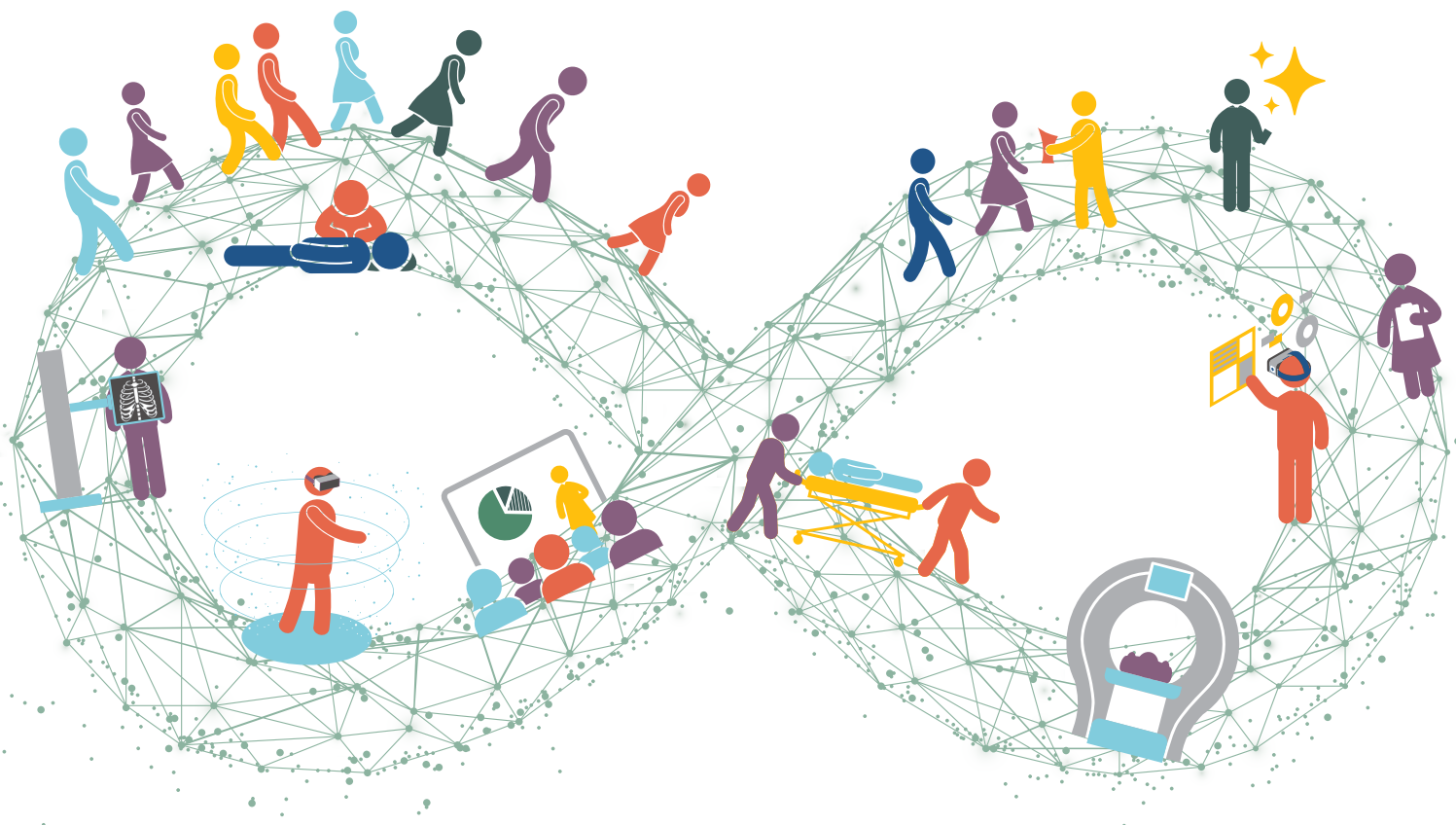




**OFFICIAL PROGRAM
PROGRAMME OFFICIEL**

NOVEMBER 3 & 4 • 3 ET 4 NOVEMBRE
MARRIOTT MONTREAL CHATEAU CHAMPLAIN
MONTREAL, QUEBEC

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WIFI

WiFi Network: **MarriottBonvoy_Conference**

WiFi Code: **SIM2025**





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REFLECTIONS FROM THE TEAM RÉFLEXIONS DE L'ÉQUIPE

As we explore the evolving intersection of AI and simulation, our team took a moment to reflect on this year's theme: Ethics, Evidence, and Execution. Each member offers a personal perspective on how AI is shaping their thinking, their practice, or their hopes for the future.

Alors que nous explorons l'intersection en constante évolution entre l'IA et la simulation, notre équipe a pris un moment pour réfléchir au thème de cette année : Éthique, preuves et mise en œuvre. Chaque membre partage une perspective personnelle sur la façon dont l'IA façonne sa pensée, sa pratique ou ses espoirs pour l'avenir.



I have built extensive automations using tools like Zapier that use AI to expedite some repetitive or tedious operational tasks, like synchronizing information between our website, databases, communication platform, and financial system. I use it to help screen for relevant new research publications and categorize them using a classification system I like. I even find myself using it in place of Google searching, though I always validate the results. I didn't use it to write this paragraph!

J'ai conçu de nombreuses automatisations à l'aide d'outils comme Zapier qui utilisent l'IA pour accélérer certaines tâches opérationnelles répétitives ou fastidieuses, comme la synchronisation des informations entre notre site web, nos bases de données, notre plateforme de communication et notre système financier. Je l'utilise même pour repérer de nouvelles publications de recherche pertinentes et les classer selon un système de catégorisation que j'apprécie. Il m'arrive aussi de m'en servir à la place de Google pour mes recherches—même si je valide toujours les résultats. Et non, je n'ai pas utilisé l'IA pour rédiger ce paragraphe !

— Tim

I've used AI in limited ways, but I'm surprised by its capabilities—and cautious about its use. While it will never replace critical thinking, it has supported my work in practical ways. I've used it to learn new platforms when help sites fell short, with AI customizing step-by-step instructions for my exact application. I've also used it to summarize lengthy text, language translation or generate document templates I can build upon. These tools have made my workflow a little more efficient—and I'm always in favour of speed and efficiency!

J'ai utilisé l'IA de façon limitée, mais je suis surprise par ses capacités—et prudente quant à son utilisation. Bien qu'elle ne remplacera jamais la pensée critique, elle a soutenu mon travail de façon pratique. Je l'ai utilisée, par exemple, pour apprendre de nouvelles plateformes lorsque les sites d'aide ne suffisaient pas, l'IA personnalisant alors les instructions étape par étape selon mon cas précis. Je m'en suis également servie pour résumer de longs textes, traduire des contenus ou générer des modèles de documents sur lesquels je peux m'appuyer. Ces outils ont rendu mon travail un peu plus efficace—et je suis toujours en faveur de la rapidité et de l'efficacité !

— Nicole

I've been pleasantly shocked at how well AI functions as a brainstorming partner, especially when I am stuck! It's helped me to develop ideas for my teaching.

J'ai été agréablement surprise de constater à quel point l'IA fonctionne bien comme partenaire de remue-méninges, surtout lorsque je suis bloquée ! Elle m'a aidée à développer des idées pour mon enseignement.

— Amy

WHAT
IS ONE WAY
AI HAS MADE
YOUR WORK
MORE EFFICIENT
OR CREATIVE?

COMMENT L'IA A-T-ELLE
RENDU VOTRE TRAVAIL
PLUS EFFICACE
OU PLUS
CRÉATIF ?

As a Project Coordinator, AI has significantly enhanced my effectiveness and efficiency in numerous ways which includes automating routine tasks such as scheduling and smart calendar management, improving decision-making, and boosting communication. It has also improved my tasks, reporting and progress tracking, automated data analysis, language translation and document drafting.

En tant que coordonnatrice de projet, l'IA a considérablement renforcé mon efficacité et mon rendement de plusieurs façons, notamment en automatisant des tâches courantes comme la planification et la gestion intelligente du calendrier, en améliorant la prise de décision et en favorisant la communication. Elle a également optimisé mes tâches de suivi, de production de rapports et de suivi des progrès, tout en automatisant l'analyse de données, la traduction linguistique et la rédaction de documents.

— Saudat

AI enhances creativity within my work by acting as a collaborative tool that sparks ideas, offers new perspectives, and supports content creation. It helps me brainstorm, refine writing, design visuals, and handle routine tasks—freeing up time and mental energy so I can focus on innovation and original thinking.

L'IA stimule la créativité dans mon travail en agissant comme un outil collaboratif qui suscite des idées, offre de nouvelles perspectives et soutient la création de contenu. Elle m'aide à faire du remue-méninges, à peaufiner mes écrits, à concevoir des visuels et à gérer des tâches routinières—libérant ainsi du temps et de l'énergie mentale pour que je puisse me concentrer sur l'innovation et la pensée originale.

— Sara

As with a lot of industries, the use of AI is contentious in the design world.

AI is transforming the industry at such breakneck speed, causing disruptive change and sparking a lot of discussion. I currently use AI unintentionally and cautiously, primarily focusing on simple, non-visual tasks to make that aspect of my job more efficient.

Comme dans de nombreux secteurs, l'utilisation de l'IA est controversée dans le monde du design. L'IA transforme le secteur à une vitesse vertigineuse, provoquant des changements disruptifs et suscitant de nombreuses discussions. J'utilise actuellement l'IA de manière non intentionnelle et prudente, en me concentrant principalement sur des tâches simples et non visuelles afin d'optimiser cet aspect de mon travail.

— Venus

DAY 1 AGENDA MONDAY, NOVEMBER 3, 2025 | 8:00am–5:00pm

PREMIER JOUR : ORDRE DU JOUR LUNDI LE 3 NOVEMBRE 2025 | 8 h 00–17 h 00

8:00 _{am} –9:00 _{am} 8 h 00–9 h 00	Continental Breakfast & Day 1 Check-in Open Exhibit Hall <i>Champlain & Foyer, Samuel</i> Inscription et déjeuner Expositions
9:00 _{am} –9:30 _{am} 9 h 00–9 h 30	Welcome & Day 1 Orientation <i>Champlain</i> Accueil et orientation
9:30 _{am} –10:30 _{am} 9 h 30–10 h 30	Keynote Speaker <i>Champlain</i> Conférencier principal <i>Responsible Innovation: The Evolving Role of AI in Simulation-Based Education</i> Dr. Kellie Bryant
10:30 _{am} –11:15 _{am} 10 h 30–11 h 15	Exhibit Hall — Explore the 2025 SIM Expo! Break Networking <i>Champlain & Foyer, Samuel</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
11:15 _{am} –12:30 _{pm} 11 h 15–12 h 30	Morning Workshops — 75 minutes <i>Montreal (36th Floor)</i> Ateliers du matin AM1.1 Improving Your Prebrief: Integrating Updated Evidence from HSSOBP®... <i>Montreal B</i> AM1.2 The Empathy Project: Using Simulation as an Advocacy Tool <i>Montreal C</i> AM1.3 Designing Escape Room Simulations: Enhancing Clinical Competency... <i>Montreal A</i> AM1.4 Artificial Intelligence in Simulation to Support Learners Through Assessment... From Education to Innovation: Applying Design Thinking and Human Factors... <i>Montreal D</i> AM1.5 La simulation à rôles inversés : une approche psychologiquement sécuritaire... <i>Montreal E</i> AM1.6 “Can You Hear Me Now?”: Strengthening Interprofessional Phone Communication... <i>Montreal F</i>
12:30 _{pm} –1:30 _{pm} 12 h 30–13 h 30	Lunch 2025 SIM Citizenship Award Presentation <i>Champlain</i> Le dîner Présentation du Prix Citoyenneté SIM
1:30 _{pm} –2:30 _{pm} 13 h 30–14 h 30	Sim-in-Action Demonstration Presentations <i>Montreal (36th Floor)</i> Présentations de démonstration sim-en-action - A Hybrid Simulator For Fetoscopy Laser Coagulation of Anastomoses in Twin-To-Twin... <i>Montreal A</i> - Dental Care XR: Immersive VR Training for Special Care Dentistry <i>Montreal B</i> - Les facteurs humains en santé au bout des doigts <i>Montreal C</i> - Revolutionizing ICP Monitoring Training with a Custom Waveform Generator... <i>Montreal D</i> - The McGyver Process <i>Montreal E</i>
2:30 _{pm} –3:15 _{pm} 14 h 30–15 h 15	Exhibit Hall — Explore the 2025 SIM Expo! Break Networking <i>Champlain & Foyer, Samuel</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
3:15 _{pm} –4:30 _{pm} 15 h 15–16 h 30	Afternoon Workshops — 75 minutes <i>Montreal (36th Floor)</i> Ateliers de l'après-midi PM1.1 Simulation Rewind—Unlocking Mastery Through Second Chances <i>Montreal B</i> PM1.2 200+ Free Virtual Simulations and How to Use Them <i>Montreal A</i> PM1.3 Réinventer le débriefing en simulation : concevoir et mettre en œuvre... <i>Montreal C</i> PM1.4 Introduction à la simulation de processus <i>Montreal E</i> PM1.5 Show Me the Money! How to Demonstrate Return on Investment... <i>Montreal D</i> PM1.6 A Novel Screening Tool for EDI Content of Virtual Patient Simulation Scenarios <i>Montreal F</i>
	AI Panel • AI Meets XR & Virtual Sim See page 15 for presentation details. <i>Champlain</i> Panel sur l'IA • L'IA rencontre la XR et la simulation virtuelle Voir page 15 pour les détails de la présentation.
4:30 _{pm} –5:00 _{pm} 16 h 30–17 h 00	2025 SIM Expo Day 1 Reflections <i>Champlain</i> Réflexions du premier jour

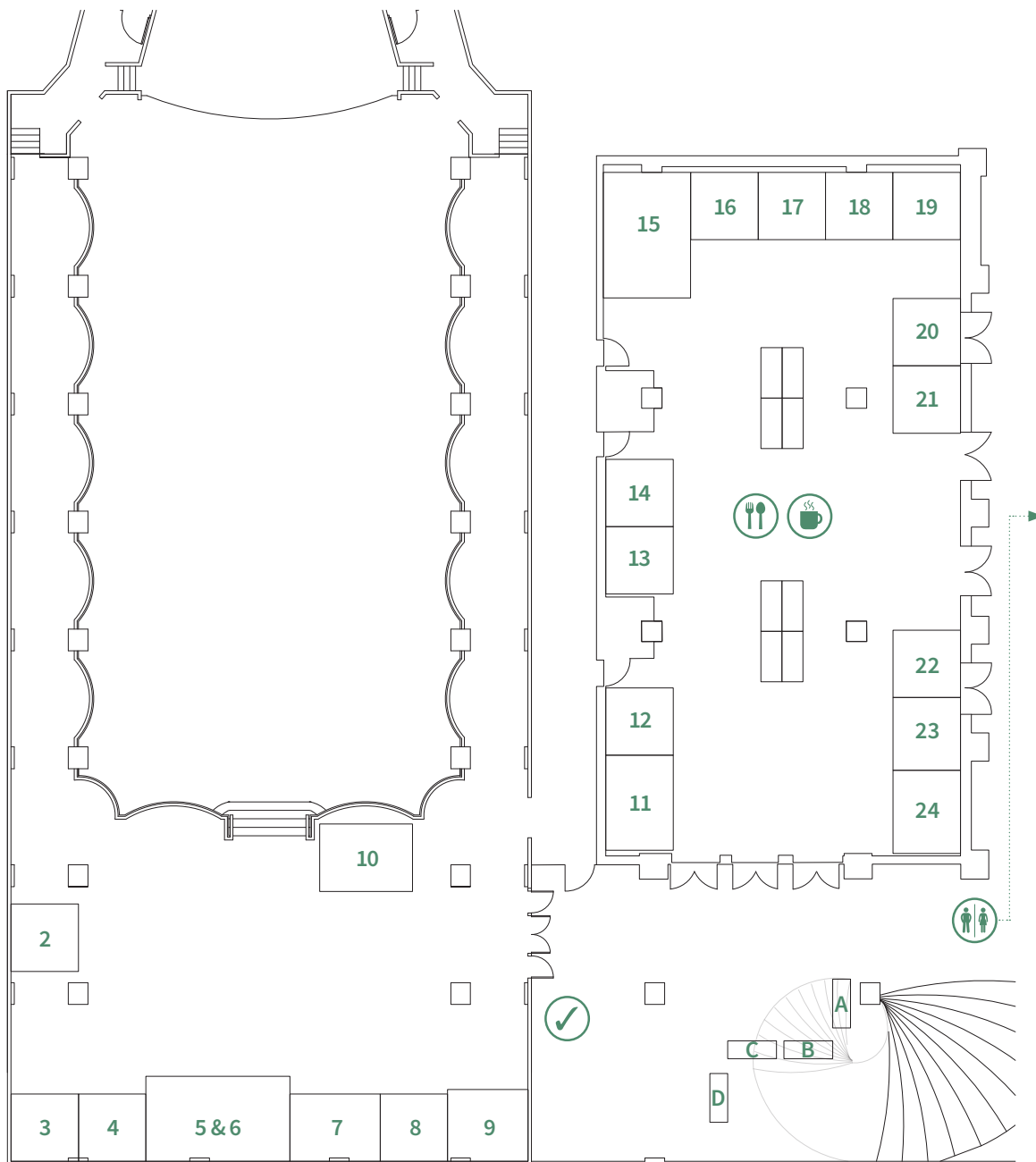
Simultaneous translation available (English to French) during all sessions in the main plenary only. Headsets provided.
Traduction simultanée offerte (de l'anglais vers le français) pendant les séances dans la salle plénière seulement.
Casques d'écoute fournis.

DAY 2 AGENDA TUESDAY, NOVEMBER 4, 2025 | 8:15am – 5:00pm

DEUXIÈME JOUR : ORDRE DU JOUR MARDI LE 4 NOVEMBRE 2025 | 8 h 15 – 17 h 00

8:15am – 9:00am 8 h 15 – 9 h 00	Breakfast & Day 2 Check-in Open Exhibit Hall <i>Champlain & Foyer, Samuel</i> Inscription et déjeuner Expositions
9:00am – 9:15am 9 h 00 – 9 h 15	Welcome & Day 2 Orientation <i>Champlain</i> Accueil et orientation
9:15am – 10:30am 9 h 15 – 10 h 30	Research Paper Presentations <i>Montreal (36th Floor)</i> Présentation des communications scientifiques • Collaboration & Teamwork Collaboration et travail d'équipe <i>Montreal A</i> • Operations & Workforce Development Opérations et développement des effectifs <i>Montreal B</i> • Patient-Centred Care Soins centrés sur le patient <i>Montreal C</i> • Performance Assessment & Debriefing Évaluation des performances et débriefing <i>Montreal D</i> • Product Development, Testing & Training Développement, tests et formation de produits <i>Montreal E</i> • Teaching & Learning Enseignement et apprentissage <i>Montreal F</i>
10:30am – 11:15am 10 h 30 – 11 h 15	Exhibit Hall — Explore the 2025 SIM Expo! Break Networking <i>Champlain & Foyer, Samuel</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
11:15am – 12:30pm 11 h 15 – 12 h 30	Morning Workshops — 75 minutes <i>Montreal (36th Floor)</i> Ateliers du matin AM2.1 “Gamifying Simulation-Based Education: An Innovative, Low-Cost Approach...” <i>Montreal B</i> AM2.2 Introducing VEMS! A Low Resource, Highly Effective Simulation Modality <i>Montreal C</i> AM2.3 Augmented Reality and Interprofessional Simulation: Preparing Students... <i>Montreal A</i> AM2.4 Miroir, mon beau miroir, dis-moi comment porter un regard réflexif sur ma pratique... <i>Montreal E</i> AM2.5 Working with Older Adult SPs in a Safe, Effective and Inclusive Manner <i>Montreal F</i> AM2.6 Advancing Faculty Development: Integrating Objective Structured Teaching... <i>Montreal D</i>
12:30pm – 1:30pm 12 h 30 – 13 h 30	Lunch 2025 SIM Innovator Award Presentation <i>Champlain</i> Le dîner Présentation du Prix Innovateur SIM
1:30pm – 2:45pm 13 h 30 – 14 h 45	Poster Presentations See pages 25–28 for the poster themes. <i>Château Floor</i> Présentations des affiches Voir les pages 25 à 28 pour les thèmes des affiches.
2:45pm – 3:15pm 14 h 45 – 15 h 15	Exhibit Hall — Explore the 2025 SIM Expo! Break Networking <i>Champlain & Foyer, Samuel</i> Exposition — Explorez le SIM Expo ! Temps de réseautage
3:15pm – 4:30pm 15 h 15 – 16 h 30	Afternoon Workshops — 75 minutes <i>Montreal (36th Floor)</i> Ateliers de l'après-midi PM2.1 From Education to Innovation: Applying Design Thinking and Human Factors... <i>Montreal A</i> PM2.2 Rapid Response Simulation: Adapting JIT and Protocol Testing <i>Montreal B</i> PM2.3 Fusion de la Réalité Virtuelle et de l'Intelligence Artificielle : Une Nouvelle Ère... <i>Montreal D</i> PM2.4 Novel Use of a Mentorship Model to Support Nursing Simulation Leadership... <i>Montreal C</i> PM2.5 Layered Realities: Multi-Modal Simulation to Foster Psychological Safety... <i>Montreal E</i> PM2.6 Co-Creating Entrustable Professional Activities (EPA)-Frameworks for Non-Clinical... <i>Montreal F</i> AI Panel • AI for Creating & Facilitating Sim See page 15 for presentation details. <i>Champlain</i> Panel sur l'IA • L'IA pour créer et faciliter la simulation Voir page 15 pour les détails de la présentation.
4:30pm – 5:00pm 16 h 30 – 17 h 00	2025 SIM Expo Day 2 Reflections Prize Draws <i>Champlain</i> Réflexions finales Tirages au sort

Simultaneous translation available (English to French) during all sessions in the main plenary only. Headsets provided.
Traduction simultanée offerte (de l'anglais vers le français) pendant les séances dans la salle plénière seulement.
Casques d'écoute fournis.



CHAMPLAIN BALLROOM

Plenary

SAMUEL BALLROOM

Exhibitor Hall

FLOOR PLAN PLAN D'ÉTAGE

Food Station
Aliments



Beverage Station
Breuvages



Washrooms
Toilettes



SIM Expo Check-in
Enregistrement
à l'Expo SIM



3B Scientific
Affinity
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EdEHR Technologies Inc.
CAN-Sim
Gaumard Scientific
Intelligent Video Solutions
Laerdal Medical
Limbs & Things
Lumeto
Medron Medical Systems Inc.

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Noldus
Oxford Medical Simulation
Pocket Nurse
ProxSIMity Inc.
RIB Technologies
RQI Partners
SIMStation Inc.
Simuhealth
Simulab Corporation
SimX
SkillQube
TacMed Simulation
University of Alabama at Birmingham Table D

SPECIAL ACKNOWLEDGEMENTS MENTIONS SPÉCIALES

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dans vos photos !

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 | 9:30am–10:30am | *Champlain • Château Floor*

PREMIER JOUR | 9 h 30 –10 h 30 | *Champlain • Étage Château*



RESPONSIBLE INNOVATION: THE EVOLVING ROLE OF AI IN SIMULATION-BASED EDUCATION

DR. KELLIE BRYANT

DNP, WHNP, CHSE, FSSH, FADLN, FAAN

*Director for the Center for Innovation in Education Excellence
National League for Nursing*

With the rapid surge of artificial intelligence (AI) across healthcare and education, simulation-based education stands at a pivotal moment—offering unprecedented opportunities to enhance learning, personalize experiences, and transform how we design, deliver, and evaluate training. This session offers a broad exploration of how AI is reshaping simulation-based education—across modalities such as manikin based, simulated participant, computer-based training, and extended reality (XR). While the promise of AI is powerful, this session also addresses critical limitations and ethical considerations—especially those related to data bias, hallucinations, and health equity. Drawing from current applications and real-world examples, the session will highlight how simulationists can responsibly integrate AI into workflows while maintaining the integrity of their work. The session will also explore the importance of institutional guidelines for responsible AI use. This session underscores the power of AI. It, however, stresses the important message that AI is not a substitute for human judgment. It is critical for simulation professionals to embrace AI's potential while continuing to appraise its output critically, ensuring that innovation remains responsible, equitable, and accurate.

Objectives

- Describe emerging applications of AI in simulation-based education.
- Identify potential risks and limitations associated with AI use in simulation.
- Define strategies to promote responsible and equitable AI integration.

Dr. Kellie Bryant is the Director of the Center for Innovation in Education Excellence at the National League for Nursing, with over 20 years of teaching experience, including 15 years specializing in simulation. In her current role, Dr. Bryant leads the development of innovative products and services designed to advance nursing education, including faculty development programs and cutting-edge technology solutions. She plays a key role in the creation of new AI software programs aimed at transforming nursing education, leveraging her extensive knowledge to collaborate with strategic partners to expand the NLN's offerings. As a consultant for Advancing Health Equity, Dr. Bryant trains organizations on delivering equitable care and fostering inclusive workplaces.

Her expertise includes leveraging simulation to improve patient safety and creating nursing pathway programs for historically marginalized students. A prolific author and presenter, Dr. Bryant has delivered national and international presentations and secured grants from organizations such as Johnson & Johnson.

A dedicated leader, Dr. Bryant serves on several national and international committees, including as vice chair of the Society for Simulation in Healthcare's DEI committee and board member of the Global Simulation in Healthcare Network. She is also an elected board member of the International Nursing Association of Clinical Simulation Learning and serves as the Government Relations chair for the Northern Virginia Nurses Association. Recognized for her contributions, she has received numerous accolades, including the Nurse of the Year Award for Community Service from the National Black Nurses Association and the Nurse Educator of the Year Award from the International Council of Nurses.



MORNING WORKSHOPS ATELIERS DU MATIN

11:15am–12:30pm | 75 minutes | *Montreal (36th) Floor*

11 h 15–12 h 30 | 75 minutes | *Étage Montréal (36^{ème})*

AM1.1 Improving Your Prebrief: Integrating Updated Evidence from HSSOBP® Systematic Review

Montreal B • Montréal B

Robert Catena¹, Heather MacLean¹, Barbara Wilson-Keates², ¹*Mount Royal University*, ²*Vancouver Island University*

AM1.2 The Empathy Project: Using Simulation as an Advocacy Tool *Montreal C • Montréal C*

Sophia Kelly-Langer¹, Kaite Burkholder Harris¹, ¹*Alliance to End Homelessness Ottawa*

AM1.3 Designing Escape Room Simulations: Enhancing Clinical Competency Through Game-Based Learning

Montreal A • Montréal A

Erin Erlandson¹, Lisa Arce¹, Jabeen Fayyaz¹, Nabilah Juma¹, ¹*The Hospital for Sick Children*

AM1.4 Artificial Intelligence in Simulation to Support Learners Through Assessment and Feedback

~~*Montreal D • Montréal D*~~

~~Briseida Mema¹, Dominique Piquette¹, Anne Kawamura¹, ¹*University of Toronto*~~

From Education to Innovation: Applying Design Thinking and Human Factors to Expand the Role of Healthcare Simulation *Montreal D • Montréal D*

Efrem Violato¹, Emilio Violato¹, ¹*Northern Alberta Institute of Technology*

AM1.5 La simulation à rôles inversés : une approche psychologiquement sécuritaire pour les simulations de pacification. *Montreal E • Montréal E*

Shannon McGee¹, Stephanie Kramp¹, Line Plante¹, ¹*Université Laurentienne*

AM1.6 “Can You Hear Me Now?”: Strengthening Interprofessional Phone Communication in High-Stakes Clinical Contexts *Montreal F • Montréal F*

Tammy Hardie¹, Heather Epp¹, Tami Riley¹, ¹*British Columbia Institute of Technology*



AFTERNOON WORKSHOPS ATELIERS DE L'APRÈS-MIDI

3:15pm–4:30pm | 75 minutes | *Montreal (36th) Floor*
15 h 15–16 h 30 | 75 minutes | *Étage Montréal (36^{ème})*

PM1.1 Simulation Rewind—Unlocking Mastery Through Second Chances *Montreal B • Montréal B*

Jennyfer Leblanc¹, Jacob Sirois¹, ¹*Collège Boréal*

PM1.2 200+ Free Virtual Simulations and How to Use Them *Montreal A • Montréal A*

Margaret Verkuyl¹, ¹*University of Toronto*

PM1.3 Réinventer le débriefing en simulation : concevoir et mettre en œuvre le débriefing à la demande pour répondre aux besoins des apprenants *Montreal C • Montréal C*

Emmanuel Delporte¹, Ilian Cruz-Panesso², Marie-Ève Loiselle-Lepage¹, Hela Louati¹, Ellie Rivest-Abel¹,
¹*Université de Montréal*, ²*Centre de recherche du Centre hospitalier de l'Université de Montréal*

PM1.4 Introduction à la simulation de processus *Montreal E • Montréal E*

Kim Pion¹, Véronique Lisée¹, Anne-Marie Blackburn¹, Jean-Francois Deshaies¹, ¹*Université de Sherbrooke*

PM1.5 Show Me the Money! How to Demonstrate Return on Investment of Translational Simulation

Montreal D • Montréal D

Camille Gallant^{1,2}, Julia Lee^{1,3}, Mark Joithe¹, Kristen Sampson¹, Lindsay Beavers^{1,2}, Andrew Petrosioniak^{1,3},
Nicole Fricker¹, ¹*Unity Health Toronto*, ²*University of Toronto*, ³*Li Ka Shing Knowledge Institute*

PM1.6 A Novel Screening Tool for EDI Content of Virtual Patient Simulation Scenarios *Montreal F • Montréal F*

Amy Nakajima¹, ¹*Simulation Canada*



MORNING WORKSHOPS ATELIERS DU MATIN

11:15am–12:30pm | 75 minutes | *Montreal (36th) Floor*

11 h 15–12 h 30 | 75 minutes | *Étage Montréal (36^{ème})*

AM2.1 “Gamifying Simulation-Based Education: An Innovative, Low-Cost Approach to Enhance Buy-in Within a Community Hospital” *Montreal B • Montréal B*

Sharita Wimalanathan¹, Sarah Branton¹, ¹*North York General Hospital*

AM2.2 Introducing VEMS! A Low Resource, Highly Effective Simulation Modality *Montreal C • Montréal C*

Jennifer Dale-Tam¹, Leah Dale¹, Nicole Spence¹, ¹*The Ottawa Hospital*

AM2.3 Augmented Reality and Interprofessional Simulation: Preparing Students for the Intensity and Complexity of the Human Services Field *Montreal A • Montréal A*

Kindra McMillan¹, Jennifer Taun¹, ¹*Canadore College*

AM2.4 Miroir, mon beau miroir, dis-moi comment porter un regard réflexif sur ma pratique de débriefing? *Montreal E • Montréal E*

Céline Catelin^{1,2,3}, Kim Pion^{1,2,3}, Anne-Marie Blackburn⁴, Benoît Martel^{1,3}, Véronique Lisée^{1,3},

¹*Centre de pédagogie des sciences de la santé*, ²*Consortium de simulation Moncton – Montérégie – Saguenay – Sherbrooke*, ³*Université de Sherbrooke*, ⁴*CIUSSS du Saguenay-Lac-Saint-Jean*

AM2.5 Working With Older Adult SPs in a Safe, Effective and Inclusive Manner *Montreal F • Montréal F*

Cathy Smith¹, Meaghan Adams¹, ¹*Baycrest Academy of Research & Education*

AM2.6 Advancing Faculty Development: Integrating Objective Structured Teaching Encounters (OSTEs) in Simulation-Based Education *Montreal D • Montréal D*

Jasline Moreno¹, Heather Epp², ¹*Maryland Clinical Simulation Resource Consortium*, ¹*British Columbia Institute of Technology*



AFTERNOON WORKSHOPS ATELIERS DE L'APRÈS-MIDI

3:15pm–4:30pm | 75 minutes | *Montreal (36th) Floor*
15 h 15–16 h 30 | 75 minutes | *Étage Montréal (36^{ème})*

PM2.1 From Education to Innovation: Applying Design Thinking and Human Factors to Expand the Role of Healthcare Simulation *Montreal A • Montréal A*

Efrem Violato¹, Emilio Violato¹, ¹*Northern Alberta Institute of Technology*

PM2.2 Rapid Response Simulation: Adapting JIT and Protocol Testing *Montreal B • Montréal B*

Maria Damian¹, ¹*McGill University Health Centre*

PM2.3 Fusion de la Réalité Virtuelle et de l'Intelligence Artificielle : Une Nouvelle Ère de Simulation Pédagogique *Montreal D • Montréal D*

Marie-Eve Simard¹, Véronique Bolduc¹, ¹*Centre de services scolaire des Navigateurs*

PM2.4 Novel Use of a Mentorship Model to Support Nursing Simulation Leadership in a Community Academic Teaching Hospital *Montreal C • Montréal C*

Connie Leroux¹, Marisa Vaglica¹, Sarah Branton¹, ¹*North York General Hospital*

PM2.5 Layered Realities: Multi-Modal Simulation to Foster Psychological Safety in Difficult Scenarios *Montreal E • Montréal E*

Laila Strazds¹, Adelina Morra¹, Katie Baldwin¹, Bonnie Fleming-Carroll¹, Tonia Roman¹, Rochelle Mendonca¹, Carrie Glanfield¹, ¹*The Hospital for Sick Children*

PM2.6 Co-Creating Entrustable Professional Activities (EPA)-Frameworks for Non-Clinical Simulation Operations Specialists *Montreal F • Montréal F*

Anjali Jagannathan¹, Krystina Clarke¹, Lisa Satterthwaite², Otto Sanchez¹, Adam Dubrowski¹, ¹*Ontario Tech University*, ²*University of Toronto Surgical Skills Centre*

AI PANEL PANEL SUR L'IA

DAY 1 | 3:15pm-4:30pm | *Champlain • Château Floor*

PREMIER JOUR | 15 h 15-16 h 30 | *Champlain • Étage Château*

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AI MEETS XR & VIRTUAL SIM L'IA RENCONTRE LA XR ET LA SIMULATION VIRTUELLE

AI1.1 Accelerating VR Scenario Creation in Nursing Education Through AI Voice Generation

Louis-Philippe Nagy¹, Paul Brisson¹, ¹*Champlain College, St-Lambert*

AI1.2 AI-Enhanced Virtual Simulation: Empowering Independent Learning in Health Professions Education

Jabeen Fayyaz¹, Sarah Patterson², Erin Erlandson¹, ¹*The Hospital for Sick Children*, ²*McMaster University*

AI1.3 Developing an Immersive Virtual Reality Simulation to Prepare Nursing Students for Newcomer Mental Healthcare

Geneveave Barbo¹, Donald Leidl², Hua Li¹, Marjorie Montreuil³, Pammla Petrucka¹, ¹*University of Saskatchewan*, ²*University of New Brunswick*, ³*McGill University*

AI1.4 Bridging AI and XR: Preparing the Next Generation of Simulation Talent

Andrea Urbina¹, ¹*ELIXR Simulations*

AI PANEL PANEL SUR L'IA

DAY 2 | 3:15pm-4:30pm | *Champlain • Château Floor*

DEUXIÈME JOUR | 15 h 15-16 h 30 | *Champlain • Étage Château*

AI FOR CREATING & FACILITATING SIM L'IA POUR CRÉER ET FACILITER LA SIMULATION

AI2.1 AI Powered Geriatric Education

Kataryna Nemethy¹, Kiira Poerschke¹, Meaghan Adams¹, ¹*Baycrest Academy for Research and Education*

AI2.2 Boosting Simulation Efficiency: AI-Driven Scenario and SP Script Development

Maria Damian¹, ¹*McGill University*

AI2.3 The Impact of Artificial Intelligence on Simulation Debriefing for Opioid Overdose Management

Petal Abdool¹, Alexander Bahadur², Rachel Antinucci¹, Fabienne Hargreaves¹, Latika Nirula³, Sanjeev Sockalingam¹, ¹*Centre for Addiction and Mental Health*, ²*University of Toronto*, ³*Unity Health*

SIM AWARDS LES PRIX SIM

DAY 1 | 12:30pm–1:30pm | *Champlain • Château Floor*

PREMIER JOUR | 12 h 30–13 h 30 | *Champlain • Étage Château*

2025 SIM CITIZENSHIP AWARD PRIX DE CITOYENNETÉ SIM



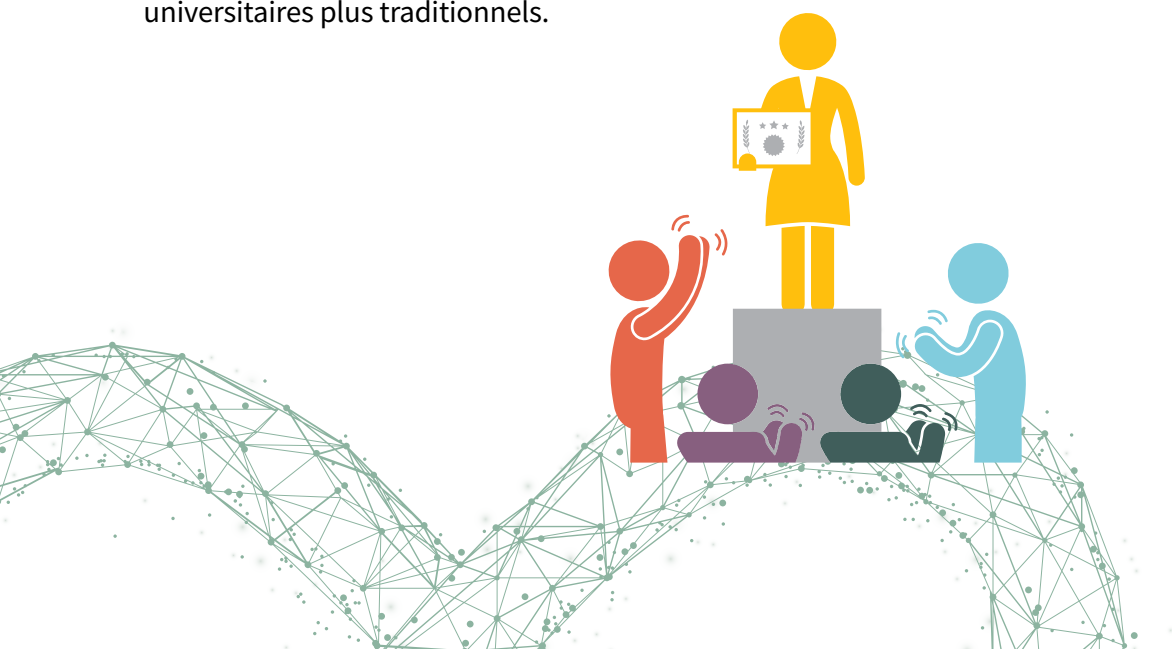
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Simulators for Health Care Education

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.



2025 NOMINEES: | CANDIDATS DE 2025 :

HEATHER EPP • *British Columbia Institute of Technology (BCIT)*

For her leadership in building and advancing BCIT's Simulation Program, Heather Epp has made a lasting impact on simulation education. Over the past eight years, she has shaped the program's strategic direction, fostered a collaborative team, and championed high-quality, practice-based learning. Her background in emergency nursing and commitment to mentorship have helped position BCIT as a leader in simulation provincially, nationally, and internationally.

RENÉE GORDON • *University of New Brunswick*

For her visionary leadership in healthcare simulation, Renée Gordon has transformed nursing education at UNB and beyond. She pioneered the Learn Where You Live program using immersive virtual reality, co-led a multimodal simulation curriculum with over 100 embedded simulations, and continues to mentor colleagues while advancing national and international innovation in simulation-based learning.

ANGELIQUE JENNEY • *University of Calgary, Faculty of Social Work*

For her leadership in simulation-based learning, Dr. Angelique Jenney has advanced clinical social work education through innovative teaching, research, and mentorship. Her work inspires engagement, fosters excellence, and continues to shape the practice of simulation, benefiting current and future healthcare professionals.

NATALIE KIJEK • *The Ottawa Hospital*

For her leadership and innovation in simulation-based education, Natalie has transformed obstetrical staff training. She developed the Simulation and Skills Day, expanded it to the Mother-Baby Unit, and leads high-stakes scenarios that enhance clinical preparedness, patient safety, and interprofessional learning, while continuing to broaden her impact across the organization.

JENNIE LEVERMAN • *Dalhousie University, Department of Family Medicine*

For her pioneering work in healthcare simulation, Dr. Jennie Leverman has transformed Family Medicine education across the Maritimes. She developed a comprehensive simulation program with over 30 cases, integrated it into the postgraduate curriculum, and launched interprofessional events and simulation-based assessments. As a mentor and leader, she inspires colleagues and learners, advancing teamwork, clinical excellence, and patient care.

TANIA SULLIVAN • *Nova Scotia Health*

For her vision and leadership in healthcare simulation, Dr. Tania Sullivan has transformed education and patient safety in Nova Scotia. She created the RISE Program for equitable training, embedded simulation into daily practice, and leads province-wide initiatives that strengthen collaboration and clinical preparedness, mentoring colleagues and building a community of practice grounded in excellence.

SIM AWARDS LES PRIX SIM

DAY 2 | 12:30pm–1:30pm | *Champlain • Château Floor*

DEUXIÈME JOUR | 12 h 30–13 h 30 | *Champlain • Étage Château*

2025 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.



2025 NOMINEES: | CANDIDATS DE 2025 :

CENTRE DE FORMATION PROFESSIONNELLE DE LÉVIS • Lévis, Quebec

Pour son engagement envers une formation pratique et innovante, le Centre de formation professionnelle de Lévis se distingue comme un pilier de l'enseignement professionnel en Chaudière-Appalaches. Accueillant près de 900 élèves chaque année, le Centre offre des programmes variés, soutenus par des installations modernes comme des laboratoires spécialisés et un appartement simulé. Grâce à l'alternance travail-études et à des formations accélérées, l'équipe répond de façon agile aux besoins du marché.

FACULTY OF NURSING, UNIVERSITY OF NEW BRUNSWICK • Fredericton, New Brunswick

For its innovative approach to simulation, the UNB Faculty of Nursing engages 535 students across multiple pathways, including rural and remote learners, with over 100 simulations per student using VR, manikins, and screen-based modalities. Supported by dedicated faculty and state-of-the-art labs, the program advances equity, expands capacity, and positions UNB as a leader in simulation education.

SIM-IN-ACTION DEMONSTRATION PRESENTATIONS PRÉSENTATIONS DE DÉMONSTRATION SIM-EN-ACTION

DAY 1 | 1:30pm–2:30pm | *Montreal (36th) Floor*

PREMIER JOUR | 13 h 30–14 h 30 | *Étage Montréal (36^{ème})*

1 A Hybrid Simulator for Fetoscopy Laser Coagulation of Anastomoses in Twin-To-Twin Transfusion Syndrome

Montreal A

Hector Fabian Gualdron Hernandez¹, David Rojas², Alvaro Uribe Quevedo¹, Rory Windrim², Catherine Windrim²,

¹Ontario Tech University, ²University of Toronto

2 Dental Care XR: Immersive VR Training for Special Care Dentistry *Montreal B*

Tess McKinney¹, David Ducassess², Noorpreet Kaur³, Annetty Soto³, ¹XRenegades, ²Kaleidoscope XR,

³The University of Texas Health Science Center at San Antonio

3 Les facteurs humains en santé au bout des doigts *Montreal C*

Benoit Martel¹, Céline Catelin¹, Véronique Lisée¹, Mélanie Marceau¹, Tina Matthews¹, Thomas Mechineau¹,

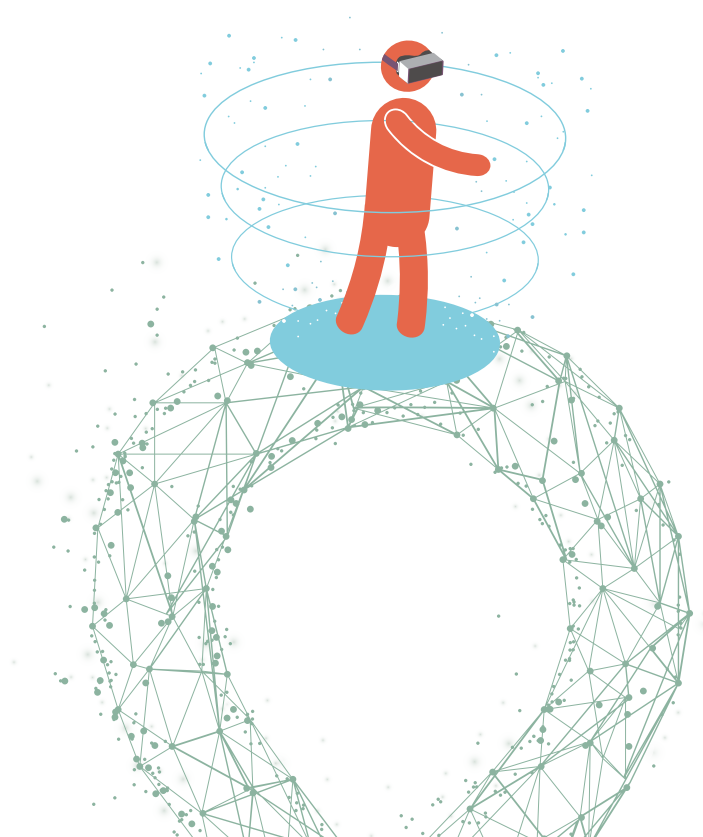
¹Université de Sherbrooke

4 Revolutionizing ICP Monitoring Training With a Custom Waveform Generator. Reducing Training Time From Years to a Single Day Through High-Fidelity Simulation. *Montreal D*

Alexander Wood¹, Sebastien Perth¹, ¹Health Sciences North

5 The McGyver Process *Montreal E*

Emily Rempel¹, Rahil Kassim¹, ¹McMaster Children's Hospital



RESEARCH PAPER PRESENTATIONS PRÉSENTATION DES COMMUNICATIONS SCIENTIFIQUES

DAY 2 | 9:15am–10:30am | *Montreal (36th) Floor*

DEUXIÈME JOUR | 9 h 15–10 h 30 | *Étage Montréal (36^{ème})*

COLLABORATION & TEAMWORK | *Montreal A* COLLABORATION ET TRAVAIL D'ÉQUIPE | *Montréal A*

1 Motivational Effects of Watching a Bystander Training Video Prior to Participating in a Simulation: A Quasi-Experimental Study

Jason M. Harley^{1,2}, Byunghoon “Tony” Ahn^{1,3}, Nigel Mantou Lou³, Tippie Zhang¹, Asa Kanani¹, Myriam Johnson¹, Negar Matin¹, Ning-Zi Sun¹, ¹*McGill University*, ²*Research Institute of the McGill University Health Centre*, ³*University of Victoria*

2 Improving Patient Safety Through Simulating a Sentinel Event in the Hemodialysis Unit

Catherine Giroux^{1,2}, Marie-Michele Gaudreault-Tremblay^{1,2,3}, Holly Lang^{1,2}, Kelly Cummins^{1,2}, Ayman Alshahrani^{1,2}, Max Kapusta^{1,2}, Ilana Bank^{1,2,3}, ¹*Montreal Children’s Hospital*, ²*McGill University Health Centre*, ³*McGill University*

3 Le Modèle de fenêtres interprofessionnelles en action : Une activité de télésimulation pour renforcer les pratiques collaboratives en santé

Louise-Andrée Brien¹, Arielle Lévy¹, Ilian Cruz-Panesso¹, Yvonne Khamla¹, Mona Ziadi¹, Patrick Lavoie¹, Claude Mailhot¹, ¹*Université de Montréal*

4 Creation of a Local Obstetrics Interprofessional Team Training Program to Improve Patient Safety

Adam Garber¹, Amy Prince², Jessica Dy², Glenn Posner¹, Maryann Towns², Brianne Yarranton¹, Sony Singh¹, Megan Gomes¹, ¹*University of Ottawa*, ²*The Ottawa Hospital*

5 Evaluating the Integration of Team Cognition Training and Evaluation in Canadian Emergency Medicine Simulation Training

J Colin Evans¹, Amandeep Sehmbi², Chantal Forristal¹, M. Blair Evans¹, Lorelei Lingard¹, ¹*Western University*, ²*University of British Columbia*

OPERATIONS & WORKFORCE DEVELOPMENT | *Montreal B* OPÉRATIONS ET DÉVELOPPEMENT DES EFFECTIFS | *Montréal B*

1 Nursing Administrators’ Perspectives on Replacing Clinical Hours with Simulation: Insights From a Statewide Quality Improvement Study

Heather Epp¹, Jasline Moreno², Sarah Neville¹, ¹*British Columbia Institute of Technology*, ²*Maryland Clinical Simulation Resource Consortium*

2 Bridging the Gap: A Competency Framework for Non-Clinical Simulation Technicians

Refka Albayati¹, Krystina Clarke¹, Julia Micallef¹, Anjali Jagannathan¹, Timothy Willett², Nick Wattie¹, Adam Dubrowski¹, ¹*Ontario Tech University*, ²*Simulation Canada*

RESEARCH PAPER PRESENTATIONS PRÉSENTATION DES COMMUNICATIONS SCIENTIFIQUES

DAY 2 | 9:15am–10:30am | *Montreal (36th) Floor*

DEUXIÈME JOUR | 9 h 15–10 h 30 | *Étage Montréal (36^{ème})*

OPERATIONS & WORKFORCE DEVELOPMENT | *Montreal B* OPÉRATIONS ET DÉVELOPPEMENT DES EFFECTIFS | *Montréal B*

3 Developing a Competency-Based Curriculum for Simulation Operations Specialists: A Participatory Approach

Krystina Clarke¹, Anjali Jagannathan¹, Julia Micallef¹, Andrea Cope¹, Carol Rodgers¹, Efrosini Papaconstantinou¹, Ginny Brunton¹, Adam Dubrowski¹, ¹*Ontario Tech University*

4 Operationalizing Non-Clinical Simulation Operations Specialist Competencies Through Observable Practice Activities

Anjali Jagannathan¹, Krystina Clarke¹, Samyah Siraj¹, Lisa Satterthwaite², Otto Sanchez¹, Adam Dubrowski¹, ¹*Ontario Tech University*, ²*University of Toronto Surgical Skills Centre*

PATIENT-CENTRED CARE | *Montreal C* SOINS CENTRÉS SUR LE PATIENT | *Montréal C*

1 La communication avec les patients au cœur de l'inclusion : utiliser la simulation pour le développement des compétences relationnelles des professionnels de la santé

Arielle Levy¹, Maria Cherba², Mathieu Giroux³, Baudoin Forgeot Darc¹, ¹*CHU Sainte-Justine, Université de Montréal*, ²*Université d'Ottawa*, ³*Représentant patients autistes*

2 Simulation Learning for Psychosis-Focused Care in Social Work Education: A Scoping Review

Amar Ghelani¹, Petal Abdool², Tin Vo¹, Rachel Antinucci², Yoonhee Lee¹, Ashley Haywood², ¹*University of Toronto*, ²*Centre for Addiction and Mental Health*

3 « Se mettre à la place du patient »: apprendre l'empathie-compassion grâce à la simulation immersive

Kim Pion¹, Marie-Josée LeBlanc¹, Nathalie Delalay¹, Diane Guay¹, Cynthia Gagnon¹, Jacinthe Beauchamp¹, ¹*Université de Sherbrooke*

4 Renforcer l'empathie des professionnels de la santé dans les services d'urgence : l'impact de la simulation immersive sur les soins aux aînés

Isabelle Ledoux¹, Didier Mailhot-Bisson¹, Audrey-Anne Brousseau-Turcotte¹, Véronic Poulin¹, Maëlli Fernandez-Gendron¹, Charles Bilodeau¹, Patrick Lavoie², ¹*Université de Sherbrooke*, ²*Université de Montréal*

5 The Impact of Observing Ideal Practice on Student Confidence and Performance in Healthcare Simulation

Efrem Violato¹, Nichole Boutilier¹, Seraph Forth¹, Emilio Violato¹, Julianna Phillips¹, ¹*Northern Alberta Institute of Technology*

RESEARCH PAPER PRESENTATIONS PRÉSENTATION DES COMMUNICATIONS SCIENTIFIQUES

DAY 2 | 9:15am–10:30am | *Montreal (36th) Floor*

DEUXIÈME JOUR | 9 h 15–10 h 30 | *Étage Montréal (36^{ème})*

PERFORMANCE ASSESSMENT & DEBRIEFING | *Montreal D* ÉVALUATION DES PERFORMANCES ET DÉBRIEFING | *Montréal D*

1 Team Cognition in Healthcare Simulation: A Framework for Deliberate Measurement

J Colin Evans¹, M. Blair Evans¹, Lorelei Lingard¹, ¹*Western University*

2 Hidden in Plain Sight: Heart Rate Variability as a Window Into Learner Experience During Simulation Sessions

Vicki LeBlanc¹, William Lea², Tracy McEwen³, Kathryn Larkin³, Jenny Tucker³, Tina Duncalf³, Shay Patel¹, Andréanne Ménard¹, Katherine Spiess¹, ¹*University of Ottawa*, ²*Hull York Medical School*, ³*York and Scarborough Teaching Hospitals*

3 Adaptation et validation du Debriefing Experience Scale en contexte francophone

Patrick Lavoie¹, Imène Khetir¹, Sylvain Boloré², Isabelle Bouchard³, Sylvie Charette⁴, Isabelle Ledoux⁵, Samuel Ouellette¹, Shelly J. Reed⁶, Tanya Mailhot¹, ¹*Université de Montréal*, ²*Haute École Spécialisée de Suisse Occidentale*, ³*Cégep de Chicoutimi*, ⁴*Université du Québec en Outaouais*, ⁵*Université de Sherbrooke*, ⁶*Brigham Young University*

4 Enhancing Debriefing Skills of Novice Simulation Facilitators Using a Modified Plus/Delta Debriefing Framework: Evaluation of a Virtual Simulation Module for Educators

Marian Luctkar-Flude¹, Laura Killam², Jane Tyerman³, Caroline Sabotig⁴, Beth Rogers⁵, ¹*Queen's University*, ²*Cambrian College*, ³*University of Ottawa*, ⁴*Lakehead University*, ⁵*Texas Christian University*

5 Development and Validation of a Pediatric Video Laryngoscopy Competency Tool for Simulation Training

Arielle Levy¹, Natasha Colli², Jeffery Lin³, ¹*CHU Sainte-Justine, Université de Montréal*, ²*Hospital for Sick Kids, University of Toronto*, ³*Alberta Children's Hospital, University of Calgary*

PRODUCT DEVELOPMENT, TESTING & TRAINING | *Montreal E* DÉVELOPPEMENT, TESTS ET FORMATION DE PRODUITS | *Montréal E*

1 Boosting Neonatal Resuscitation Skills: Comparing Video-Based and Simulation-Based Interventions for NICU Nurses

Michelle Ryan¹, Jimmy Frerejean², ¹*Montreal Children's Hospital, McGill University*, ²*Maastricht University*

2 FAVD Sim: A Forceps-Assisted Vaginal Delivery Simulator—Validation Study

Hector Fabian Gualdron Hernandez¹, Alvaro Quevedo¹, David Rojas², Sebastian Hobson³, Homero Flores Mendoza³, ¹*Ontario Tech University*, ²*University of Toronto*, ³*Mount Sinai Hospital*

RESEARCH PAPER PRESENTATIONS PRÉSENTATION DES COMMUNICATIONS SCIENTIFIQUES

DAY 2 | 9:15am–10:30am | *Montreal (36th) Floor*

DEUXIÈME JOUR | 9 h 15–10 h 30 | *Étage Montréal (36^{ème})*

PRODUCT DEVELOPMENT, TESTING & TRAINING | *Montreal E* DÉVELOPPEMENT, TESTS ET FORMATION DE PRODUITS | *Montréal E*

3 Simulation Testing of a Medication Dosing Software: Impact on Pediatric Emergency Nursing Workflows

Cynthia Kwan¹, Georgia Powell¹, Jean-Gabriel Lacombe¹, Louis-Philippe Lavoie¹, Alexandra Hinse¹, Laurie H Plotnick¹, Ilana Bank¹, ¹*Montreal Children's Hospital*

4 Evaluating a Critical Care Simulation Program

Heather Braund¹, Lindsay Kaye², Nicole Foster², Logan Burns³, Julie Bomba¹, Heather Mackulin², ¹*Queen's University*, ²*Kingston Health Sciences Centre*, ³*Nipissing University*

TEACHING & LEARNING | *Montreal F* ENSEIGNEMENT ET APPRENTISSAGE | *Montréal F*

1 Integration Through Simulation: Applying an Adaptive Expertise (AE) Framework to a Simulation Bootcamp to Teach Non-Technical Skills to Surgical Foundations Residents

Petal Abdool¹, Mark Wheatcroft², Deanna Chaukos³, Maria Mylopoulos⁴, Maria Louise Gamborg⁵, Rachel Antinucci¹, Alexandra Andric¹, Jasmine Labana¹, Fabienne Hargreaves¹, Sanjeev Sockalingam¹, ¹*Centre for Addiction and Mental Health*, ²*St. Michael's Hospital*, ³*Sinai Health*, ⁴*Wilson Centre*, ⁵*Aarhus University*

2 Canadian Simulation Guidelines for Occupational Therapy Academic and Fieldwork Education Hour Equivalency

Diane MacKenzie¹, Marie-Eve Bolduc², Kaitlin Sibbald¹, Mary Roduta Roberts³, Rose Martini⁴, Nancy Forget², Barbara Shankland², Anne Hunt⁵, Lisa McCorquodale⁶, Shone Joos⁵, Jonathan Harris¹, Jay MacDonald⁷, Rebecca Timbeck⁶, Catherine Larmer⁸, Hélène Tremblay⁹, Rosanna Wegner³, ¹*Dalhousie University*, ²*McGill University*, ³*University of Alberta*, ⁴*University of Ottawa*, ⁵*University of Toronto*, ⁶*Western University*, ⁷*University of British Columbia*, ⁸*Queen's University*, ⁹*Université de Sherbrooke*

3 ViTALS Study: Virtual and Traditional Approaches to Learning in Simulation

Clare Howland¹, Melissa Bruce¹, ¹*Bow Valley College*

4 Designing a Large Scale Foundational First-Year Interprofessional Education Event: Addressing the New CIHC Competencies Via Asynchronous Online and In-Person Serious Game Simulation

Diane MacKenzie¹, Paula d'Eon¹, Joanne Newell¹, Cynthia Andrews¹, Anu Mishra¹, Kailee Algee¹, Catherine Gunn¹, Caitlin McArthur¹, Kim Sponagle¹, Kathryn Hayward¹, Janet Pothier¹, Ellen Hickey¹, Sherry Huybers¹, Heather MacKenzie-Carey¹, Derek Rutherford¹, ¹*Dalhousie University*

5 Simulation to Increase Competence in assessment of Capacity in Psychiatry and Geriatric Psychiatry Training

Maria Hussain¹, Heather Braund¹, Leah Nemiroff¹, Julia Kirkham², Jonathan Pipitone¹, Emily St. Denis¹, Simon O'Brien³, ¹*Queen's University*, ²*University of Calgary*, ³*Providence Care Hospital*

POSTER PRESENTATIONS PRÉSENTATIONS DES AFFICHES

DAY 2 | 1:30pm–2:45pm | *Château Floor*
DEUXIÈME JOUR | 13 h 30–14 h 45 | *Étage Château*

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ARTIFICIAL INTELLIGENCE (AI) INTELLIGENCE ARTIFICIELLE (IA)

Ask the AI Sim Tech: Using a Custom GPT to Bridge Gaps in Equipment Knowledge and Workflow Continuity in a Simulation Centre

Quacey Peters¹, Ken Jarvis², ¹NorQuest College, ²Western Atlantic University School of Medicine

Transforming Training for the Unexpected: A Scoping Review of AI in Surgical Simulation for Critical Intraoperative Events

Zoë Chabot¹, ¹Université de Montréal

Healthcare Simulation's AI Dilemma: Innovation or Invasion?

Clare Howland¹, ¹Bow Valley College

AI Powered Virtual Gaming Simulation

Erin Choquette¹, ¹Southern Alberta Institute of Technology

Choose Your Own Adventure: Zaheera's Journey. A story of XR and Precision Child Health.

Rafael Velasquez¹, Emily Louca¹, Lennox Huang¹, ¹The Hospital for Sick Children

CLINICAL CLINIQUE

Immersion en sciences infirmières : La simulation pour inspirer la relève

Stéphanie Carrier-Corbeil¹, Catherine Roussel¹, Mona Ziadi¹, Louise-Andrée Brien¹, ¹Université de Montréal

Ethical Decision-Making Simulation for New Nurse Graduates

Christina Scerbo¹, Rebekah Dyck², Jonathan Breslin¹, Joshua Oliveira¹, Tiziana Calitri-Tenuta¹,
¹Mackenzie Health, ²Ontario Tech University

Enseigner l'examen physique à distance : innovation par la simulation virtuelle par procuration dans un programme en ligne

Dajena Victor¹, Anne-Laurie Beaubrun¹, Megan Magisano¹, ¹Université McGill

From Novice to Night Shift Mastery: Simulation Bootcamp to Enhance Transitions for Obstetrics and Gynecology Trainees

Winnie Li¹, Claire Touchie^{1,2}, Eusang Ahn^{1,2}, Adam Garber^{1,2}, ¹University of Ottawa, ²The Ottawa Hospital

POSTER PRESENTATIONS PRÉSENTATIONS DES AFFICHES

DAY 2 | 1:30pm–2:45pm | *Château Floor*

DEUXIÈME JOUR | 13 h 30–14 h 45 | *Étage Château*

CLINICAL CLINIQUE

From Concept to Chaos: Insights and Reflections on Leading a Multi-Institution IPE MCI Simulation

Lisa George¹, Thomas Waring¹, ¹*NAIT Centre for Advanced Medical Simulation*

From Theory to Practice: New Graduate Nurse Integration to Critical Care

Martyna Rembisz¹, ¹*McGill University*

INDIGENOUS, INTERPROFESSIONAL & COMMUNICATION AUTOCHTONES, INTERPROFESSIONNEL ET COMMUNICATION

Healthcare Simulation for Healing Through ReconciliACTION

Breanne Guertin¹, Melanie Burke¹, Joelle Lachance-Artindale¹, ¹*College Boréal*

Using Simulation to Improve Communication with Families Experiencing Pregnancy and Infant Loss

Michelle La Fontaine¹, Megan Fockler¹, ¹*Sunnybrook Health Sciences Centre*

Surgical Communication Skills in Pre-Clerkship Medical Students

Mark Garabedian^{1,2}, Patrik Abdelnour^{1,2}, Reese Kapusta^{1,2}, Preetha Krishnamoorthy^{1,2,3,4}, Ilana Bank^{1,2,3,4},
¹*McGill University*, ²*Centre for Pediatric Simulation*, ³*Montreal Children's Hospital*, ⁴*McGill University Health Centre*

Quand l'innovation rencontre la collaboration : naissance d'une EIR obstétricale-gynécologique

Stéphanie Hogue¹, Andrée Sansregret¹, Marie-Christine Charest¹, Sabrina Larose¹, Kevin Ippersiel¹,
Caroline Gauthier¹, ¹*CHU Sainte-Justine*

Hands-On, Evidence Based Learning in the Outpatient Ambulatory Care Setting

Serena Tsang¹, Connie Leroux¹, Sarah Branton¹, ¹*North York General Hospital*

POSTER PRESENTATIONS PRÉSENTATIONS DES AFFICHES

DAY 2 | 1:30pm–2:45pm | *Château Floor*

DEUXIÈME JOUR | 13 h 30–14 h 45 | *Étage Château*

PEDAGOGY PÉDAGOGIE

Students' Experiences of Virtual Simulation Outside of the Classroom: A Scoping Review

Laura Killam^{1,2}, Erin Ziegler³, Tania Kristoff⁴, Yamini Bhatt³, Yemisi Onilude³, Jane Tyerman⁵, Marian Luctkar-Flude⁶, ¹*Cambrian College*, ²*Nipissing University*, ³*Toronto Metropolitan University*, ⁴*University of Saskatchewan*, ⁵*University of Ottawa*, ⁶*Queen's University*

How Do You Know it Went Well?: Exploring the Evidence Novice Students Use to Self-Assess Simulation Performance

Kaitlin Sibbald¹, Diane MacKenzie¹, ¹*Dalhousie University*

An Innovative Interprofessional Critical Care Sim Camp for Internationally Trained Critical Care Fellows in Canada

Faysal Tabbara¹, Laura Hawryluck¹, Maria Jogova¹, Ian Randall¹, ¹*University Health Network*

Learning Without Borders: Transforming Clinical Education with Home-Based VR Simulation

Renée Gordon¹, Mary-Louise Batty¹, Don Leidl¹, Ruth Lue¹, Patricia Morris¹, Julie Weir¹, Hayley Wilson¹, ¹*University of New Brunswick*

L'utilisation de la simulation pour améliorer la rétention des apprentissages en réanimation chez les citoyens — Projet en cours

Geneviève Goulet¹, Béatrice Fortin¹, ¹*Université de Sherbrooke*

SYSTEM & OPSTECH SYSTÈMES ET TECHNOLOGIES OPÉRATIONNELLES

Simulation: An Innovative Approach to Clinical Space Design

Victoria May¹, Nadia Nguyen¹, Patricia Silva-Bagot¹, Agnes Ryzynski¹, Susan DeSousa¹, Tarsila Da Cruz¹, ¹*Sunnybrook Canadian Simulation Centre*

“Enhancing Safety and Efficiency in Emergency Mental Health Units: The Use of Low-Cost Simulation for Testing and Refining Unit Design and Protocols”

Michelle Weldon¹, Priya Patel¹, Erica Palubeskie¹, Marc Ong¹, Alana Hastie¹, Sarah Branton¹, ¹*North York General Hospital*

Early Exposure to Healthcare Simulation: Gauging High School Interest in the STEPS Program

Julia Micallef¹, Keona Nwozor², Ellie Levert², Marcus McPhee², Adam Dubrowski¹, ¹*Ontario Tech University*, ²*St. Stephen Catholic Secondary School*

Managing Simulation Preparation Complexity: A Moulage and Fidelity Classification at CHUM

Adriana Alcala Saldana¹, Sandra Rocio Espinel Murillo¹, Judith Valentin¹, ¹*CHUM*

POSTER PRESENTATIONS PRÉSENTATIONS DES AFFICHES

DAY 2 | 1:30pm–2:45pm | *Château Floor*

DEUXIÈME JOUR | 13 h 30–14 h 45 | *Étage Château*

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VIRTUAL & XR VIRTUEL & XR

Utilisation d'outils d'intelligence artificielle (IA) pour la conception d'une formation par concordance en sciences infirmières

Marie-France Deschênes¹, Mathieu Valette¹, Joy Ghaleb¹, Laurence Ha¹, ¹Université de Montréal

Traditional Simulation Environment Verses Immersive Reality Environment

Meg Lagunas¹, Kerie Olson¹, Andy Prevenas¹, ¹University of Wisconsin, Eau Claire



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3B Scientific www.3bscientific.com *Booth 14*

3B Scientific was founded in 1948 in Hamburg, Germany and has grown to be one of the world's leading manufacturers of Science, Medical, and Simulation Education solutions. The product portfolio covers a complete and comprehensive range of equipment for simulation and skill training, anatomy, healthcare and patient education, and is continuously updated with new products and innovations. Represented in over 120 countries worldwide, the brand name 3B Scientific® stands for best quality, best value, and best service. The mission of 3B Scientific is to advance medical and healthcare delivery through the quality, breadth and global reach of relevant educational and simulation products.

Affinity affinitylearning.ca *Booth 3*

Affinity empowers educators to easily create rich, interactive online learning experiences. As a Canadian technology company, Affinity is trusted by educators across Canada in fields like Nursing, Paramedicine, PSW, Medical Laboratory Sciences, Medicine, Public Safety, Social Work, and more.

Alliance to End Homelessness Ottawa www.endhomelessnessottawa.ca *Table B*

The Alliance is a member-driven organization working together to end homelessness through system-coordination, advocacy, and mobilization.

Anatomage www.anatomage.com *Booth 19*

Anatomage, now united with BioDigital, offers a powerful 3D visualization platform for medical education and healthcare. Combining virtual anatomy, interactive dissection, and dynamic health simulations, Anatomage empowers professionals and students with immersive tools to explore, understand, and teach human biology with clarity, precision, and innovation across clinical and academic settings.

Canadian Alliance of Nurse Educators using Simulation (CAN-Sim) can-sim.ca *Table A*

The Canadian Alliance of Nurse Educators using Simulation (CAN-Sim) is a non-profit supporting excellence in simulation education and research. With 3,500+ members worldwide, CAN-Sim offers collaboration, mentorship, innovation, and scholarship opportunities. Members access 100+ peer-reviewed clinical and 300+ virtual simulations in English and French, plus simulation and virtual simulation design workshops, webinars and professional development modules, research and graduate student interest groups, and research and innovation grants.

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

We are the national and international voice of Canada's largest post-secondary education network. Our work supports Canada's publicly supported colleges, institutes, CEGEPs, and polytechnics. When the system thrives, Canadians thrive. In everything we do, we aim to strengthen that system.



EXHIBITORS EXPOSANTS

EdEHR Technologies Inc. edehr.org *Booth 4*

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Gaumard Scientific www.gaumard.com *Booth 5 & 6*

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 and task trainers designed to help providers practice and maintain skills across nearly all clinical specialties.

Intelligent Video Solutions www.ipivs.com *Booth 13*

Intelligent Video Solution's VALT software is a complete video observation and recording system designed for clinical skills training, nursing, medical simulation and many other educational training applications. We pair our Valt Server and Software with best in class IP cameras, audio capture and multimedia devices to custom design a complete turnkey solution.

Laerdal Medical laerdal.com/ca *Booth 11*

At Laerdal, 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. Helping save lives. It's what we do.

Limbs & Things limbsandthings.com/us *Booth 23*

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.

Lumeto www.lumeto.com *Booth 8*

Lumeto is a leader in immersive and AI-enabled healthcare training. Our flagship platform, InvolveXR, helps hospitals, nursing schools, and health systems scale high-quality training through multimodal simulation—VR, screen-based, and AI-powered adaptive learning. From onboarding and competency development to IEN preparation and interprofessional communication, Lumeto empowers educators to train more efficiently, improve readiness, and retain their workforce—reducing reliance on agency staffing and strengthening healthcare systems.

EXHIBITORS EXPOSANTS

Medron Medical Systems Inc. www.medron.ca *Booth 20*

Medron Medical Systems Inc. is a Canadian distributor of radiation therapy and medical physics equipment, now expanding into healthcare education as the official Canadian partner of GigXR and Virtual Medical Coaching. GigXR provides mixed reality training applications like HoloPatient and HoloHuman, enabling immersive, collaborative learning for medical and nursing students. Virtual Medical Coaching offers VR simulations in radiography, radiation safety, and childbirth, delivering safe, data-driven training environments for healthcare professionals.

Noldus noldus.com *Booth 17*

Noldus provides integrated tools for behavioral and simulation research. With solutions including Viso, The Observer XT, FaceReader, TrackLab, and synchronized AV with physiology, researchers worldwide enhance data quality, streamline training and debriefing, and accelerate insights in health, education, and UX.

Oxford Medical Simulation oxfordmedicalsimulation.com *Booth 18*

Oxford Medical Simulation (OMS) is transforming healthcare education, training and assessment. Using cutting-edge VR, AI, and advanced performance analytics, we standardize training, support the transition to practice, and assure competency. Accessible anytime, anywhere, and trusted by leading organizations worldwide, we empower you to drive excellence in patient care and safety.

Pocket Nurse www.pocketnurse.com *Booth 22*

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, CPR training, pharm tech, physical therapy, allied healthcare, and more.

ProxSIMity Inc. www.proxsimity.net *Booth 9*

ProxSIMity delivers innovative simulation that transforms healthcare training. Our anatomically realistic models integrate wearable devices, technology-enhanced tools, and AI feedback to overcome the biggest limitation in simulation: dependence on experts for feedback. By providing objective, instant insights anywhere, ProxSIMity ensures scalable, high-quality training across skills and complex healthcare procedures, empowering learners to practice safely, refine performance efficiently, and raise the standard of patient care worldwide.

EXHIBITORS EXPOSANTS

RIB Technologies www.ribtechnologies.info *Booth 24*

RIB Technologies is a Toronto-based medical simulation company that specializes in developing products to innovate medical simulation. Our team of experts are 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. 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.

RQI Partners rqipartners.com/canada *Booth 10*

The Resuscitation Quality Improvement programs offer a high-reliability platform for simulation-based mastery learning that measures and verifies competence of CPR. RQI programs are anchored in the American Heart Association's science, driven by the technology of Laerdal Medical, and supported and endorsed by Heart and Stroke Foundation of Canada as a resuscitation quality improvement program.

SIMStation Inc. www.simstation.com *Booth 2*

SIMStation is a global leader in AV and assessment systems for simulation centers. We offer user-friendly software for live control, recording, and broadcasting medical simulations, with specialized exam management and assessment features. Trusted since 2012, we continue to be a reliable partner in the simulation community worldwide.

Simuhealth www.simu.health *Booth 7*

Simuhealth is the healthcare simulation industry's first purpose-built ERP and operations platform. Simuhealth streamlines and automates every aspect of a healthcare simulation training program's day-to-day operations, including equipment and facilities management, scheduling, logistics, reporting and analytics.

Simulab Corporation simulab.com *Booth 21*

Simulab is the trusted partner in simulation, offering realistic, affordable, and user-friendly simulators for healthcare professionals. With over 30 years in soft-tissue simulation, Simulab provides innovative training solutions with anatomical realism, ease of use, and affordability to meet evolving healthcare education needs.

SimX www.simxvr.com *Booth 15*

SimX is transforming healthcare training with advanced virtual reality (VR) simulation. Its wireless, multiplayer, and cross-platform system enables realistic, immersive training experiences for medical professionals. Designed to enhance clinical decision-making, teamwork, and hands-on skills, SimX prepares providers to deliver high-quality patient care in any environment.

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SkillQube en.skillqube.com *Booth 16*

SkillQube stands as an unparalleled, comprehensive training tool specifically designed for Healthcare providers. It offers a sophisticated and realistic simulation environment, meticulously crafted to mirror real-world emergency scenarios. A cornerstone of its effectiveness is the seamlessly integrated monitor control, which allows instructors to manipulate vital signs, waveforms, and patient data in real-time, accurately reflecting the dynamic nature of emergency situations.

TacMed Simulation tacmedsolutions.com *Booth 12*

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.

University of Alabama at Birmingham www.uab.edu/shp/hsa/graduate/healthcare-simulation/mshs *Table D*

The University of Alabama at Birmingham offers an MS in Healthcare Simulation and a one-year post-graduate certificate that equip educators and clinicians to lead transformative, simulation-based training. The flexible, online MS program can be completed in just 16 months and emphasizes simulation methods, debriefing, patient safety, and leadership, preparing graduates to elevate simulation education.

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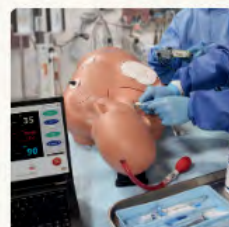


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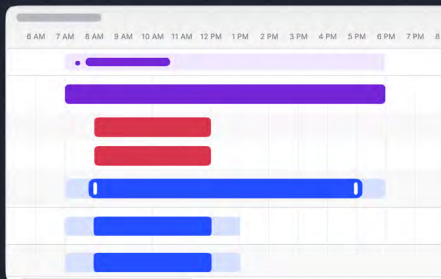
Session overview

ID: SES1003 Room Reservation

Pediatric Emergency Response Simulation
November 10, 2025, 8:00AM - 5:00PM

Location Riverside Hospital / Pediatrics Wing /
Pediatric Intensive Care Unit (PICU)

Created by Jane Smith



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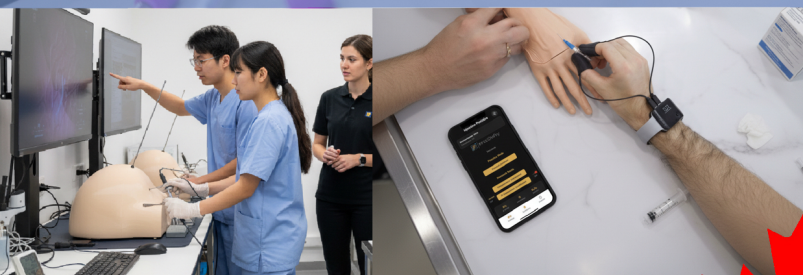
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We are Canada's interprofessional, cross-sector, nonprofit network for the advancement of simulation in healthcare and beyond. We connect the simulation community, facilities, and resources across Canada and link to national and international [collaborators](#).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

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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.

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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.

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