shizuoka University*

POSTER PRESENTATIONS
PRÉSENTATIONS DES AFFICHES DAY 1 • PREMIER JOUR | 1:00pm-2:00pm | *Int. Ballroom & Hall*

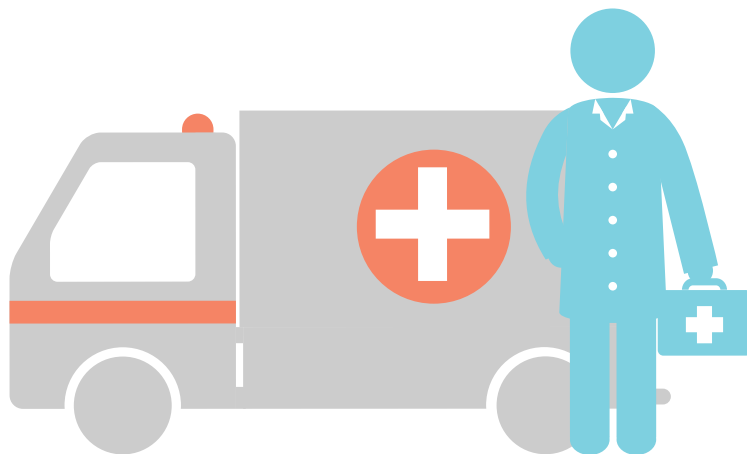
VIRTUAL
VIRTUEL

Enhancing Patient-Centred Suicide Risk Assessments through Collaboratively Designed Virtual Simulations

Howard Fruitman¹, Stephanie Sliemers¹, Matthew Tsuda¹, Suraya Faziluddin¹, Christine Bucago¹, Faith Rockburne¹, George James¹, ¹*Centre for Addiction and Mental Health*

VR Simulation for Emergency Code Training: Benefits and Impact on Care and Safety

Krysta Garton¹, Liane Barefoot¹, Mari Iromoto¹, Nataly Farshait², Anthony Soung Yee², ¹*Cambridge Memorial Hospital*, ²*Healthcare Insurance Reciprocal of Canada*



RESEARCH PRESENTATIONS PRÉSENTATIONS DE RECHERCHE

DAY 2 • DEUXIÈME JOUR | 10:30am-12:00pm |

Breakout Rooms

EQUITY, DIVERSITY AND INCLUSION | *Frontenac* ÉQUITÉ, DIVERSITÉ ET INCLUSION

1 Implementing Culturally Adapted Pediatric Emergency Medicine Curriculum Through Distance Simulation Using the Virtual Resuscitation Room in Pakistan

Jabeen Fayyaz^{1,2}, Adeel Khatri³, Saima Ali³, Maria Bajwa², Ghazanfar Saleem³, Sama Mukhtar³, Anshul Kumar², Isabel Gross⁴, Suzan Kardong-Edgren², ¹*The Hospital for Sick Children*, ²*MGH IHP Harvard*, ³*Indus Hospital and Health Network*, ⁴*Yale University of Medicine*

2 Exploring Cultural Sensitivity During Distance Simulations in Pediatric Emergency Medicine

Jabeen Fayyaz^{1,2}, Margret Jaeger³, Prisca Takundwa⁴, Ammarah Iqbal⁴, Adeel Khatri⁵, Saima Ali⁵, Sama Mukhtar⁵, Ghazanfar Saleem⁵, Travis Whitfil⁴, Jonathan Duff⁶, Suzan Kardong Edgren¹, Isabel Gross⁴, ¹*MGH IHP Harvard*, ²*The Hospital for Sick Children*, ³*Medical Anthropologist, Austria*, ⁴*Yale School of Medicine*, ⁵*Indus Hospital and Health Network*, ⁶*University of Calgary*

3 Premiers Peuples en santé; immersion des apprenant.e.s en contexte de simulations de santé

Isabelle Bouchard¹, Nancy Vaillancourt¹, Karine St-Louis¹, Michèle Martin¹, Mélissa Lavoie², ¹*Cégep de Chicoutimi*, ²*Université du Québec à Chicoutimi*

4 Trauma-Informed, Simulation-Based Education: A Scoping Review

Ayan Mack¹, ¹*Mount Royal University*

5 The Effect of Simulation on Nursing Students' Attitude Toward Poverty

Gwen Leigh¹, Jeanne Cartier¹, Cynthia Suire¹, Jeanine Thomas¹, Heather Richardson¹, ¹*University of Louisiana at Lafayette*

SIMULATION-BASED EDUCATION RESEARCH | *Joliet* RECHERCHE EN ÉDUCATION BASÉE SUR LA SIMULATION

1 Exploring Technological Competencies of Distance Simulation Educators: A Nominal Group Consensus Using a Mixed Methods Approach

Maria Bajwa¹, Janice Palaganas¹, Rami Ahmed¹, Susan Seibold-Simpson², Jared Kutzin³, Yoon Soo Park¹, ¹*MGH Institute of Health Professions*, ²*SUNY Delhi School of Nursing*, ³*Icahn School of Medicine at Mount Sinai*

2 Augmenter l'engagement d'étudiants en sciences infirmières grâce à un système immersif

Stéphanie Carrier-Corbeil¹, Geneviève Dottini¹, Louise-Andrée Brien¹, ¹*Université de Montréal*

RESEARCH PRESENTATIONS PRÉSENTATIONS DE RECHERCHE

DAY 2 • DEUXIÈME JOUR | 10:30am-12:00pm |

Breakout Rooms

SIMULATION-BASED EDUCATION RESEARCH | *Joliet* RECHERCHE EN ÉDUCATION BASÉE SUR LA SIMULATION

3 Expérience d'éducateurs dans l'enseignement de la prise de décision en contexte d'incertitude sur un environnement d'apprentissage simulé

Marie-France Deschênes¹, Haifa Akremi¹, Bernard Charlin¹, Vincent Jobin¹, Nicolas Fernandez¹,
¹Université de Montréal

4 Lawshe's Content Validity Index of the Clinical Cultural Competence Questionnaire for Physician Simulation Educators from Diverse Cultures

Jabeen Fayyaz^{1,2}, Kim Leighton³, Maria Bajwa², Anshul Kumar², Suzan Kardong-Edgren², ¹The Hospital for Sick Children, ²MGH IHP Harvard, ³Itqan Center of Medical Simulation Qatar

TEACHING & LEARNING | *Chaudière* ENSEIGNEMENT ET APPRENTISSAGE

1 The Impact of Distance Simulation on Pediatric Resuscitation Skill Acquisition: A Randomized Control Simulation Study

Arielle Levy¹, Laila Pinto Coelho², Michael Buyck³, Raphaelle Pelc², Céline Thémelin⁴, Jocelyn Gravel²,
¹CHU Sainte-Justine Hospital University Centre, ²CHU Sainte-Justine Mother-Child Simulation Centre, University of Montreal, ³CHU Sainte Justine, ⁴University of Geneva, ⁴Centre hospitalier du Luxembourg

2 HOLOSIM: The Way Forward in Complex Crisis Training

Sanch Gupta¹, Fahad Alam¹, Jordan Tarshis¹, Stephen Choi¹, Elio Belfiore¹, Lilia Kaustov¹, Connor Brenna¹, Victoria May¹, Tarsila Da Cruz¹, Julian Wiegelmann¹, ¹Sunnybrook Health Sciences Centre

3 Simulation-Based Facilitator Development: A Scoping Review

Renee Gordon¹, Jaime Riley¹, Diana Dupont¹, Kelly Day¹, Laura Killam², Beth Rogers³, Elizabeth Horsley⁴,
¹University of New Brunswick, ²Cambrian College, ³Texas Christian University, ⁴The Brooklyn Hospital Center

4 Embodying an Inclusive Approach: Collaborating with Students to Create an Open Educational Resource on Designing Virtual Gaming Simulations

Michelle Hughes¹, Caitlin Cosgrove², ¹Centennial College, ²Toronto Metropolitan University

5 Educating Primary Care Providers About Sexual Health Disturbance in Breast Cancer Survivorship Care Using Virtual Simulation: A Feasibility Study

Amina Silva¹, Marian Luctkar-Flude¹, ¹Queen's University

RESEARCH PRESENTATIONS
PRÉSENTATIONS DE RECHERCHE DAY 2 • DEUXIÈME JOUR | 10:30am-12:00pm |
Breakout Rooms

TEAMWORK & HUMAN FACTORS | Bytowne
TRAVAIL D'ÉQUIPE ET FACTEURS HUMAINS

- 1 Insights into Nurses' Situation Awareness in Pre-Cardiac Arrest Simulations Using Eye-Tracking**
Patrick Lavoie^{1,2}, Alexandra Lapierre^{1,2}, Imène Khetir^{1,2}, Amélie Doherty², Nicolas Thibodeau-Jarry^{2,3},
Nicolas Rousseau-Saine^{2,3}, Maude Crétaz^{1,2}, Rania Benhannache^{1,2}, Tanya Mailhot^{1,2}, ¹Université de Montréal,
²Montreal Heart Institute, ³Université de Montréal
- 2 Interprofessional Code Blue: Developing Self-Efficacy, Teamwork Skills and Competency to Respond to In-Hospital Emergencies**
Jen Mohaupt¹, Arden Azim¹, Joanna Pierazzo¹, Matthew Sibbald¹, Margo Mountjoy¹, Kristen Burrows¹,
Kate Demers¹, ¹McMaster University
- 3 Pre-Briefing Techniques that Promote Psychological Safety and Clinical Reasoning in Nursing Students**
Holldrid Odreman¹, Stephen Shears², ¹Niagara College, ²Public Health Nurse & Emergency Services,
Niagara Region
- 4 Enhancing Team Learning and Assessment Through Technology-Based Simulation: A Critical Review**
Ingrid de Vries¹, ¹Queen's University



RESEARCH PRESENTATIONS PRÉSENTATIONS DE RECHERCHE

DAY 2 • DEUXIÈME JOUR | 10:30am-12:00pm |

Breakout Rooms

VIRTUAL | *Capitale* VIRTUEL

1 Virtual Clinical Simulations Focusing on Mental Health Concepts as a Teaching Tool in Health Professional Education: An Expanded Scoping Review

Katherine E. Timmermans¹, Laura A. Killam^{1,2,3}, Mercedes Lock^{2,1,4}, Frances C. Cavanagh¹,
Marian Luctkar-Flude², ¹*Cambrian College*, ²*Queen's University*, ³*Nipissing University*, ⁴*University of Ottawa*

2 Understanding Clinical Reasoning Using AI-Powered Virtual Simulation

Stephanie Kennedy¹, Richard Booth¹, ¹*University of Western Ontario*

3 IVR Simulation Development with a Nursing Workflow Approach: Optimizing Experiential Learning for Respiratory Distress Management

Halyna Yurkiv¹, Cristina Catallo², Kristine Newman², ¹*Western University*, ²*Toronto Metropolitan University*

4 Evaluation of Virtual Gaming Simulation on Knowledge Acquisition, Transfer of Learning and Perception of Learning in Physiotherapy Students: A Pilot Study

Jaimie Coleman¹, Sharon Gabison¹, Sonya Allin¹, Maddy Reesor¹, Katherine Hermanto¹, Daniel Jin¹,
Rachel Seguin¹, Nirma Jbara¹, Selina Li¹, ¹*University of Toronto*

5 Evaluation of a Large Pan-Canadian Virtual Simulation Program

Margaret Verkuyl¹, Efrem Violato², Nicole Harder³, Theresa Southam⁴, Mélanie Lavoie-Tremblay⁵,
Sandra Goldsworthy⁶, Wendy Ellis⁷, Suzanne Campbell⁸, Lynda Atack¹, ¹*Centennial College*,
²*North Alberta Institute of Technology*, ³*University of Manitoba*, ⁴*Selkirk College*, ⁵*University of Montreal*,
⁶*Mount Royal University*, ⁷*George Brown College*, ⁸*The University of British Columbia*

DEMO SHOWCASE PRESENTATIONS VITRINE DE DÉMONSTRATIONS

DAY 2 • DEUXIÈME JOUR | 1:00pm-2:30pm | *International Ballroom and Hall*

1 Incorporating a Screen-Based Opioid Simulation into a Patient Safety Course

Michelle Brown¹, Erin Blanchard¹, Lorie Harper², ¹*University of Alabama at Birmingham*, ²*The University of Texas at Austin*

2 Video-Based Virtual Simulation Module (V-SiM) Training for Medical Laboratory Science (MLS) Students

Zohreh Hosseini¹, Andrei Torres¹, Samira Wahab¹, Donna Smeeton¹, Bill Kapralos¹, Adam Dubrowski¹,
¹*Ontario Tech University*

3 How to Develop Virtual Gaming Simulations for an International Audience of Nursing Students: Details on Experience

Kateryna Metersky¹, Caitlin Cosgrove¹, Michelle Hughes², Alison Smart³, Outi Lastumäki⁴, Sanna Sandström⁴,
¹*Toronto Metropolitan University*, ²*Centennial College*, ³*Queen's University, Belfast, Northern Ireland*,
⁴*Oulu University of Applied Sciences, Finland*

4 Prototyping XR Cricothyroidotomy Simulation

Bruno Gino¹, Robert Ingino², Ali Raza², Adam Dubrowski¹, Alvaro Uribe Quevedo¹, Luciano Frezzatto³,
Byron Perez-Gutierrez⁴, ¹*Ontario Tech University*, ²*SenseTech*, ³*Universidade Federal de Minas Gerais*,
⁴*Universidad Militar Nueva Granada*

5 360-Degree Virtual Reality Video to Teach Neonatal Resuscitation: An Exploratory Development Study

Sevag Tachejian¹, Ahmed Moussa¹, ¹*Université de Montréal*

6 A Success Story: Using Accessible Simulation to Improve IPC Practices in Long Term Care Homes Across Canada

Mohammed Khan¹, Feria Bacchus², Tim Willett³, Jackie Dales⁴, ¹*BoardWalk Group*, ²*HSO*, ³*Simulation Canada*,
⁴*Hastings Manor Long Term Care*

7 Evidence-Based, Serious Simulation Games for Healthcare: Targeting the Next Generation of Gamers

Raquel Meyer¹, Carey Burleigh¹, Christina Gallucci¹, Ian Halliday², ¹*Ontario CLRI at Baycrest*, ²*Launch57*

8 Co-Creation of a Virtual Simulation with Persons Living with Bipolar Disorder: Showcase and Usability

Frances C. Cavanagh¹, Laura A. Killam^{1,2,3}, Natalie Chevalier¹, Katherine Timmermans¹, Marian Luctkar-Flude²,
Jane Tyerman⁴, ¹*Cambrian College*, ²*Queen's University*, ³*Nipissing University*, ⁴*University of Ottawa*

DEMO SHOWCASE PRESENTATIONS VITRINE DE DÉMONSTRATIONS

DAY 2 • DEUXIÈME JOUR | 1:00pm-2:30pm | *International Ballroom and Hall*

9 The Rise of VR in Healthcare Simulation-Integrating Virtual Reality into Undergraduate Nursing Curriculum, a Comprehensive Approach

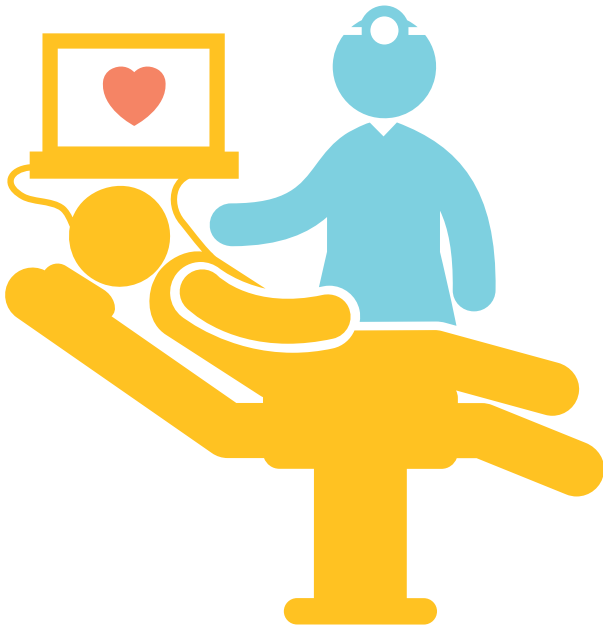
Kimberly Workum¹, ¹*University of Manitoba*

10 Employing Graphic Novel and Comic Techniques for Online Simulation Design

Roger Chow¹, ¹*The Michener Institute of Education at UHN*

11 Open Chest Resuscitation of the Post Cardiac Surgical Patient

Stephanie Bailey¹, Dawn Cicchini¹, ¹*Allegheny Health Network, STAR Simulation Center*



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Fleming College
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Georgian College
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Institute du Savoir Montfort
John Abbott College
Kingston Health Sciences Centre
London Health Sciences Centre
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Queensway-Carleton Hospital
Saskatchewan Health Authority
Sault College of Applied Arts & Technology
Seneca College
Sheridan College
Shock Trauma Air Rescue Service (STARS)
Sinai Health System
St. Lawrence College
The Hospital for Sick Children
Toronto Metropolitan University
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EXHIBITORS EXPOSANTS

CAE Healthcare www.caehealthcare.com *Booth 4*

CAE Healthcare develops immersive healthcare-education solutions. We support nursing and medical schools, hospitals, governments, militaries, emergency response teams, and allied health programs. Our training solutions include patient, ultrasound and interventional simulation; a simulation center management platform; immersive/digital learning; and simulation-based curricula. See how we create a safer world at caehealthcare.com.

Canadian Association of Schools of Nursing (CASN) www.casn.ca *Table B*

The Canadian Association of Schools of Nursing (CASN) is a non-profit organization representing baccalaureate and graduate nursing education programs, with a mission to lead nursing education in the interest of healthier Canadians. CASN establishes standards of excellence for education, supports research and scholarship and is the official accrediting agency for Canadian nursing programs. CASN supports faculty through the creation of teaching and learning resources, continuing education programs and certification exams.

Choice Learning choicelarning.ca *Booth 8*

Choice EMR Learning is the creator of a unique solution that allows industry EMR technology to be used for education. Our comprehensive approach encompasses content creation, support services, and software management, providing an all-in-one solution. Without our unique user setup, patient lists, and workbook, a student's knowledge of an EMR could not be reliably demonstrated. A NEW WAY TO LEARN ELECTRONIC MEDICAL RECORDS: Advancing learners on their path to career success as an applied learning company featuring authentic industry health software training. Acting as both a curriculum company and an electronic medical record (EMR) liaison, we bridge the gaps between educational institutions, students, and EMR software vendors.

CLRI Bayrest clri-ltc.ca *Booth 10*

The Ontario Centres for Learning, Research and Innovation in Long-Term Care (CLRI) strengthen quality of care and living for residents across the province. In support of the Ministry of Health and Long-Term Care, the Ontario CLRI is mandated to build capacity through education, research and knowledge mobilization to improve the health and well-being of people who live and work in long-term care.

Colleges and Institutes Canada (CICan) www.collegesinstitutes.ca *Table C*

We are the national and international voice of Canadian Colleges and Institutes. We are the single point of access to Canada's largest post-secondary network. Our Canadian programs and projects position colleges and institutes as solutions providers for economic, environmental, and societal issues. We work with both government and employers to identify challenges and mobilize strengths of our network to solve them.

EXHIBITORS EXPOSANTS

Echo Healthcare www.echo.healthcare *Booth 16*

We are redefining service and innovation by improving patient outcomes through training, education, and technology. Echo Healthcare has created a “circle of innovation” by bringing diverse product lines that complement one another in a meaningful way and can grow as your programs expand. Echo Healthcare was founded by a group of passionate simulation experts who bring over 40 years of experience into the marketplace.

EdEHR edehr.org *Booth 11*

edehr.org provides everything your school needs to use the EdEHR project to enhance the digital competency of your healthcare learners and to add electronic charting to your simulations. The interprofessional EdEHR project is a Canadian educational electronic health record system that is student focused, and faculty lead; as it puts pedagogy ahead of technology. Use the EdEHR across disciplines by creating your own customized and even ladder case studies.

Gaumard Scientific www.gaumard.com *Booth 3*

At Gaumard, our mission is to empower healthcare providers with innovative training solutions to accelerate progress toward safer patient care and improved patient outcomes for everyone. We focus on developing state-of-the-art patient simulators, task trainers, learning modules, and mixed reality solutions designed to facilitate safe and effective training opportunities for healthcare students and professionals across nearly all clinical specialties. With over 70 years of healthcare simulation experience, Gaumard continues to deliver on its commitment to providing our clients with innovative solutions, world-class service, and exceptional value.

Intelligent Video Solutions www.ipivs.com *Booth 14*

Intelligent Video Solutions designs, implements, and supports audio/video capture tools for healthcare simulation. VALT, our flagship software, simplifies simulation observation, recording, and debriefing. It includes tools to support and collaborate across multiple disciplines and scales to support any number of rooms, departments, and locations. Use VALT to improve simulation learning outcomes. Visit our website to learn more: www.ipivs.com.

Kyoto Kagaku America Inc. www.kyotokagaku.com *Booth 1*

Kyoto Kagaku is a long-running medical simulation company based in Kyoto, Japan, with branches all over the world. We recently celebrated 75 years in the business of manufacturing skill training products for medical and nurse training, including medical imaging phantoms, anatomical models and specimens.

EXHIBITORS EXPOSANTS

Laerdal Medical laerdal.com/ca *Booth 20*

Helping save lives — it's what we do. We believe that no one should die or be disabled unnecessarily during birth, from sudden illness, trauma, or medical errors. As a world leader in healthcare education and resuscitation training, our immersive technologies and data-centric insights increase survival rates and improve healthcare quality.

Limbs & Things limbsandthings.com/us *Booth 6*

Limbs & Things is a leading healthcare simulation manufacturer committed to improving patient outcomes by providing task trainers which facilitate realistic learning experiences. The company collaborates with clinicians to research, design and create products that enable clinical educators to deliver curriculum requirements, bringing greater competence to healthcare professionals worldwide. Limbs & Things are also proud to be the exclusive distributor of TruCorp; experts in lifelike simulation.

PCS Spark www.pcs.ai/spark *Booth 9*

PCS is a technology driven healthcare simulation company founded in 2015 by healthcare simulation industry veterans with over 100 years of combined experience. Leveraging the latest in artificial intelligence and machine learning, PCS delivers best-in-class conversational AI to healthcare students across its product portfolio. With PCS Spark, students are able to engage with virtual simulated patients on-screen, or in virtual reality from practically any location on the globe.

Phokus Research Group www.phokusresearch.com *Booth 18*

Phokus Research Group has developed a clear compact table-top hemorrhage control training devices with specialized wound patterns that promote tactile muscle memory learning to stop the bleed after injury. We also have developed an easily deployable line of medical trauma kits.

RQI Partners rqipartners.com *Booth 19*

RQI Partners, a partnership created by the American Heart Association® (AHA®) and Laerdal Medical, exists to deliver modernized CPR training based on the latest AHA guidelines. RQI Partners delivers the only data-driven and evidence-based CPR training program in the world proven to improve CPR quality.

Sim2Grow www.sim2grow.com *Booth 17*

Introducing Sim2Grow: the medication administration training system designed by nurses, for nurses. Our user-friendly simulation provides unlimited hands-on practice of safe medication administration from med room to bedside. Sim2Grow has been trusted by nursing schools since 2015, delivering realistic & reliable training tools at an affordable price point. Incorporates dispensing, barcode scanning and electronic documentation.

EXHIBITORS EXPOSANTS

Simulab Corporation simulab.com *Booth 13*

Simulab is dedicated to replicating human anatomy and building realistic, affordable, and easy-to-use training tools for medical professionals, that help save lives. For over 25 years we have been the world leader in soft tissue simulation. With one touch you'll see our tissues look, feel, ultrasound suture, and bleed like real human tissue.

Spectrum Educational Supplies spectrumed.ca *Booth 15*

Spectrum Healthcare specializes in training products for Simulationists including manikins, task trainers and virtual simulation platforms with pre-written scenarios. Working with Healthcare educators all across Canada, in both official languages. We offer & stock a wide array of training products from the top manufacturers in the industry like Nasco Healthcare, Gaumard, Vata, Laerdal, American 3B, Kyoto Kagaku, Pocket Nurse & others.

TacMed tacmedsolutions.com *Booth 7*

TacMed Simulation™ offers state-of-the-art training solutions with high-fidelity trauma manikins through its acquisition of TraumaFX®. Designed to offer first responders and military medics the most realistic medical training experience, the life-like simulators provide responders with the autonomous response to field treatment, creating an immersive training experience unlike other medical simulators on the market. This training experience gives first responders the confidence and expertise to effectively work under stressful conditions.

The Learning Network learning.net *Booth 12*

The Learning Network is a leading full-service training company with award-winning XR learning courses. We are a dynamic partner, fostering collaboration and providing a robust Learning Management System (LMS). Our mission is to bridge companies to peak performance, epitomized by our tagline: "Enable Your Greatness."

The University of Alabama at Birmingham (UAB)

<https://www.uab.edu/shp/hsa/graduate/healthcare-simulation/mshs> *Table A*

UAB's Master of Science in Healthcare Simulation is designed to prepare you with leadership and quality improvement skills in healthcare simulation in order to improve patient safety, increase communication effectiveness, refine teamwork, and enhance care delivery. By developing expertise in healthcare simulation, you will be equipped with a unique skill set to impact patient outcomes in your organization through the innovation of simulation.

UbiSim www.ubisimvr.com *Booth 2*

UbiSim is on a mission to make nursing simulation more realistic, effective, and accessible. We provide a scalable solution to nursing simulation that reduces the cost, time, and logistical challenges of traditional simulation methods. UbiSim allows institutions to create repeatable, real-life VR scenarios that provide an engaging, standardized learning experience and helps learners improve clinical judgment, decision-making, team interaction, and patient engagement skills.

INDUSTRY SUPPORTERS LES SOUTIENS DE L'INDUSTRIE

Affinity Learning affinitylearning.ca

Easily create interactive simulations that engage learners and improve learning outcomes. Rapidly build learning experiences using intuitive building blocks, and integrate existing media like images, videos, audio, documents, and more. As an Ontario-based technology company, Affinity is trusted by educators across Canada in fields like Nursing, Paramedicine, PSW, Medical Laboratory Sciences, Sonography, Medicine, Public Safety, Social Work, and more.

HealthySimulation.com www.HealthySimulation.com

[HealthySimulation.com](http://www.HealthySimulation.com) is the world's leading healthcare simulation resource website featuring daily news, conference updates, online CE/CME webinars and courses, job and event listings, product demonstrations, research highlights, and more! Use discount code "SIMCANHS1" for 10% off our webinars and courses!

HIROC www.hiroc.com

HIROC is a trusted healthcare safety advisor, committed to offering a full spectrum of insurance products and support throughout a claim. Combined with sage counsel and risk management solutions, HIROC works with its partners to increase safety. Healthcare risk management and patient safety are the cornerstones of our work and something that sets us apart from commercial insurers. A diverse set of tools and resources is geared to helping healthcare organizations identify, assess, report and manage their key organizational risks.

Pocket Nurse www.pocketnurse.com/international

Nurse-owned since 1992, Pocket Nurse® offers over 5,300 products for simulation-based learning from trusted industry brands. Curated by our team of Registered Nurses, Pocket Nurse® products serve the needs of many healthcare curricula and specialties such as nursing, EMS, pharm tech, physical therapy, allied healthcare, and more. Visit PocketNurse.com/International to view available products in Canadian dollars. Contact Stacey Haywood, International Business Development Manager, at our Ontario office: shaywood@pocketnurse.com.



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ABOUT SIMULATION CANADA

We are Canada's interprofessional, cross-sector, nonprofit network for the advancement of simulation in healthcare and beyond. We connect the simulation community, facilities, and resources across Canada and link to national and international [stakeholders](#). We advocate for and advance simulated learning in education and in practice for the benefit of patient care and safety.

[Join with us](#) to engage with our passionate community (3000+ simulationists and 150+ institutions), contribute to the advancement of simulation, receive discounts on our events, courses and services, connect with our community and experts, receive exclusive news, notices and tips, access grants and funding opportunities, and more.

We offer professional development and simulationist certification, including the nationally-recognized [Keystones of Simulation](#) certificate program.

In addition, we host a number of free, online services that are open to educators across the globe. This includes the [SIM Scenario Exchange™](#) for peer-reviewed simulation scenarios and tools, the [SIM Marketplace™](#) for the buying and selling of gently-used simulation equipment, the [SIM Company Directory](#), and more.

À PROPOS DE SIMULATION CANADA

Nous sommes le réseau interprofessionnel et intersectoriel à but non lucratif du Canada pour l'avancement de la simulation dans les soins de santé et au-delà. Nous mettons en contact la communauté, les installations et les ressources de simulation à travers le Canada et nous établissons des liens avec les [parties prenantes](#) nationales et internationales. Nous défendons et faisons progresser l'apprentissage par simulation dans l'enseignement et la pratique au profit des soins et de la sécurité des patients.

[Rejoignez-nous](#) pour vous engager avec notre communauté passionnée (plus de 3000 personnes et plus de 150 organismes), contribuer à l'avancement de la simulation, bénéficier de réductions sur nos événements, cours et services, entrer en contact avec notre communauté d'experts, recevoir des nouvelles exclusives, des avis et des conseils, accéder à des subventions et à des opportunités de financement, et plus encore.

Nous proposons un développement professionnel et une certification pour les professionnels de la simulation, y compris le programme de certificat [Keystones of Simulation](#), reconnu au niveau national.

En outre, nous hébergeons un certain nombre de services en ligne gratuits ouverts aux éducateurs du monde entier. Il s'agit notamment de [l'Échange de scénarios SIM](#) pour des scénarios et des outils de simulation évalués par les pairs, du [Marché SIM](#) pour l'achat et la vente de matériel de simulation en bon état, de [l'Annuaire des entreprises SIM](#), et plus encore.



For information on Simulation Canada and our services, please contact:

info@simulationcanada.ca for general information and inquiries

education@simulationcanada.ca for education, including courses and educational services

expo@simulationcanada.ca for the 2024 SIM Expo, including registration and sponsorship

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