



NOVEMBER 25 & 26 • 25 ET 26 NOVEMBRE  
FAIRMONT BANFF SPRINGS  
BANFF, ALBERTA

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**WIFI**

WiFi Networks: **Fairmont** or **Fairmont\_Meeting**    Passcode: **sim2024**



## SIMULATION AND ADVOCACY

The importance of simulation is growing – both for workforce development and for quality improvement and patient safety. This year, we focus on how we can better advocate for, within, and using simulation: How can we convey to leaders and stakeholders the value of simulation and investment in it? How can we advocate within simulation for personal and team growth? And how can we use simulation to help our learners develop skills to more effectively advocate on behalf of their patients and clients? Join us as we explore the many perspectives on this unique and powerful intersection!

## SIMULATION ET PLAIDOYER

L'importance de la simulation ne cesse de croître, tant pour le développement de la main-d'œuvre que pour l'amélioration de la qualité et de la sécurité des patients. Cette année, nous nous concentrons sur les nombreuses façons dont le concept de plaidoyer peut s'appliquer à la simulation : Comment faire comprendre aux dirigeants et aux parties prenantes la valeur de la simulation et de l'investissement dans ce domaine ? Comment pouvons-nous plaider au sein de la simulation pour le développement des individus et des équipes ? Et comment pouvons-nous utiliser la simulation pour aider nos apprenants à développer des compétences leur permettant de défendre plus efficacement les intérêts de leurs patients et de leurs clients ? Rejoignez-nous pour explorer les nombreuses perspectives de cette intersection unique et puissante !



2024  
SIM  
EXPO

## OUR ADVOCACY JOURNEY NOTRE PARCOURS DE PLAIDOYER



Keeping with this year's theme of simulation and advocacy, we wanted to share some roses, buds, and thorns from the Simulation Canada community. Our comprehensive survey following last year's SIM Expo revealed some common thorns, along with many promising roses and buds!

**ROSES:** This past year, we celebrated the milestone of over **500 simulationists** completing the Keystones of Simulation Certificate Program! The Virtu-WIL project also continues to bring value, with educators creating and using virtual simulations beyond the project itself. This year, we're adding **22 new free simulations**, including for respiratory therapy and Indigenous health and wellness, while translating and revising many more. Canada's success in simulation has also reached the **global stage** with new affiliations with INACSL, SESAM, SSH, and a seat for our president & CEO on the board of the Global Network for Simulation in Healthcare.

**THORNS:** Of our 108 survey respondents, 84% indicate increased demand for simulation since pre-pandemic, and **98% believe they could grow further with more resources** (77% substantially). Key barriers include demand exceeding capacity, space limitations, funding needs, faculty development, and leadership buy-in.

**BUDS:** There's strong interest in a national quality assurance or accreditation program, and we're launching strategic advisory groups on **advocacy** and **accreditation** to explore these needs. We're also committed to translating the Keystones program to support our French-speaking community. Simulation is already addressing significant healthcare challenges, including the health workforce crisis: half of the surveyed health professions programs describe simulation as "**critical and necessary**," with 26% shifting some clinical placement time to simulation and 16% indicating they could **increase enrolment by increasing simulation capacity** (24% in nursing)! Importantly, regulatory bodies are beginning to recognize the value of simulation in clinical education.

This is an exciting time for simulation, full of opportunity. Use this time at the SIM Expo to share your own roses, buds, and thorns so we can learn from each other's successes!

— The Simulation Canada Team

En accord avec le thème de cette année sur la simulation et le plaidoyer, nous souhaitons partager quelques roses, boutons et épines de la communauté de Simulation Canada. Notre enquête exhaustive suite au SIM Expo de l'année dernière a révélé quelques épines communes, ainsi que de nombreuses roses et boutons prometteurs !

**ROSES :** Cette année, nous avons célébré le jalon de plus de **500 simulationnistes** ayant complété le programme de certificat « Keystones » de la simulation ! Le projet Virtu-AIT continue également d'apporter de la valeur, avec des éducateur·trice·s créant et utilisant des simulations virtuelles au-delà du projet lui-même. Cette année, nous ajoutons **22 nouvelles simulations gratuites**, y compris pour la thérapie respiratoire et la santé autochtones, tout en traduisant et révisant beaucoup d'autres. Le succès du Canada en simulation a également atteint la **scène mondiale** avec de nouvelles affiliations avec INACSL, SESAM, SSH, et un siège pour notre président-directeur général au conseil du Global Network for Simulation in Healthcare.

**ÉPINES :** Parmi les 108 personnes ayant répondu à notre enquête, 84 % signalent une augmentation de la demande pour la simulation depuis avant la pandémie, et **98 % estiment qu'une croissance supplémentaire serait possible avec plus de ressources** (77 % de manière substantielle). Les principaux obstacles comprennent une demande excédant la capacité, des limitations d'espace, des besoins de financement, le développement du personnel enseignant et l'engagement des responsables.

**BOUTONS :** Il y a un fort intérêt pour un programme national d'assurance qualité ou d'agrément, et nous lançons des groupes consultatifs stratégiques sur le **plaidoyer** et l'**agrément** pour explorer ces besoins. Nous nous engageons également à traduire le programme « Keystones » pour soutenir notre communauté francophone. La simulation répond déjà à des défis importants en santé, y compris la crise de la main-d'œuvre en santé : la moitié des programmes de professions de la santé sondés décrivent la simulation comme « **critique et nécessaire** », avec 26 % transférant une partie du temps de stage clinique à la simulation et 16 % indiquant que l'organisme pourraient **augmenter les inscriptions en augmentant la capacité de simulation** 24 % en soins infirmiers) ! De manière importante, les organismes de réglementation commencent à reconnaître la valeur de la simulation dans l'éducation clinique.

C'est une période passionnante pour la simulation, pleine d'opportunités. Profitez de ce moment à l'Expo SIM pour partager vos propres roses, boutons et épines afin que nous puissions apprendre des succès de chacun·e !

— L'équipe de Simulation Canada





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**SIMULATION CANADA TEAM  
L'ÉQUIPE SIMULATION CANADA**





# DAY 1 AGENDA MONDAY, NOVEMBER 25, 2024 | 8:00am – 4:45pm

## PREMIER JOUR : ORDRE DU JOUR LUNDI LE 25 NOVEMBRE | 08h00 à 16h45

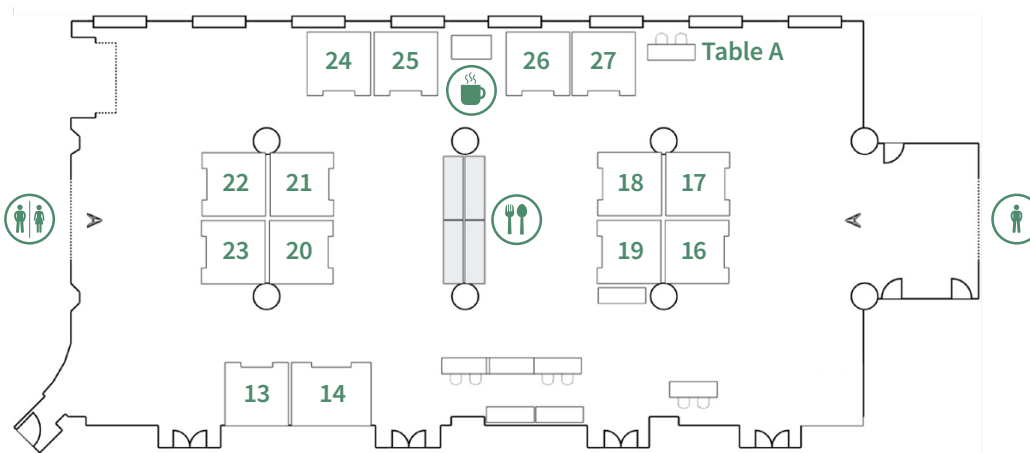
8:00 <sub>am</sub> – 8:30 <sub>am</sub>	<b>Continental Breakfast &amp; Day 1 Check-in   Open Exhibit Hall &amp; XR Zone</b> <i>Riverview Lounge, Alberta/New Brunswick Room &amp; Cascade Ballroom (M2)</i> <b>Inscription et déjeuner   Expositions</b>
8:30 <sub>am</sub> – 9:00 <sub>am</sub>	<b>Welcome &amp; Day 1 Orientation</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Accueil et orientation</b>
9:00 <sub>am</sub> – 10:00 <sub>am</sub>	<b>Keynote Speaker — Advocacy in Action: Strategies to Embed, Integrate and Sustain Simulation in Healthcare</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Conférencier principal</b> Rebecca Szabo
10:05 <sub>am</sub> – 11:20 <sub>am</sub>	<b>Morning Workshops — 75 mins</b> <i>Breakout Rooms</i> <b>Ateliers du matin</b> <b>AM1.1</b> Building Consensus: Navigating CFIR for Effective Simulation Program Implementation <i>Oak Room (M1)</i> <b>AM1.2</b> Taking “STEPS” to Enhance Psychological Safety <i>Conservatory (M2)</i> <b>AM1.3</b> How Extended Reality (XR) Can Be Used for Simulation <i>Ivor Petrak Room (M2)</i> <b>AM1.4</b> Simulation for Communication Skills Training and Assessment <i>New Brunswick Extension (M2)</i> <b>AM1.5</b> Hosting a Large-Scale Simulation Competition <i>Champlain Room (M1)</i>
11:20 <sub>am</sub> – 12:00 <sub>pm</sub>	<b>Exhibit Hall &amp; XR Zone — Explore the 2024 SIM Expo!   Break   Networking</b> <i>Riverview Lounge, Alberta/New Brunswick Room &amp; Cascade Ballroom (M2)</i> <b>Exposition — Explorez le SIM Expo !   Temps de réseautage</b>
12:00 <sub>pm</sub> – 1:00 <sub>pm</sub>	<b>Lunch   2024 SIM Citizenship Award Presentation</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Le dîner   Les prix SIM</b>
1:00 <sub>pm</sub> – 2:30 <sub>pm</sub>	<b>Poster Presentations and Demonstrations</b> <i>Various Locations (M2)</i> <b>Présentations des affiches et des démonstrations</b> See pages 18-21 for the poster themes and demonstration locations   Voir les pages 18 à 21 pour les thèmes des affiches et les emplacements des démonstrations
2:30 <sub>pm</sub> – 3:15 <sub>pm</sub>	<b>Exhibit Hall &amp; XR Zone — Explore the 2024 SIM Expo!   Break   Networking</b> <i>Riverview Lounge, Alberta/New Brunswick Room &amp; Cascade Ballroom (M2)</i> <b>Exposition — Explorez le SIM Expo !   Temps de réseautage</b>
3:15 <sub>pm</sub> – 4:30 <sub>pm</sub>	<b>Afternoon Workshops — 75 mins</b> <i>Breakout Rooms</i> <b>Ateliers de l'après-midi</b> <b>PM1.1</b> Equity Through Simulation: Harnessing the 3R's for Effective Advocacy <i>New Brunswick Extension (M2)</i> <b>PM1.2</b> The Art of Debriefing Inter-Professional Teams In-Situ <i>Conservatory (M2)</i> <b>PM1.3</b> How to Get Started with XR (VR, AR, MR) <i>Ivor Petrak Room (M2)</i> <b>PM1.4</b> ParticipAction : Atelier interactif sur la simulation de désescalade verbale <i>Oak Room (M1)</i> <b>PM1.5</b> The Evergreen Place Story: Create Your Own Long-Term Care Residence <i>Champlain Room (M1)</i>
4:30 <sub>pm</sub> – 4:45 <sub>pm</sub>	<b>2024 SIM Expo Day 1 Reflections</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Réflexions du jour 1</b>

# DAY 2 AGENDA TUESDAY, NOVEMBER 26, 2024 | 8:30am – 4:00pm

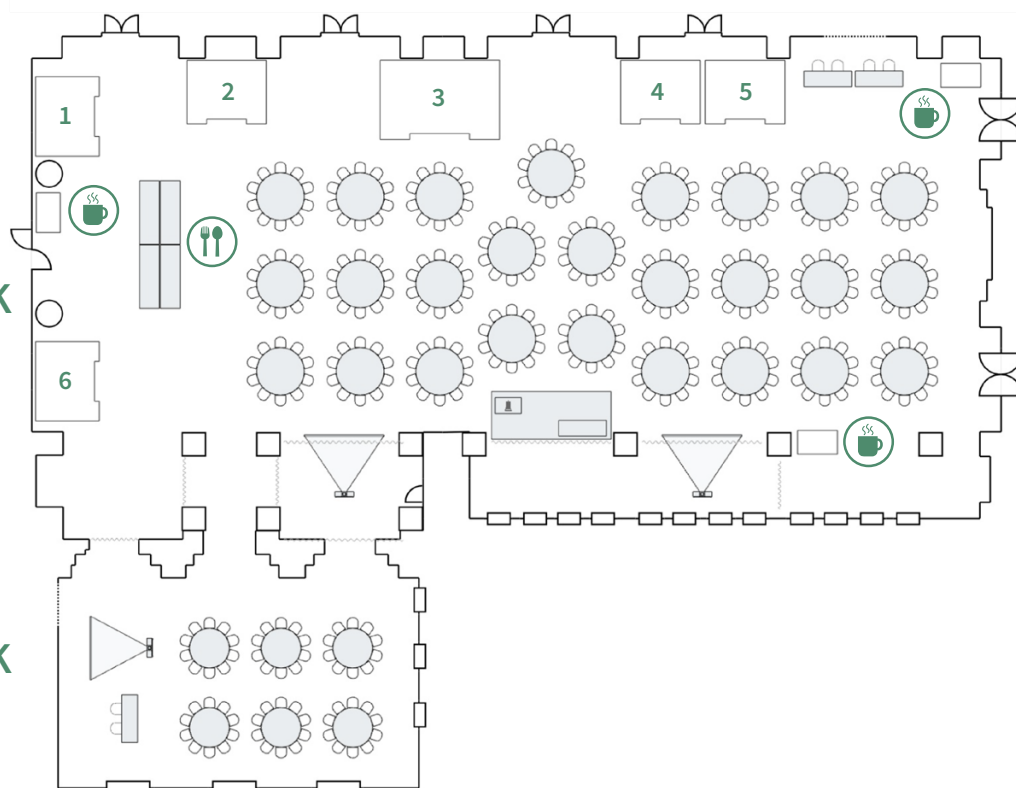
## DEUXIÈME JOUR : ORDRE DU JOUR MARDI LE 26 NOVEMBRE | 08h30 à 16h00

8:30 <sub>am</sub> – 9:00 <sub>am</sub>	<b>Breakfast &amp; Day 2 Check-in   Open Exhibit Hall &amp; XR Zone</b> <i>Riverview Lounge, Alberta/New Brunswick Room &amp; Cascade Ballroom (M2)</i> <b>Inscription et déjeuner   Expositions</b>
9:00 <sub>am</sub> – 9:15 <sub>am</sub>	<b>Welcome &amp; Day 2 Orientation</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Accueil et orientation</b>
9:20 <sub>am</sub> – 10:35 <sub>am</sub>	<b>Morning Workshops — 75 mins</b> <i>Breakout Rooms</i> <b>Ateliers du matin</b> <b>AM2.1</b> Pioneering Transformations: Replacement of Clinical Hours with Simulation to Foster Critical Thinking, Advocacy and Collaboration in a Large-Scale Nursing Program <i>Conservatory (M2)</i> <b>AM2.2</b> Unsure How to Collaborate with Lived Experience Advisors on Simulations? A Case Study for Ethical Co-Production <i>New Brunswick Extension (M2)</i> <b>AM2.3</b> Race to Success: Gamifying Simulation Prep with “Amazing Race” <i>Ivor Petrak Room (M2)</i> <b>AM2.4</b> Leveraging Simulation-Primed Qualitative Inquiry for Socially Situated Research: Insights from an Innovative Research Program <i>Oak Room (M1)</i> <b>AM2.5</b> Using a Large Language Model (ChatGPT) to Write a Healthcare Simulation and Develop Supporting Learning Activities <i>Champlain Room (M1)</i>
10:35 <sub>am</sub> – 11:00 <sub>am</sub>	<b>Exhibit Hall &amp; XR Zone — Explore the 2024 SIM Expo!   Break   Networking</b> <i>Riverview Lounge, Alberta/New Brunswick Room &amp; Cascade Ballroom (M2)</i> <b>Exposition — Explorez le SIM Expo !   Temps de réseautage</b>
11:00 <sub>am</sub> – 12:30 <sub>pm</sub>	<b>Research Presentations</b> <i>Breakout Rooms</i> <b>Présentations de recherche</b> <ul style="list-style-type: none"> <li>• Advocacy and EDI   Plaidoyer et EDI <i>Ivor Petrak Room (M2)</i></li> <li>• Assessment and Evaluation   Évaluation et appréciation <i>Oak Room (M1)</i></li> <li>• IP and Team   Collaboration interprofessionnelle et travail d'équipe <i>Conservatory (M2)</i></li> <li>• Teaching and Learning   Enseignement et apprentissage <i>Champlain Room (M1)</i></li> <li>• Virtual and XR   Virtuel et RV <i>New Brunswick Extension (M2)</i></li> </ul>
12:30 <sub>pm</sub> – 1:30 <sub>pm</sub>	<b>Lunch   2024 SIM Innovator Award Presentation</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Le dîner   Les prix SIM</b>
1:30 <sub>pm</sub> – 2:15 <sub>pm</sub>	<b>Industry Live Demos   Open Exhibit Hall &amp; XR Zone</b> <i>Riverview Lounge, Alberta/New Brunswick Room &amp; Cascade Ballroom (M2)</i> <b>Démonstrations en direct de l'industrie   Expositions</b>
2:15 <sub>pm</sub> – 3:30 <sub>pm</sub>	<b>Afternoon Workshops — 75 mins</b> <i>Breakout Rooms</i> <b>Ateliers de l'après-midi</b> <b>PM2.1</b> Simulation-Based Education as an Advocacy Tool: Addressing Racial Trauma in Education and Community <i>Oak Room (M1)</i> <b>PM2.2</b> Double Black-Diamond Debriefing <i>Ivor Petrak Room (M2)</i> <b>PM2.3</b> Addressing Accessibility in the Design, Development, and Implementation of Simulation-Based Learning <i>Conservatory (M2)</i> <b>PM2.4</b> Le développement de simulations à enjeux élevés : Un processus à ne pas prendre à la légère! <i>Champlain Room (M1)</i> <b>PM2.5</b> Play. Learn. Create. Escaping a Rural Medicine-Themed Zombie Apocalypse <i>New Brunswick Extension (M2)</i>
3:30 <sub>pm</sub> – 4:00 <sub>pm</sub>	<b>2024 SIM Expo Day 2 Reflections   Prize Draws</b> <i>Alberta/New Brunswick Room (M2)</i> <b>Réflexions finales   Tirages au sort</b>

## RIVERVIEW LOUNGE



## ALBERTA/ NEW BRUNSWICK ROOM



## NEW BRUNSWICK EXTENSION

## FLOOR PLANS PLANS D'ÉTAGE

Food Station  
Aliments



Beverage Station  
Brevages



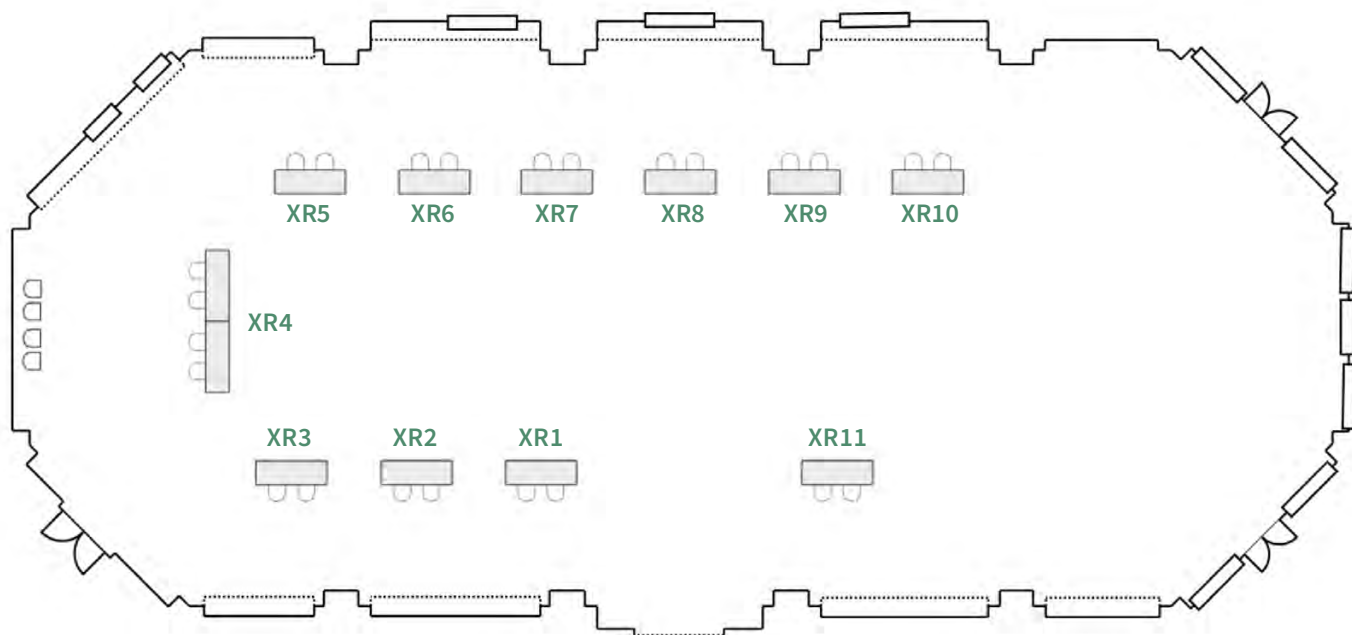
Washrooms  
Toilettes



Affinity	4	Limbs & Things	19
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Elevate Healthcare	5	SIMStation Inc.	21
Gaumard Scientific	3	Simulab Corporation	20
Innov2Learn	25	Spectrum Healthcare	27
Intelligent Video Solutions	26	TacMed Simulation	2
Laerdal Medical	1		



## CASCADE BALLROOM



### XR ZONE FLOOR PLAN PLAN D'ÉTAGE

Alberta Innovates  
 Community Care Connection Inc. (C3)  
 CraftXR  
 ELIXR Simulations  
 GigXR  
 Illumia Labs Inc.  
 Kaleidoscope XR  
 KOVR  
 Lumeto  
 Peregrine Glove  
 TactileVR  
 VR/AR Association  
 Xrenegades

XR4  
 XR5  
 XR7  
 XR4  
 XR11  
 XR1  
 XR3  
 XR6  
 XR9  
 XR8  
 XR10  
 XR4  
 XR2



## 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!

En tant que communauté, nous ne pouvons réaliser ce que nous accomplissons que grâce au dévouement des leaders, champions et bénévoles en simulation à travers le Canada. Merci aux nombreuses personnes qui donnent de leur temps et de leur enthousiasme!

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## KEYNOTE SPEAKER

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

Alberta/New Brunswick Room (Mezzanine II)

### ADVOCACY IN ACTION: STRATEGIES TO EMBED, INTEGRATE AND SUSTAIN SIMULATION IN HEALTHCARE



#### DR. REBECCA A. SZABO

MBBS FRANZCOG MCLinEd GCH (Pall Care) Spec Cert Clin Res (Onc) (she/her)

*Lead of Simulation | Melbourne Medical School | University of Melbourne  
Lead | Women's Health Education & Gandel Simulation Service | Royal Women's Hospital  
Honorary Senior Lecturer | Department of Obstetrics, Gynaecology & Newborn Health  
Honorary Senior Lecturer & PhD Candidate | Department of Critical Care*

The [Global Consensus Statement](#) urges “simulation practitioners to champion healthcare simulation as indispensable.” How do we do this? Drawing on her PhD research using implementation science and her lived experience of embedding and integrating a simulation service in a teaching hospital, Rebecca Szabo will challenge us to realize this call to action. She'll raise pertinent questions for us to consider together, and offer practical strategies to embed, integrate and sustain healthcare simulation.

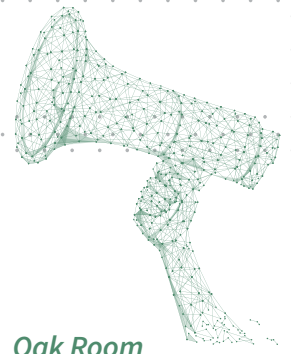
*[Dr Rebecca Szabo](#) (she/her) is an Obstetrician/Gynaecologist and a Medical Educator based in Melbourne, Australia, with several leadership roles in simulation and education. She is the Lead of the [Gandel Simulation Service](#) in Partnership with the University of Melbourne which was established in early 2020 after she secured \$2.4 million initial funding from Gandel Foundation, the University of Melbourne and the Royal Women's Hospital in Melbourne based on her research work.*

*Rebecca is an honorary Senior Lecturer in the Department of Obstetrics, Gynaecology and Newborn Health and the Department of Critical Care at the University of Melbourne. Her PhD research explores how to embed, integrate and sustain, or normalise simulation for systems integration, quality improvement, and patient safety in teaching hospitals.*

*Rebecca is the Chair of the [Royal Australian and New Zealand College of Obstetricians and Gynaecologists Simulation Training and Advisory Group \(STAG\)](#). She has been a member of the [Simulation Australasia Women in Simulation Committee](#) and the immediate past Chair of the Board of [AMaRE – Advanced Maternal and Reproductive Education Australia](#) (ALSO Asia-Pacific) 2020-2023, a director of the board (2017-2023) and an instructor since 2010.*

*Rebecca is passionate about teamwork, patient safety and the role of education and simulation as tools to improve healthcare for all and has regularly supported maternity safety education and simulation in Thailand and Mongolia. She is also passionate about healthcare equity and advocacy, as well as science and health care communication and the responsible use of social media.*

*Her [Twitter/X handle](#) is [@inquisitiveGyn](#).*



## MORNING WORKSHOPS

**ATELIERS DU MATIN** 10:05am-11:20am | 75 minutes | *Breakout Rooms*

**AM1.1 Building Consensus: Navigating CFIR for Effective Simulation Program Implementation** *Oak Room (Mezzanine I)*

Julia Micallef<sup>1</sup>, Krystina Clarke<sup>1</sup>, Refka Albayati<sup>1</sup>, Anjali Jagannathan<sup>1</sup>, Samyah Siraj<sup>1</sup>, Lavern Bourne<sup>1</sup>, JoAnne Arcand<sup>1</sup>, Bruce Karatzoglou<sup>2</sup>, Adam Dubrowski<sup>1</sup> (1. Ontario Tech University, 2. Laerdal Medical)

**AM1.2 Taking “STEPS” to Enhance Psychological Safety** *Conservatory (Mezzanine II)*

Jacqueline Vaughn<sup>1</sup>, Laura Killam<sup>2</sup>, Shannon H. Ford<sup>1</sup>, Stephanie Sims<sup>1</sup>, Emily Diguseppe<sup>1</sup>, Anka Roberto<sup>1</sup>, Colette Waddill<sup>1</sup> (1. University of North Carolina Wilmington, 2. Cambrian College, Nipissing University, Queen's University)

**AM1.3 How Extended Reality (XR) Can Be Used for Simulation** *Ivor Petrak Room (Mezzanine II)*

David Ducasses<sup>1</sup>, Sandra Logan<sup>2</sup>, Jessamine Keith Pagada<sup>2</sup> (1. Kaleidoscope XR, 2. Bow Valley College)

**AM1.4 Simulation for Communication Skills Training and Assessment** *New Brunswick Extension (Mezzanine II)*

Briseida Mema<sup>1</sup>, Lydia Healy<sup>1</sup>, Liron Talmi<sup>1</sup> (1. Hospital for Sick Children)

**AM1.5 Hosting a Large-Scale Simulation Competition** *Champlain Room (Mezzanine I)*

Raegan Gardner<sup>1</sup>, James Huffman<sup>1</sup>, Kellie Ann Vogelaar<sup>1</sup> (1. STARS Air Ambulance)

## AFTERNOON WORKSHOPS

**ATELIERS DE L'APRÈS-MIDI** 3:15pm-4:30pm | 75 minutes | *Breakout Rooms*

**PM1.1 Equity Through Simulation: Harnessing the 3R's for Effective Advocacy** *New Brunswick Extension (Mezzanine II)*

Lyn Sonnenberg<sup>1</sup>, Jade Alcantara<sup>2</sup>, Jerry Maniate<sup>3</sup> (1. Equity in Health Systems (EqHS) Lab / University of Alberta, 2. Equity in Health Systems (EqHS) Lab, 3. Equity in Health Systems (EqHS) Lab / The Ottawa Hospital)

**PM1.2 The Art of Debriefing Inter-Professional Teams In-Situ** *Conservatory (Mezzanine II)*

Glenn Posner<sup>1</sup>, Jennifer Dale-Tam<sup>2</sup>, Doran Drew<sup>1</sup>, (1. University of Ottawa, 2. The Ottawa Hospital)

**PM1.3 How to Get Started with XR (VR, AR, MR)** *Ivor Petrak Room (Mezzanine II)*

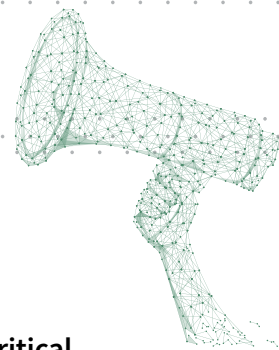
Tania Killian<sup>1</sup> (1. N/A)

**PM1.4 ParticipAction : Atelier interactif sur la simulation de désescalade verbale** *Oak Room (Mezzanine I)*

Sophie Audet<sup>1</sup>, Josee Berends<sup>1</sup> (1. Institut du savoir Montfort)

**PM1.5 The Evergreen Place Story: Create Your Own Long-Term Care Residence** *Champlain Room (Mezzanine I)*

Carnelle Symes<sup>1</sup>, Kala Streibel<sup>1</sup>, Barbara Wilson-Keates<sup>1</sup>, Erin Lowe<sup>1</sup> (1. Red Deer Polytechnic)



### MORNING WORKSHOPS

**ATELIERS DU MATIN** 9:20am-10:35am | 75 minutes | *Breakout Rooms*

- AM2.1 Pioneering Transformations: Replacement of Clinical Hours with Simulation to Foster Critical Thinking, Advocacy and Collaboration in a Large-Scale Nursing Program** *Conservatory (Mezzanine II)*  
Clare Howland<sup>1</sup>, Marlena Pilon<sup>1</sup>, Roger Crowe<sup>1</sup> (1. Bow Valley College)
- AM2.2 Unsure How to Collaborate with Lived Experience Advisors on Simulations? A Case Study for Ethical Co-Production** *New Brunswick Extension (Mezzanine II)*  
Fabienne Hargreaves<sup>1</sup>, Faith Rockburne<sup>1</sup>, Stephanie Sliekers<sup>1</sup> (1. The Centre for Addiction and Mental Health)
- AM2.3 Race to Success: Gamifying Simulation Prep with “Amazing Race”** *Ivor Petrak Room (Mezzanine II)*  
Suzanne Watts<sup>1</sup>, Tonya Whitney<sup>1</sup> (1. Covenant Health)
- AM2.4 Leveraging Simulation-Primed Qualitative Inquiry for Socially Situated Research: Insights from an Innovative Research Program** *Oak Room (Mezzanine I)*  
Taryn Taylor<sup>1</sup>, Lauren Columbus<sup>2</sup>, Sarah Blissett<sup>3</sup> (1. Western University, 2. London Health Sciences Centre, 3. Schulich School of Medicine & Dentistry)
- AM2.5 Using a Large Language Model (ChatGPT) to Write a Healthcare Simulation and Develop Supporting Learning Activities** *Champlain Room (Mezzanine I)*  
Dr. Efrem Violato<sup>1</sup> (1. Northern Alberta Institute of Technology, Centre for Advanced Medical Simulation)

### AFTERNOON WORKSHOPS

**ATELIERS DE L'APRÈS-MIDI** 2:15pm-3:30pm | 75 minutes | *Breakout Rooms*

- PM2.1 Simulation-Based Education as an Advocacy Tool: Addressing Racial Trauma in Education and Community** *Oak Room (Mezzanine I)*  
Ayan Mack<sup>1</sup>, Marva Ferguson<sup>1</sup> (1. Mount Royal University)
- PM2.2 Double Black-Diamond Debriefing** *Ivor Petrak Room (Mezzanine II)*  
James Huffman<sup>1</sup>, Raegan Gardner<sup>1</sup>, Kellie Ann Vogelaar<sup>1</sup>, Jennifer Fosty<sup>1</sup> (1. STARS Air Ambulance)
- PM2.3 Addressing Accessibility in the Design, Development, and Implementation of Simulation-Based Learning** *Conservatory (Mezzanine II)*  
Howard Fruitman<sup>1</sup>, Asha Maharaj<sup>1</sup>, Branka Agic<sup>1</sup>, Holly Harris<sup>1</sup>, Stephanie Sliekers<sup>1</sup>, Petal Abdool<sup>1</sup>, Jerry Maniate<sup>2</sup>, Erin Lee<sup>1</sup> (1. The Centre for Addiction and Mental Health, 2. The Ottawa Hospital)
- PM2.4 Le développement de simulations à enjeux élevés : Un processus à ne pas prendre à la légère!** *Champlain Room (Mezzanine I)*  
Mona Ziadi<sup>1</sup>, Christine Genest<sup>2</sup>, Maude Blackburn<sup>1</sup>, Patrick Lavoie<sup>1</sup>, Mohammed Abbad<sup>1</sup> (1. Centre EXeSS, Université de Montréal, 2. University of Montreal)
- PM2.5 Play. Learn. Create. Escaping a Rural Medicine-Themed Zombie Apocalypse** *New Brunswick Extension (Mezzanine II)*  
Claire Ahart<sup>1</sup>, Anthony Seto<sup>2</sup>, Nadine Terpstra<sup>1</sup>, Annamaria Mundell<sup>1</sup> (1. Alberta Health Services, 2. University of Calgary)



## SIM AWARDS

LES PRIX SIM DAY 1 • PREMIER JOUR | 12:00pm-1:00pm | *Alberta/New Brunswick Room (Mezzanine II)*

### 2024 SIM CITIZENSHIP AWARD PRIX DE CITOYENNETÉ SIM



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

This award recognizes simulationists across Canada who have made incredible contributions in the field of healthcare simulation. It honours those who have made an outstanding impact on building the simulation community, education, creative professional activities, advocacy, research, and other endeavours. The award celebrates collaborative and dedicated simulationists who have advocated for and championed simulation in their communities. Importantly, this award recognizes leading simulationists who may not be otherwise celebrated through more traditional academic awards.

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

Le prix de citoyenneté SIM reconnaît les simulateurs du Canada qui ont apporté d'importantes contributions dans le domaine de la simulation de soins de santé. Il rend hommage à ceux qui ont eu un impact exceptionnel sur l'épanouissement de la communauté de simulation, l'éducation, les activités professionnelles créatives, le plaidoyer, la recherche et d'autres efforts. Le prix célèbre les simulateurs/simulatrices collaboratifs et dévoués qui ont préconisé et défendu la simulation dans leurs communautés. Fait important, ce prix reconnaît les principaux simulateurs/simulatrices qui peuvent ne pas être célébrés par des prix universitaires plus traditionnels.



## 2024 NOMINEES: | CANDIDATS DE 2024 :

### **NICOLE HARDER** • *University of Manitoba*

For her leadership in integrating virtual simulations into nursing education, significantly expanding the simulation curriculum to encompass over 25% of clinical hours, her role in the Virtu-WIL project, contributions to the RadyVerse, advocating for regulatory policy change in Manitoba, international academic leadership and scholarly contributions, and regional community engagement.

### **CARRIE MEAGHER** • *British Columbia Institute of Technology*

For her exceptional leadership in managing over 100 simulation spaces, her role in establishing the BCIT Simulation Council, her advocacy for the accreditation of the simulation program by the Society for Simulation in Healthcare, and her successful collaboration with external partners to enhance healthcare simulation education, including the development of an Educational Electronic Health Record and the launch of an in-house Simulated Patient program.

### **FEROOZ SEKANDARPOOR** • *University of British Columbia*

For his instrumental role in advancing healthcare simulation through the founding of the BC Simulation Network, his leadership as President of SimGHOSTS where he expanded its global reach to countries including the UK, France, and Singapore, and his contributions to essential educational resources such as the “Capability Framework” and the textbook “Simulation Operations, Technology, and Innovative Practice”.

### **ANTHONY SETO** • *University of Calgary*

For extensive contributions to healthcare simulation, including developing the innovative Mass Gathering Medicine elective, creating low-fidelity simulations such as the “Draw & Doodle Simulation,” directing the rural and remote resuscitation simulation program, and integrating simulation training into lifeguard education for the Lifesaving Society.

### **BARBARA SINCLAIR** • *Western University*

For her pioneering work in developing the Clinical Simulation Suite into a state-of-the-art facility, integrating high-fidelity mannequins and AI-driven simulations, as well as for her contributions to the development of the Simulated Medication Administration Record and Computerized Provider Order Entry systems, which have significantly enhanced nursing education through realistic, technology-integrated learning experiences.

### **JOANNE SLINN** • *Interior Health Authority, BC*

For her leadership in running the simulation program at the Pritchard Sim Centre, her role in co-authoring a COVID-19 simulation guide, establishing a monthly in-situ simulation program for emergency medicine residents, securing funding for simulation projects, and her contributions to research on airborne disease transmission in healthcare settings.

### **RAJANI VAIRAVANATHAN** • *Michael Garron Hospital*

For her unwavering dedication to the simulation community, development of high-fidelity simulation programs for family medicine residents, innovative emergency scenarios including “Is there a Doctor on the Plane?”, recruitment of diverse facilitators from various healthcare professions, mentorship of junior faculty, and contributions to simulation training that have significantly improved medical education and patient outcomes.

## SIM AWARDS

LES PRIX SIM DAY 2 • DEUXIÈME JOUR | 12:30pm-1:30pm | *Alberta/New Brunswick Room (Mezzanine II)*

### 2024 SIM INNOVATOR AWARDS PRIX DE L'INNOVATEUR SIM



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

The SIM Innovator Award is a national award that recognizes an organization that has demonstrated exceptional commitment to innovate, advocate and advance simulation for education, patient safety and/or quality improvement.

This award celebrates an organization at the leading edge of integrating simulation into their activities, using simulation-based strategies to disrupt the status quo and profoundly improve education and/or patient care.

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

Le prix d'innovateur/innovatrice SIM est un prix national qui reconnaît un organisme qui a démontré un engagement exceptionnel à innover, à promouvoir et à favoriser la simulation pour l'éducation, la sécurité des patients ou l'amélioration de la qualité.

Ce prix célèbre les organismes à la fine pointe de l'intégration de la simulation dans leurs activités, en utilisant des stratégies basées sur la simulation pour mettre en question le statu quo et améliorer considérablement l'éducation et/ou les soins aux patients.



## 2024 NOMINEES: | CANDIDATS DE 2024 :

### **BSN EXPERIENTIAL LEARNING PROGRAM** • *British Columbia Institute of Technology*

For the development of a comprehensive simulation framework, integration of Electronic Health Records into the curriculum, expansion of the nursing program by 50% to address workforce shortages, creation of a dedicated student success simulation program, establishment of a research and innovation hub that developed a BSN Simulation Peer Coaching Pathway, and rigorous evaluation of simulation effectiveness using established frameworks.

### **CAMH SIMULATION CENTRE** • *Centre for Addiction and Mental Health*

For pioneering the use of virtual reality (VR) in mental health, the VR Suicide Risk Assessment and VR Opioid Overdose Simulation Trainings, which have trained over 900 learners; integrating these trainings into nursing curricula at the University of Toronto; establishing 16 partnerships with national and international institutions; and conducting ongoing evaluations demonstrating significant improvements in learner confidence and competence in managing high-risk situations.

### **THE RADYVERSE TEAM, RADY FACULTY OF HEALTH SCIENCES** • *University of Manitoba*

For expanding the boundaries of interprofessional virtual reality (VR) simulation that enhances healthcare education and training for students across various disciplines; expanding access to high-quality VR-based education for rural healthcare teams; utilizing VR in international competency assessments for nursing, allowing remote evaluations; and integrating AI-enhanced simulations to improve clinical skills and teamwork in healthcare settings.

### **IMMERSIVE VIRTUAL REALITY SIMULATION (IVRS) PROJECT TEAM** • *University of New Brunswick*

For pioneering the integration of immersive virtual reality simulation (IVRS) in nursing education through the Learn Where You Live program, enhancing access for remote learners, providing real-time feedback in clinical training, expanding the program to include partnerships with the Yukon Territory, and demonstrating a commitment to ongoing evaluation and improvement of educational outcomes.

### **DEPARTMENT OF FAMILY MEDICINE** • *University of Ottawa*

For its pioneering use of virtual reality (VR) applications, including a multiplayer VR escape room for teaching Quality Improvement concepts, a VR scuba experience for stress and anxiety management, and a VR-PTSI tool aimed at helping first responders manage post-traumatic stress injuries, all of which enhance medical education and community mental health advocacy.

## POSTER PRESENTATIONS

### PRÉSENTATIONS DES AFFICHES DAY 1 • PREMIER JOUR | 1:00pm-2:30pm | *Riverview Lounge & Alberta/New Brunswick Room (Mezzanine II)*

#### ADVOCACY/EQUITY, DIVERSITY AND INCLUSION PLAIDOYER/ÉQUITÉ, DIVERSITÉ ET INCLUSION

##### **Enhancing Empathy and Understanding in Healthcare Education through a Virtual Poverty Simulation: Development and Usability Testing**

Laura Killam<sup>1</sup>, Kelly Foltz-Ramos<sup>2</sup>, Arlene de la Rocha<sup>3</sup>, Robin Lockhart<sup>4</sup>, Jane Tyerman<sup>5</sup>, Melissa Ehmke<sup>6</sup>, Marian Luctkar-Flude<sup>7</sup> (1. Cambrian College, Nipissing University, Queen's University, 2. University at Buffalo, 3. Durham College and Ontario Tech University, 4. Midwestern State University Texas, 5. University of Ottawa, 6. SSM Health, 7. Queen's University)

##### **Transformative Learning: Simulation Education in NICU and Paediatrics at a Community Hospital**

Emeline Stevenson<sup>1</sup>, Erica Kang<sup>1</sup>, Sarah Branton<sup>1</sup> (1. North York General Hospital)

##### **Using Virtual Reality Simulation to Address Racism in a Healthcare Setting**

Julia Lee<sup>1</sup>, Lindsay Beavers<sup>1</sup>, Tin Vo<sup>2</sup>, Thanya Duvage<sup>3</sup>, Hollie Mullins<sup>4</sup>, Aradhana Tewari<sup>4</sup>, Allison Needham<sup>4</sup>, Ryan Brydges<sup>1</sup> (1. Simulation Program, Unity Health Toronto, 2. Dalla Lana School of Public Health, University of Toronto, 3. N/A, 4. Unity Health Toronto)

##### **Simulation Canadian Occupational Therapy Education: Advocacy and Guideline Development**

Diane MacKenzie<sup>1</sup>, Marie-Eve Bolduc<sup>2</sup>, Kaitlin Sibbald<sup>1</sup>, Mary Roduta Roberts<sup>3</sup>, Rose Martini<sup>4</sup>, Nancy Forget<sup>2</sup>, Barbara Shankland<sup>2</sup>, Lisa McCorquodale<sup>5</sup>, Anne Hunt<sup>6</sup>, Jonathan Harris<sup>1</sup>, Shone Joos<sup>6</sup>, Jay MacDonald<sup>7</sup>, Jacinthe Savard<sup>4</sup> (1. Dalhousie University, 2. McGill University, 3. University of Alberta, 4. University of Ottawa, 5. Western University, 6. University of Toronto, 7. University of British Columbia)

#### PATIENT SAFETY/QUALITY IMPROVEMENT SÉCURITÉ DES PATIENTS/AMÉLIORATION DE LA QUALITÉ

##### **Paving the Way for Research in a Polytechnic: Learnings from the Implementation of Simulation Research in a Bachelor of Science in Nursing Program**

Joyce Law<sup>1</sup>, Jasica Munday<sup>1</sup>, Amanda Egert<sup>1</sup>, Heather Epp<sup>1</sup>, Robert (Ho-Sup) Kim<sup>1</sup>, Harjot Randhawa<sup>1</sup>, Emily Yang<sup>1</sup> (1. British Columbia Institute of Technology)

##### **Using SIM to Enhance Scope of Practice and Develop Protocols in a Diabetes Education Centre**

Niki Roberts<sup>1</sup> (1. Oak Valley Health)

##### **It's a Bloody Mess! Practice and Safety Review of the Code Transfusion Protocol for Nurses in the Operating Room (OR) and Post Anesthesia Care Unit (PACU)**

Rochelle Rock<sup>1</sup>, Sonia Mendez<sup>1</sup>, Katrina Ayotte<sup>1</sup>, Sarah Branton<sup>1</sup>, Connie Leroux<sup>1</sup>, Komal Patel<sup>1</sup> (1. North York General Hospital)

##### **Simulation-Based Evaluation of Ontario Poison Centre High-Risk Caller Guideline and Algorithm**

Jennifer Allegro<sup>1</sup>, Alison Dodds<sup>1</sup>, Allison Davis<sup>1</sup> (1. Hospital for Sick Children)



## POSTER PRESENTATIONS

**PRÉSENTATIONS DES AFFICHES** DAY 1 • PREMIER JOUR | 1:00pm-2:30pm | *Riverview Lounge & Alberta/New Brunswick Room (Mezzanine II)*

### PLANNING, CURRICULUM DEVELOPMENT & TRAINING PLANIFICATION, DÉVELOPPEMENT DE PROGRAMMES ET FORMATION

**Au-delà du débriefage: un référentiel de compétences intégrant planification et gestion curriculaire destiné aux instructeurs en simulation à temps plein**

Héla Louati<sup>1</sup>, Ilian Cruz Panesso<sup>2</sup>, Pierre Drolet<sup>2</sup> (1. Centre d'Apprentissage des Attitudes et Habiletés Cliniques (CAAHC), 2. CAAHC, Université de Montréal)

**Development of the Protocol Evaluation Tool for Simulation-Based Training Interventions**

Leanne Elliott<sup>1</sup>, Adam Dubrowski<sup>1</sup>, Paul Yelder<sup>1</sup>, Nick Wattie<sup>1</sup> (1. Ontario Tech University)

**A little Ethics in Everything We Do: Involving Ethicists in Healthcare Simulation**

Monique Visser<sup>1</sup> (1. Health Ethics Alliance)

**Using Simulation-Based Education to Train Directors and Clinical Team Managers in De-Escalation**

Elaine Tat<sup>1</sup>, Sarah Branton<sup>1</sup>, Sandy Marangos<sup>1</sup>, Ashmina Damani<sup>1</sup>, Priya Krishna Patel<sup>1</sup> (1. North York General Hospital)

**Sustaining Excellence: Advocating for Diversified Services in Simulation Centres**

Ashley Doyle<sup>1</sup> (1. Northern Alberta Institute of Technology)

### PROFESSIONAL DEVELOPMENT DÉVELOPPEMENT PROFESSIONNEL

**Enhancing a Clinical Support Role using Experiential Learning at A Large Academic Hospital**

Jennifer Dale-Tam<sup>1</sup>, Prudence Menard<sup>1</sup> (1. The Ottawa Hospital)

**Objective Structured Teaching Encounter (OSTE): A Pilot Program for Simulation Education Leaders**

Danaïet Teame<sup>1</sup>, Jasline Moreno<sup>2</sup> (1. Mount Royal University, 2. Montgomery College)

**A Novel Professional Development Training to Build Skills and Resilience in Facilitating a Code Lavender Debrief**

Shawna Lucas<sup>1</sup>, Tucker Gordon<sup>1</sup>, Rachel Antinucci<sup>1</sup>, Howard Fruitman<sup>1</sup>, George James<sup>1</sup>, Stephanie Sliekers<sup>1</sup> (1. Centre for Addiction and Mental Health)

**The View Behind the Glass: Building Capacity in Future Simulation Leaders**

Kala Streibel<sup>1</sup>, Barbara Wilson-Keates<sup>1</sup>, Sherry Davey<sup>1</sup> (1. Red Deer Polytechnic)

## POSTER PRESENTATIONS

### PRÉSENTATIONS DES AFFICHES DAY 1 • PREMIER JOUR | 1:00pm-2:30pm | *Riverview Lounge & Alberta/New Brunswick Room (Mezzanine II)*

## TEACHING & LEARNING ENSEIGNEMENT ET APPRENTISSAGE

### **Learner-Led Simulation in Undergraduate Medical Clerkship**

Brody Laberge<sup>1</sup> (1. Northern Ontario School of Medicine University)

### **Bridging the Gap: Empowering Healthcare Students to Function as Simulation Technicians Through the STEPS Program**

Refka Albayati<sup>1</sup>, Julia Micallef<sup>1</sup>, Krystina Clarke<sup>1</sup>, Samyah Siraj<sup>1</sup>, Adam Dubrowski<sup>1</sup> (1. Ontario Tech University)

### **Draw & Doodle SIM (Low-Fidelity Simulation) Versus Prop SIM (Medium-Fidelity Simulation) to Prepare for Emergencies at Electronic Dance Music Festivals**

Anthony Seto<sup>1</sup>, Connor Hass<sup>1</sup>, Ella Krane<sup>1</sup>, Liam Montgomery<sup>1</sup>, David Lam<sup>1</sup>, Michael McCue<sup>2</sup>  
(1. University of Calgary, 2. University of British Columbia)

### **Effect of High-Fidelity Simulation on Self-Satisfaction and Self-Confidence Among Diagnostic Cardiac Sonography Students**

Babitha Thampinathan<sup>1</sup>, Laura Thomas<sup>1</sup>, Jacqueline Wheatley<sup>1</sup>, Judy Jones<sup>1</sup>, Jennifer Burton<sup>1</sup>, Andrea Johnson<sup>2</sup>, Cameron Redsell-Montgomerie<sup>2</sup> (1. Mohawk-McMaster Institute for Applied Health Science, 2. Mohawk College)

### **Télé-simulation pour les étudiants de médecine**

Mohammed Mouhaoui<sup>1</sup>, Mahmoud Akil<sup>1</sup>, Othman Lmejjati<sup>1</sup> (1. Hassan II University of Casablanca)

## VIRTUAL & XR VIRTUEL ET RV

### **Enhancing Nursing Professional Development Through Virtual Reality Simulation**

Kim Workum<sup>1</sup>, Vanessa Klayh<sup>1</sup>, Jeanne San Miguel<sup>1</sup> (1. University of Manitoba)

### **Development and Evaluation of a Zombie-Themed Rural Medicine Educational Escape Game for Medical Trainees**

Anthony Seto<sup>1</sup>, Claire Ahart<sup>2</sup>, Nadine Terpstra<sup>2</sup>, Annamaria Mundell<sup>2</sup> (1. University of Calgary, 2. Alberta Health Services)

### **Improving Mental Health Outcomes: Virtual Simulation Develops Therapeutic Communication and Collaborative Practice Skills**

Amanda O'Rae<sup>1</sup>, Michelle Cullen<sup>1</sup>, Jennifer Langille<sup>1</sup> (1. University of Calgary)

### **Empowerment Through Innovation: An Interactive Video-Novel for Simulation Readiness in Nursing Education**

Justin Burkett<sup>1</sup>, Karen Cook<sup>1</sup>, Amber Porter<sup>1</sup>, Kayla Dias<sup>1</sup>, Lynda Sea<sup>1</sup> (1. University of Calgary)

### **Enjeux liés au développement, à l'implantation et à l'évaluation d'une simulation dans un environnement virtuel de type Visio-cube ou CAVE en contexte de formation infirmière**

Mona Ziadi<sup>1</sup>, Christine Genest<sup>1</sup>, Maude Blackburn<sup>2</sup>, Karine Rolland<sup>2</sup>, Marie-Hélène Goulet<sup>1</sup>, Louise-Andrée Brien<sup>2</sup>, Emilie Provost-Tremblay<sup>3</sup>, Mohammed Abbad<sup>3</sup> (1. University of Montreal, 2. Centre EXeSS, Université de Montréal, 3. CIUSSS du Centre-Ouest-de-l'Île-de-Montréal)

# DEMO SHOWCASE PRESENTATIONS

## VITRINE DE DÉMONSTRATIONS DAY 1 • PREMIER JOUR | 1:00pm-2:30pm

### 1 Using Simulation-Based Learning to Promote Trauma-Informed Care Approaches for Youth Living in Therapeutic Settings *Alberta/New Brunswick Room (Mezzanine II)*

Angelique Jenney<sup>1</sup>, Nathan Pronyshyn<sup>1</sup>, Krista West<sup>1</sup>, Emma Morgan<sup>1</sup>, Kayla Caravan<sup>1</sup>, Johnathan Williams<sup>1</sup>  
(1. University of Calgary)

### 2 West Coast Reprise: Do-It-Yourself Meta-Simulation Game Worlds to Foster the Next Generation of Healthcare Gamers *Alberta/New Brunswick Room (Mezzanine II)*

Raquel Meyer<sup>1</sup>, Paula Mastrilli<sup>1</sup> (1. Baycrest Academy for Research and Education)

### 3 Unveiling Inequities in Health Assessment: Using Virtual Simulation to Conduct Integumentary System Assessments in Clients with Black or Brown Skin *Riverview Lounge (Mezzanine II)*

Jaime Riley<sup>1</sup>, Diana Dupont<sup>1</sup>, Catharine Simpson<sup>1</sup>, Isdore Chola Shamputa<sup>1</sup>, Karen Furlong<sup>1</sup>,  
(1. University of New Brunswick, Saint John)

### 4 Star Virtual Gaming Simulation (VGS): An Innovation in Responding to Intimate Partner Violence Disclosures in Single Session Therapy *Riverview Lounge (Mezzanine II)*

Serge Nyirinkwaya<sup>1</sup>, Nathan Pronyshyn<sup>1</sup>, Carisa Collins<sup>2</sup>, Dan Neuls<sup>2</sup>, Angelique Jenney<sup>1</sup>  
(1. University of Calgary, 2. Wood's Homes)

### 5 Learning Substance Use Care Through Simulation *Conservatory (Mezzanine II)*

Tara Leary<sup>1</sup>, Clare Cook<sup>2</sup>, Adele Bodson<sup>3</sup>, Michael Roach<sup>3</sup>, Paola Nikodem<sup>3</sup>, Jared Bonis<sup>3</sup>, Kristen Morin<sup>1</sup>  
(1. NOSM University / Health Sciences North, 2. NOSM University, 3. Health Sciences North)

### 6 Using Virtual Reality to Upskill Clinicians in Managing an Opioid Overdose *Ivor Petrak Room (Mezzanine II)*

Petal Abdool<sup>1</sup>, Ahmed Hassan<sup>1</sup>, Tucker Gordon<sup>1</sup>, Stephanie Sliemers<sup>1</sup>, Sean Patenaude<sup>1</sup>, Rebecca Clifford<sup>1</sup>,  
Ashley Smoke<sup>1</sup>, Erin Lee<sup>1</sup>, Michelle Desanti<sup>1</sup>, Ellen Hayes<sup>1</sup>, Fabienne Hargreaves<sup>1</sup>, Rachel Antinucci<sup>1</sup>,  
Laura Pastore<sup>1</sup>, Helen Jennens<sup>1</sup>, Teresa Vanderpost<sup>1</sup>, Sanjeev Sockalingam<sup>1</sup>  
(1. Centre for Addiction and Mental Health)



# RESEARCH PAPER PRESENTATION PRÉSENTATION DU MANUSCRIT DE RECHERCHE

DAY 2 • DEUXIÈME JOUR | 11:00am-12:30pm | *Breakout Rooms*

## ADVOCACY AND EDI | *Ivor Petrak Room (Mezzanine II)* PLAIDOYER ET EDI

### 1 Administrator's Role in Advancing Virtual Simulation

Margaret Verkuyl<sup>1</sup>, Teresa Southam<sup>2</sup>, Mélanie Lavoie-Tremblay<sup>3</sup>, Wendy Ellis<sup>4</sup>, Debbie Kahler<sup>1</sup>, Lynda Atack<sup>1</sup>  
(1. University of Manitoba, 2. Selkirk College, 3. University of Montreal, 4. George Brown College)

### 2 The 'Breast' Approach: Improving the Cardiopulmonary Resuscitation (CPR) Narrative by Disrupting the Status Quo

Kerry Fraser<sup>1</sup>, Kristen Sampson<sup>1</sup>, Gabriela Gonzalez Villacorta<sup>1</sup>, Julia Lee<sup>1</sup>, Nicole Fricker<sup>1</sup>, Sue Zelko<sup>1</sup>, Mark Joithe<sup>1</sup>, Christine Leger<sup>1</sup>, Lindsay Beavers<sup>1</sup> (1. Simulation Program, Unity Health Toronto)

### 3 Advocating for Virtual Simulation as a Signature Pedagogy: A National Survey of Nurse Educators

Barbara Wilson-Keates<sup>1</sup>, Sandra Goldsworthy<sup>2</sup>, Cynthia Baker<sup>3</sup>, Grace Perez<sup>4</sup> (1. Red Deer Polytechnic, 2. Mount Royal University, 3. Canadian Association School of Nursing, 4. University of Calgary)

### 4 Advocating for Change: Building the Case for Simulation in Occupational Therapy Fieldwork

Diane MacKenzie<sup>1</sup>, Kaitlin Sibbald<sup>1</sup> (1. Dalhousie University)

### 5 Equipping the Next Generation: A Collaborative Approach to Developing the STEPS Minor for Simulation Technician Training in Undergraduate Health Sciences

Krystina Clarke<sup>1</sup>, Julia Micallef<sup>1</sup>, Refka Albayati<sup>1</sup>, Samyah Siraj<sup>1</sup>, Ginny Brunton<sup>1</sup>, Efrosini Papaconstantinou<sup>1</sup>, Andrea Cope<sup>1</sup>, Carol Rodgers<sup>1</sup>, Adam Dubrowski<sup>1</sup> (1. Ontario Tech University)

## ASSESSMENT AND EVALUATION | *Oak Room (Mezzanine I)* ÉVALUATION ET APPRÉCIATION

### 1 Developing a National Assessment for the Interprofessional Team: Organization and Role in Training and Assessment

Briseida Mema<sup>1</sup>, Lydia Healy<sup>1</sup>, Liron Talmi<sup>1</sup> (1. Hospital for Sick Children)

### 2 Exploring the Role of Immersive Virtual Reality to Support New Training and Assessment Mandates in Medical Education

Aryana Zarandi<sup>1</sup>, Auva Zarandi<sup>2</sup>, Quang Ngo<sup>1</sup>, Spencer van Mil<sup>1</sup>, Jason Harley<sup>3</sup>, Elif Bilgic<sup>1</sup>  
(1. McMaster University, 2. University of Toronto, 3. McGill University)

### 3 Mobile Skills and Simulation Cart: Demonstrating Value of a New Simulation Program Using a Mixed Methods Evaluation

Jennifer Dale-Tam<sup>1</sup>, Nicole Spence<sup>1</sup>, Prudence Menard<sup>1</sup>, Glenn Barton<sup>1</sup> (1. The Ottawa Hospital)

### 4 Assessment of Simulated Patient Professional Competence: A Scoping Review and Assessment Proposal

Sandra Jaramillo-Rincon<sup>1</sup>, Sergio Leon-Ariza<sup>1</sup>, Elizabeth Rios-Villarreal<sup>1</sup>, Juan- Jose Yepes-Nuñez<sup>2</sup>  
(1. Universidad de los Andes, 2. Universidad de los Andes)

# RESEARCH PAPER PRESENTATION PRÉSENTATION DU MANUSCRIT DE RECHERCHE

DAY 2 • DEUXIÈME JOUR | 11:00am-12:30pm | *Breakout Rooms*

## IP AND TEAM | *Conservatory (Mezzanine II)* COLLABORATION INTERPROFESSIONNELLE ET TRAVAIL D'ÉQUIPE

- 1 “The Patient is Awake and We Need to Stay Calm”: Reconsidering Indirect Communication in the Face of Medical Error and Professionalism Lapses**  
Taryn Taylor<sup>1</sup>, Lauren Columbus<sup>2</sup>, Harrison Banner<sup>1</sup>, Trevor Hines Duncliffe<sup>3</sup>, Natasha Seemann<sup>1</sup>, Rachael Pack<sup>4</sup> (1. *Schulich School of Medicine & Dentistry*, 2. *London Health Sciences Centre*, 3. *Western University*, 4. *Schulich School of Medicine*)
- 2 “Maybe I’m Not That Approachable”: Using Simulation to Explore Team Leaders’ Perceptions of Speaking Up and Listening Down**  
Taryn Taylor<sup>1</sup>, Lauren Columbus<sup>2</sup>, Harrison Banner<sup>3</sup>, Trevor Hines Duncliffe<sup>1</sup>, Natasha Seemann<sup>3</sup>, Priyanka Singh<sup>3</sup>, Rachael Pack<sup>1</sup> (1. *Western University*, 2. *London Health Sciences Centre*, 3. *Schulich School of Medicine and Dentistry*)
- 3 The Interprofessional Windows Model: The Result From a Pilot Project**  
Louise-Andrée Brien<sup>1</sup>, Ilian Cruz Panesso<sup>2</sup>, Pierre Drolet<sup>2</sup> (1. *Centre EXeSS, Université de Montréal*, 2. *CAAHc, Université de Montréal*)
- 4 “See Something Say Something Serotonin Syndrome Simulation” (S6 SIM) to Prepare Medical Teams at Electronic Dance Music Festivals**  
Anthony Seto<sup>1</sup>, Tiana Tindale<sup>2</sup>, Connor Hass<sup>1</sup>, Michael McCue<sup>3</sup> (1. *University of Calgary*, 2. *Alberta Health Services*, 3. *University of British Columbia*)
- 5 “TEAM SIM”: No Impact on Venue (Sim Lab, Online, Room) on Medical Students’ Rating of Escape Game Teamwork Skills Training**  
Anthony Seto<sup>1</sup> (1. *University of Calgary*)

## TEACHING AND LEARNING | *Champlain Room (Mezzanine I)* ENSEIGNEMENT ET APPRENTISSAGE

- 1 A Global Investigation of the Frequency of Distress Experienced by Learners in Simulation**  
Efrem Violato<sup>1</sup>, Thomas Waring<sup>1</sup>, Emilio Violato<sup>1</sup>, Gulshat Kemelova<sup>2</sup> (1. *Northern Alberta Institute of Technology*, 2. *Karaganda Medical University*)
- 2 Designing Simulations with Students During a Course: A Phenomenographic Study**  
Laura Killam<sup>1</sup>, Mercedes Lock<sup>2</sup>, Marian Luctkar-Flude<sup>3</sup> (1. *Queen’s University, Cambrian College, Nipissing University*, 2. *Queen’s University, uOttawa*, 3. *Queen’s University*)
- 3 Simulation for Healthcare and Faculty Development: State of the Art in Morocco**  
Mohammed Mouhaoui<sup>1</sup> (1. *Hassan II University*)



# RESEARCH PAPER PRESENTATION PRÉSENTATION DU MANUSCRIT DE RECHERCHE

DAY 2 • DEUXIÈME JOUR | 11:00am-12:30pm | *Breakout Rooms*

## VIRTUAL AND XR | *New Brunswick Extension (Mezzanine II)* VIRTUEL ET RV

### 1 Comparative Effectiveness of Virtual and Manikin-Based Simulation in Nursing Education: Implications for Advocacy and Quality Improvement

Robert (Ho-Sup) Kim<sup>1</sup>, Barbara Wilson-Keates<sup>2</sup>, Karen Cook<sup>3</sup>

(1. *British Columbia Institute of Technology*, 2. *Red Deer Polytechnic*, 3. *Athabasca University*)

### 2 Immersive Virtual Reality Simulation for Suicide Risk Assessment Training: Innovations in Mental Health Nursing Education

Petal Abdool<sup>1</sup>, Alexander Bahadur<sup>2</sup>, Rachel Antinucci<sup>1</sup>, Fabienne

Hargreaves<sup>1</sup>, Michael Mak<sup>1</sup>, Sanjeev Sockalingam<sup>1</sup> (1. *The Centre for Addiction and Mental Health*, 2. *University of Toronto*)



### 3 Virtual Simulation is More Effective Than Didactic Lectures in Preparing Medical Laboratory Students for Simulation-Based Microtomy Training: Pilot Randomized Control Trial

Zohreh Hosseini<sup>1</sup>, Andrei Torres<sup>1</sup>, Donna Smeeton<sup>1</sup>, Brenda Gamble<sup>1</sup>, Bill Kapralos<sup>1</sup>, Adam Dubrowski<sup>1</sup>

(1. *Ontario Tech University*)

### 4 Methods for Ensuring Rigour in the Development of Virtual Simulation for Clinical Practicum Replacement

Brady Rose<sup>1</sup>, Efrem Violato<sup>1</sup> (1. *Northern Alberta Institute of Technology*)

### 5 Virtual Simulation: The Facilitator's Role

Margaret Verkuyl<sup>1</sup>, Efrem Violato<sup>2</sup>, Teresa Southam<sup>3</sup>, Sandra Goldsworthy<sup>4</sup>, Diane MacEachern<sup>1</sup>, Lynda Attack<sup>1</sup>,

Mélanie Lavoie-Tremblay<sup>5</sup> (1. *Centennial College*, 2. *Northern Alberta Institute of Technology*, 3. *Selkirk College*, 4. *Mount Royal University*, 5. *University of Montreal*)

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### **Affinity** [affinitylearning.ca](https://affinitylearning.ca) *Booth 4*

Easily create rich, interactive virtual experiences that improve learning outcomes. Build learning experiences like simulations and branching scenarios, while supercharging your existing educational content using built-in interactivity editors and generative AI tools. Add any media type to screens, from PDFs to 360° images, and combine content-types to create customized learning experiences. Affinity is trusted by educators across Canada in fields like Nursing, Paramedicine, MLT, Sonography, Medicine, Social Work, and more. *Join us at our booth on Day 2 for a live demo.*

### **Bodyswaps** [www.bodyswaps.co](https://www.bodyswaps.co) *Booth 13*

Hard skills qualify you for the role, but soft-skills will turn it into a career. Harness the power of experiential soft skill training with Bodyswaps — the leading provider of immersive AI simulations for education, healthcare, and enterprise. *Join us at our booth on Day 2 for a live demo.*

### **Choice EMR Learning** [choicelarning.ca](https://choicelarning.ca) *Booth 18*

Choice EMR Learning is known for revolutionizing college simulation training programs in healthcare education. It uses the latest health technologies to provide students with unparalleled learning experiences and aims to build a strong healthcare workforce. By providing job-ready EMR skills training, we are committed to helping learners gain an unfair competitive advantage with our product. *Join us at our booth on Day 2 for a live demo.*

### **Colleges and Institutes Canada** [www.collegesinstitutes.ca](https://www.collegesinstitutes.ca) *Table A*

CICan is the national and international voice of Canada's largest post-secondary education network. It advocates, builds capacity, and drives knowledge to strengthen Canada's publicly supported colleges, institutes, CEGEPs, and polytechnics to meet Canada's biggest challenges. With more than 95% of Canadians living within 50km of a member institution, and thanks to its extensive reach around the globe, CICan works to future-proof communities in Canada and abroad.

### **Echo Healthcare** [www.echo.healthcare](https://www.echo.healthcare) *Booth 23*

At Echo Healthcare, we are passionate about improving patient safety and outcomes through medical simulation. We are redefining service and innovation by bringing diverse product lines that complement one another in a meaningful way and can grow as your programs expand. Our robust product portfolio provides simulation training solutions for all specialties and programs at all learner levels. *Join us at our booth on Day 2 for a live demo.*

### **EdEHR Technologies Inc.** [edeher.org](https://edeher.org) *Booth 24*

EdEHR is the ideal Canadian educational electronic health record and laboratory information system with low cost barcode med admin that bridges theory and practice, and easy to use and flexible Sim Timing® to stage your simulations. *Join us at our booth on Day 2 for a live demo.*

## EXHIBITORS EXPOSANTS

### **Elevate Healthcare** [elevatehealth.net](https://elevatehealth.net) *Booth 5*

Elevate Healthcare, a global leader in healthcare simulation, provides innovative solutions to enhance patient safety and clinical performance. Offering patient simulation, digital platforms, and the advanced LearningSpace debriefing platform, Elevate empowers healthcare professionals to improve outcomes. With tailored training, education, consulting services, and custom industry partnerships, Elevate meets diverse healthcare needs. Supported by a dedicated global customer service team, Elevate Healthcare ensures exceptional support and expertise. *Join us at our booth on Day 2 for a live demo.*

### **Gaumard Scientific** [www.gaumard.com](https://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 develop and market 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 75 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. We invite you to stop by the Gaumard booth to see HAL® S5301, SUSIE® S2400, Pediatric HAL® S2225, and Super TORY® S2220 in action. Speak with our authorized distributor in Canada, Minogue Medical, to explore the best solutions tailored for your program.

### **HIROC** [www.hiroc.com](https://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.

### **Innov2Learn** [innov2learn.ca](https://innov2learn.ca) *Booth 25*

At Innov2Learn, we tackle the healthcare skills shortage with innovative practical training. Our scenario-based simulated medical devices empower learners for real-life situations. Using Bluetooth, our glucometers, thermometers, pulse oximeters, and CO2 detectors are controlled via a user-friendly mobile app or desktop shortcut. Trusted by over 90% of Quebec's nursing programs and many worldwide, Innov2Learn enhances healthcare education through technology. Come try them and see why! *Join us at our booth on Day 2 for a live demo.*

## EXHIBITORS EXPOSANTS

### **Intelligent Video Solutions** [www.ipivs.com](http://www.ipivs.com) *Booth 26*

VALT from Intelligent Video Solutions is a complete hardware and software solution empowering simulation programs to easily capture high-quality audio and video using IP cameras. VALT users quickly and easily view, record and stream video events without extensive IT support. The intuitive, browser-based interface makes it easy to quickly launch or schedule recording sessions, catalog them with relevant data, search and stream video assets from any computer with secure credentials.

### **Laerdal Medical** [laerdal.com/ca](http://laerdal.com/ca) *Booth 1*

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 and improve healthcare quality. *Join us at our booth on Day 2 for a live demo.*

### **Limbs & Things** [limbsandthings.com/us](http://limbsandthings.com/us) *Booth 19*

Collaborating with clinicians and healthcare professionals, Limbs & Things designs and manufactures innovative simulation trainers to enable competent and confident learning. Our cost-effective trainer range provides the ideal solution for hands-on, realistic training. Limbs & Things are also proud to be the exclusive distributor of TruCorp; experts in lifelike simulation.

### **Paradigm Medical Systems** [www.paradigmmedicalsyste.ms.com](http://www.paradigmmedicalsyste.ms.com) *Booth 22*

Exclusive North American distributors of MODEL-med OB/GYN task trainers. Bring incredible tactile realism to your simulations with accurate internal anatomy and dynamic accessories. Remarkable polymer elasticity and durability coupled with the rigidity of accurate internal skeletal structures creates an unparalleled experience, enabling lifelike application of complex maneuvers.

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CHARLIE AND HIS MUM — OB Trainer; GYNECOLOGICAL TRAINER — 7 uteri; PERINEAL REPAIR TRAINER

### **Pocket Nurse** [www.pocketnurse.com/international](http://www.pocketnurse.com/international) *Booth 16*

Nurse-owned and operated since 1992, Pocket Nurse® offers over 5,000 instructional products to enable simulation-based learning for a wide range of healthcare education programs. Carefully curated by our staff of Registered Nurses, our products serve the needs of many healthcare curricula. Categories include Totes, Diagnostic Equipment, Infection Control, Furniture, Patient Care, Demo Dose® simulated medications, Respiratory, Surgical, Media, Educational Models, Simulators and Manikins, Obstetrics and Pediatrics, Moulage, and Student Accessories.

### **RadSim** [www.rad-sim.com](http://www.rad-sim.com) *Booth 14*

RadSim offers MRI Simulators — full size Mock Scanners! The Encore model comes with a realistic façade that mimics the size and shape of MRI scanners, an integrated laser positioning crosshair, finer table movements, a participant squeeze ball, and an emergency stop button. The control panel touchscreen displays provide the ability to adjust table position (in/out, advance to scan, landmark, home), lights, fans, and built-in audio system with scanner protocol sounds.



## EXHIBITORS EXPOSANTS

### **Rib Technologies** [www.ribtechnologies.info](http://www.ribtechnologies.info) *Booth 17*

Rib Technologies is a Toronto-based technology company that specializes in developing fully 3D printed Manikins for healthcare educations by utilizing 4IR capabilities and develop AR/XR software to innovate medical simulation. Our team of experts is passionate about creating practical solutions that disrupt the market and exceed our clients' expectations. Our development process is grounded in years of experience in bringing to market physical training products and fully implementing emerging 4IR technologies. This unique approach allows us to make cost effective, quick iterations to our product development to ensure seamless integration with our propriety software. We have come a long way since our inception, and we owe our success to our commitment to quality and our clients' satisfaction. Join us on our journey to revolutionize healthcare education. Contact us today to learn more about our story. *Join us at our booth on Day 2 for a live demo.*

### **RQI Partners** [rqipartners.com/canada](http://rqipartners.com/canada) *Booth 6*

RQI Partners is a partnership between the American Heart Association and Laerdal Medical, positioning the organizations to deliver innovative resuscitation quality improvement programs that accelerate the impact of their lifesaving mission. *Join us at our booth on Day 2 for a live demo.*

### **SIMStation Inc.** [www.simstation.com](http://www.simstation.com) *Booth 21*

SIMStation is a premium manufacturer of audio-visual recording and debriefing solutions for simulation, learning, and training centers. Our flexible AV solutions offer the highest audio and video quality and the most technically advanced software on the market — extensive in functionality, yet very easy to use.

### **Simulab Corporation** [simulab.com](http://simulab.com) *Booth 20*

Simulab is dedicated to building realistic, affordable, easy-to-use training tools for medical professionals. For 30 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 Healthcare** [spectrumed.ca/en/healthcare](http://spectrumed.ca/en/healthcare) *Booth 27*

At Spectrum Healthcare, we bring training to life with cutting-edge manikins, skills trainers, and virtual simulation platforms. Partnering with healthcare educators across Canada, we offer expert guidance and insights in both official languages. Offering a variety of products from top manufacturers, equals truly tailored solutions. Whether setting up a new sim lab, restocking supplies, or exploring the very latest in healthcare education, we're here to help elevate your training experience.

### **TacMed Simulation** [tacmedsolutions.com/pages/traumafx-is-now-tacmed-simulation](http://tacmedsolutions.com/pages/traumafx-is-now-tacmed-simulation) *Booth 2*

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 firstresponders the confidence and expertise to effectively work under stressful conditions. *Join us at our booth on Day 2 for a live demo.*

## XR ZONE EXHIBITORS

### EXPOSANTS DE LA ZONE XR

#### **Alberta Innovates** [albertainnovates.ca](https://albertainnovates.ca) XR4

Alberta Innovates manages nearly 1,300 projects in a portfolio valued at \$1.33 billion. We work with innovators in all sectors of the economy and all corners of the province to drive entrepreneurship, applied research and industry development. With our impact-based funding programs and services, we are transforming energy systems for a net-zero world, promoting the responsible use of land and water, leveraging provincial strengths in agriculture, and contributing to improved health and well-being by harnessing digital tech and data. We are also advancing emerging technologies and strengthening entrepreneurship for a strong and diversified economy. We operate in 11 locations with more than one million sq. ft. of industrial testing and lab facilities, and 600 acres of farmland. We employ nearly 600 highly skilled scientists, business and technical professionals. From funding to commercialization, we are Alberta's innovation engine!

#### **Community Care Connection Inc. (C3)** [www.communitycareconnection.com](https://www.communitycareconnection.com) XR5

Connect Health XR transforms healthcare engagement through virtual, augmented, and mixed realities, offering a suite of features for patient assessment, treatment, and education. It enables personalized care through real-time data analytics, a living XR lab and an AI driven EMR enriching interactions between healthcare professionals and patients in various settings. This innovative approach heralds a new era in healthcare technology integration.

#### **CraftXR** [craftxr.io](https://craftxr.io) XR7

CraftXR revolutionizes healthcare education with an AI-powered extended-reality platform focused on enhancing non-technical skills like situational awareness, decision-making, and critical thinking. Our immersive simulations accelerate competency, reduce resource bottlenecks, and allow instructors to customize training while providing real-time, objective feedback. CraftXR ensures a seamless and efficient transition from classroom learning to clinical practice, empowering healthcare learners to succeed in real-world environments.

#### **ELIXR Simulations** [www.elixrsim.com](https://www.elixrsim.com) XR4

ELIXR Simulations is a non-profit organization committed to harnessing the potential of virtual and augmented reality (VR/AR) technologies to transform learning. Bringing lessons into virtual worlds accelerates our ability to understand and retain information. We believe that, by fostering collaboration, innovation and hands-on learning, Alberta can become a global hub for immersive technology. Let us show you how VR/AR can elevate your training, research and healthcare practices.

#### **GigXR** [www.gigxr.com](https://www.gigxr.com) XR11

The GigXR Immersive Learning System is the world's leading platform for teaching medical professionals leveraging extended reality and AI technology. Our platform delivers a catalogue of immersive applications and AI capabilities that blend physical and digital elements to enable hyper-realistic, collaborative 3D learning environments built for all-of in-person, hybrid and remote learning. The apps can be used amongst all healthcare curricula while spanning standardised patients, clinical simulations, anatomical cases, and DICOM cases.

## XR ZONE EXHIBITORS

### EXPOSANTS DE LA ZONE XR

#### **Illumia Labs Inc.** [illumialabs.ai](https://illumialabs.ai) XR1

Illumia Labs is a dual-use AI-first technology company that provides workforce intelligence, such as skillset analytics and task automation, supporting SMEs from customer service and hospitality to Aerospace industries — Our AI instructor is easy to integrate with existing systems via API framework.

#### **Kaleidoscope XR** [www.kaleidoscopexr.ca](https://www.kaleidoscopexr.ca) XR3

Kaleidoscope XR is a pioneering technology firm specializing in developing custom immersive solutions through virtual reality, augmented reality and AI solutions tailored for healthcare, education and workforce training. Our mission is to enhance the effectiveness of professional training programs through immersive experiences. Kaleidoscope XR's flagship product, Caregiver VR, revolutionizes caregiver education by enabling realistic, interactive simulations that improve empathy, technical skills, and understanding in caregiving environments.

#### **KOVR** [www.kovr.ca](https://www.kovr.ca) XR6

KOVR specializes in creating immersive training and education simulations using cutting-edge mixed reality technologies. Our solutions empower organizations in healthcare, soft skills training, and industrial equipment training by providing realistic, hands-on learning experiences that enhance skill acquisition, improve safety, and drive performance.

#### **Lumeto** [www.lumeto.com](https://www.lumeto.com) XR9

Lumeto's immersive simulation lab, InvolveXR, aims to meaningfully reduce the huge social and financial cost of medical error. Flexible training in virtual simulated environments can improve the preparedness and confidence of clinicians globally. Lumeto operates across the healthcare spectrum, catering to educators and learners at every level of their competency, enhancing learning outcomes tied to individual and team decision-making, problem-solving, de-escalation and complex or rare procedures. Lumeto is based in Toronto, Canada, and employs a global workforce. Visit [www.lumeto.com](https://www.lumeto.com) to learn more.

#### **Peregrine Glove** [peregrineglove.com](https://peregrineglove.com) XR8

The VR Glove you've been waiting for! The Peregrine VR Glove provides rich hand presence for users in VR simulations. This digital "hands-on" experience means deeper, more impactful simulations and better outcomes for any real world tasks requiring the use of your hands. We also offer software and simulation development services for clients in a variety of industries.

#### **TactileVR** [tactilevr.com](https://tactilevr.com) XR10

Tactile VR is rooted to the core of healthcare with the founder having a background in nursing and intensive care. Founder of Tactile VR, Will Kirkpatrick, MSN, APRN, FNP-C, CCRN, CSCS personally experienced the struggles of healthcare to stay above ground. Healthcare workers shortages continue to worsen around the world while the need for healthcare continues to rise. It became obvious that the healthcare education industry is struggling to serve the healthcare workforce in order to combat the increasing number of healthcare worker shortages.

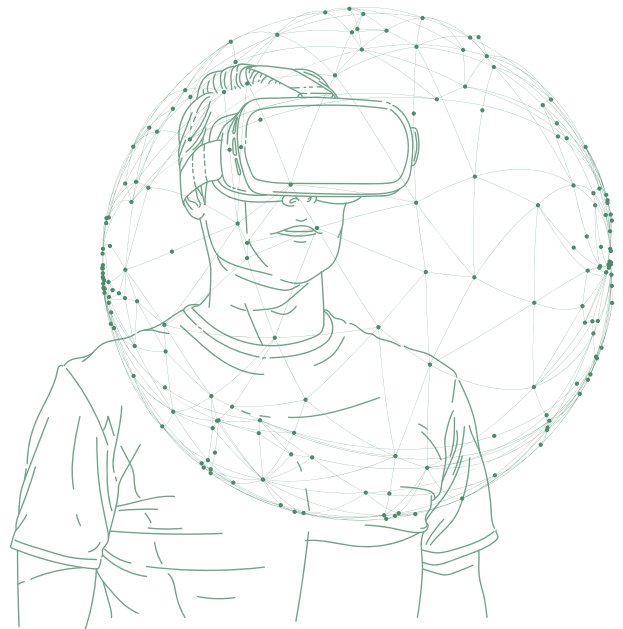
## XR ZONE EXHIBITORS EXPOSANTS DE LA ZONE XR

### VR/AR Association [www.thevrara.com](http://www.thevrara.com) XR4

The VR/AR Association (The VRARA) is an international organization designed to foster collaboration between innovative companies and people in the virtual reality and augmented reality ecosystem that accelerates growth, fosters research and education, helps develop industry standards, connects member organizations and promotes the services of member companies.

### Xrenegades [www.xrenegades.com](http://www.xrenegades.com) XR2

XRenegades, a subsidiary of Firework Media Studio, LLC, specializes in Immersive Virtual, Augmented & Mixed Reality (XR), 360 Degree Tour Design, Technology Training, and VR/AR/XR Reselling. Led by visionary Tess McKinney, XRenegades partners with educational and healthcare sectors to implement cutting-edge XR technologies. With over two decades of industry experience, XRenegades is committed to transforming training and education through innovative, immersive solutions.





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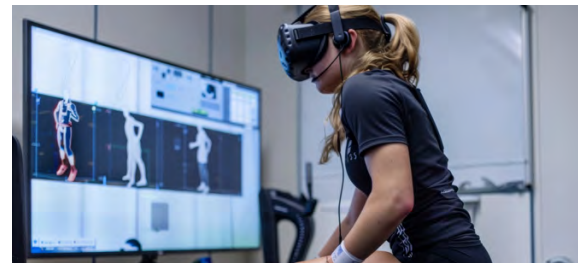
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2

### Project Stream

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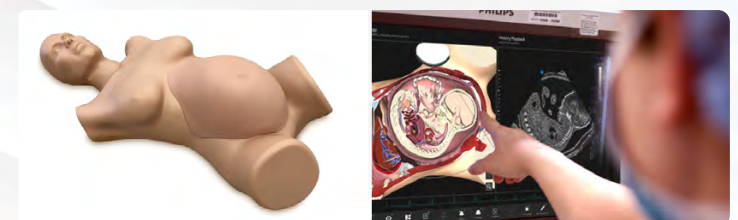
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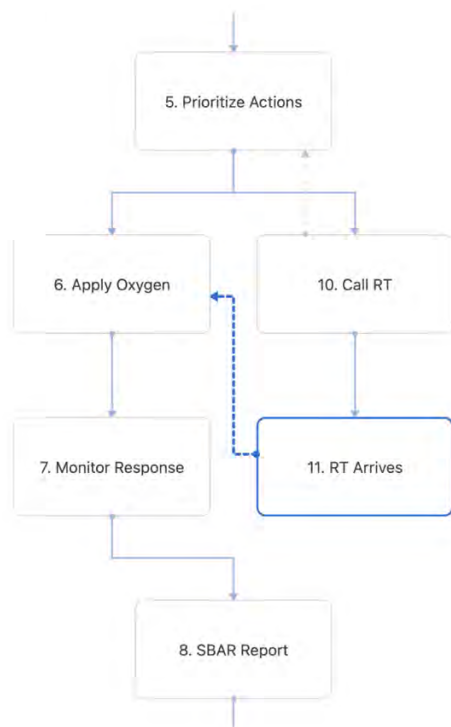
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Connect-Health XR



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in classroom

Confidence



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Focus



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## Connect



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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 [collaborators](#). 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 collaborateurs](#) 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](mailto:info@simulationcanada.ca) for general information and inquiries

[education@simulationcanada.ca](mailto:education@simulationcanada.ca) for education, including courses and educational services

[expo@simulationcanada.ca](mailto:expo@simulationcanada.ca) for the 2025 SIM Expo, including registration and sponsorship

**Keep up with the latest in simulation**

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