6th Annual Sunnybrook Education Conference
Reinventing Learning: The Science Behind Teaching & Learning
Friday, November 17, 2017

Sunnybrook Health Sciences Centre
2075 Bayview Avenue, Toronto, ON  M4N 3M5
McLaughlin Auditorium (EG18a)
**College of Family Physicians of Canada – Mainpro+:**

This Group Learning program meets the certification criteria of the College of Family Physicians of Canada and has been certified by Continuing Professional Development, Faculty of Medicine, University of Toronto for up to 6.5 Mainpro+ credits.

**Royal College of Physicians and Surgeons of Canada - Section 1:**

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, approved by Continuing Professional Development, Faculty of Medicine, University of Toronto. You may claim a maximum of 6.5 hours (credits are automatically calculated).
Table of Contents

Welcome letter from Dr. Andy Smith, CEO and Dr. Ari Zaretsky, Vice President, Education ................................................................. 4

Welcome to the 6th Annual Sunnybrook Education Conference:
Reinventing Learning: The Science Behind Teaching & Learning .......... 5

Education Conference Schedule .................................................. 6

Keynote Presenter ....................................................................... 8

Afternoon Debate ....................................................................... 9

Afternoon Debate: Moderator ...................................................... 11

Concurrent Workshop Descriptions .............................................. 12

Oral Research Presentations – Session 1 ...................................... 18

Oral Research Presentations – Session 2 ...................................... 19

Poster Sessions .......................................................................... 21

Thank you to our Sponsors .......................................................... 28

Thank you to our Partners ........................................................... 29

Education Conference Schedule/Locations ................................... 30

Thank you to our Education Conference Planning Group ............. 32

Report on Education 2017
sunnybrook.ca/educationreport
Welcome letter from Dr. Andy Smith, CEO and Dr. Ari Zaretsky, Vice President, Education

Welcome to the 6th Annual Sunnybrook Education Conference: Reinventing Learning: The Science Behind Teaching & Learning. We would like to extend a special welcome to our colleagues and peers from health care and educational institutions across the GTA and beyond.

At Sunnybrook, we are all teachers and learners. We strive for educational excellence for our learners, staff, patients and families as well as our broader community.

We are honoured to host the 6th Annual Sunnybrook Education Conference event designed for the health care community. Our goal is to develop and broaden the scope of education through immersive experiential learning opportunities. We do this by discovering advances in technology-enhanced education and research to further collaborate with patients, families, and health care providers.

Thank you to our conference co-chairs Shamena Maharaj, Dr. Dominique Piquette & Agnes Ryzynski, the organizing committee and the Conference Lead Fatima da Costa, who have worked passionately to ensure an exceptional program. Our keynote speakers, panelists and workshop facilitators are leaders in education technology, simulation-based learning and educator development.

Thank you all for being here today. We hope that today’s conference affirms your passion for education, and you will take what you gain back to your organization.

Have a wonderful day at the 6th Annual Sunnybrook Education Conference: Reinventing Learning: The Science Behind Teaching & Learning.

Dr. Andy Smith
President and CEO
Sunnybrook Health Sciences Centre

Dr. Ari Zaretsky
Vice President, Education
Sunnybrook Health Sciences Centre
Welcome from Shamena Maharaj, Dr. Dominique Piquette & Agnes Ryzynski (Conference Co-chairs) and Fatima da Costa (Conference Lead)

Welcome to the 6th Annual Sunnybrook Education Conference: Reinventing Learning: The Science Behind Teaching & Learning

It is our pleasure to welcome you to the 6th Annual Sunnybrook Education Conference: Reinventing Learning: The Science Behind Teaching & Learning. We are excited to host this event and privileged to have with us, Dr. Maria Mylopoulos as our keynote speaker. Dr. Mylopoulos has a PhD in Human Development and Education from the University of Toronto, specializing in Applied Cognitive Science. We would like to thank all the leading experts and researchers who have volunteered their time to be with us today. They bring a wealth of knowledge and experience that will be sure to inspire and empower us to explore new ways of teaching and learning.

A special thank you goes out to our sponsors for their support. We would not be here without your generous unrestricted educational grants to support our education mission.

Thank you to our partners for joining us today and sharing information with our participants regarding the educational resources and services available to them. And finally, thank you to the planning committee – months of hard work have gone into this event and we are grateful for all your enthusiasm and dedication to make this happen.

Have a wonderful day!

Shamena Maharaj
(Co-chair)
Director
Human Resources
and Organizational Development & Leadership
Sunnybrook Health Sciences Centre

Dr. Dominique Piquette (Co-chair)
Staff Physician, Critical Care Medicine
Sunnybrook Health Sciences Centre

Agnes Ryzynski (Co-chair)
Manager, Sunnybrook Canadian Simulation Centre and Curriculum Development
Sunnybrook Health Sciences Centre

Fatima da Costa (Lead)
Coordinator
Sunnybrook Education Advisory Council (SEAC)
Sunnybrook Health Science Centre
### Education Conference Schedule

<table>
<thead>
<tr>
<th>Time</th>
<th>Sessions</th>
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<tbody>
<tr>
<td>7:30–8:30am</td>
<td>Registration (outside McLaughlin Auditorium, EG18a)</td>
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<td></td>
<td>Breakfast (inside McLaughlin Auditorium, EG18a)</td>
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<tr>
<td>8:30–8:40am</td>
<td>Welcome Remarks and Introductions:</td>
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<tr>
<td></td>
<td><strong>Shamena Maharaj</strong></td>
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<td>Director, Human Resources and Organizational Development &amp; Leadership,</td>
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<td><strong>Dr. Andy Smith</strong></td>
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<td><strong>Dr. Ari Zaretsky</strong></td>
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<td>Sunnybrook Health Sciences Centre</td>
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<td>McLaughlin Lecture Theatre, EG61</td>
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<td>8:40–9:25am</td>
<td>Opening Keynote Address:</td>
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<td></td>
<td><strong>Maria Mylopoulos, PhD</strong></td>
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<td></td>
<td>Scientist &amp; Associate Director - The Wilson Centre</td>
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<td>Associate Professor, Department of Paediatrics, University of Toronto</td>
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<td>Curriculum Scientist, Undergraduate Medical Education and Medical</td>
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<td>Psychiatry Alliance (MPA)</td>
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<td><strong>To Expert and Beyond: Can we create innovative problem solvers?</strong></td>
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<td>McLaughlin Lecture Theatre, EG61</td>
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<tr>
<td>9:25–9:45am</td>
<td>Break</td>
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<td>Oral Research Presentations</td>
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<td>McLaughlin Lecture Theatre, EG61</td>
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<td>10:45–10:50am</td>
<td>Break/Transition Time</td>
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<td>10:50am–12:20pm</td>
<td>Concurrent Workshops</td>
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<td>Various locations (refer to overall schedule pages 30 &amp; 31)</td>
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<td>Time</td>
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<td>12:20 – 1:20pm</td>
<td>Lunch</td>
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<td>McLaughlin Auditorium, EG18a</td>
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<td>Various locations (refer to overall schedule pages 30 &amp; 31)</td>
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<td>2:50–3:05pm</td>
<td>Break/Transition Time</td>
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<td>Oral Research Presentations</td>
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<td>McLaughlin Lecture Theatre, EG61</td>
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<td>3:55–4:20pm</td>
<td>Debate:</td>
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<td>Self-directed Continuing Professional Development has failed.</td>
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<td>Mandatory programs must be implemented</td>
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<td><strong>Sophie Soklaridis, PhD</strong></td>
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<td>Independent Scientist and Interim Director of Education, Centre for Addiction and Mental Health, CAMH</td>
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<td>Assistant Professor, Department of Psychiatry, University of Toronto</td>
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<td><strong>David Wiljer, PhD</strong></td>
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<td>Executive Director, Education Technology Innovation, UHN</td>
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<td></td>
<td>Associate Professor, Department of Psychiatry; Institute of Health Policy, Management &amp; Evaluation, University Health Network</td>
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<td>Collaborating Scientist, CAMH</td>
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<td><strong>Moderator: Mahan Kulasegaram, PhD</strong></td>
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<td>Scientist, The Wilson Centre and University of Toronto MD Program</td>
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<td>Assistant Professor, Office of Education Scholarship, Department of Family and Community Medicine</td>
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<td>McLaughlin Lecture Theatre, EG61</td>
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<tr>
<td>4:20–4:30pm</td>
<td>Closing Remarks &amp; Awards Ceremony:</td>
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<td><strong>Dr. Ari Zaretsky</strong></td>
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<td>Vice President, Education</td>
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<td>Sunnybrook Health Sciences Centre</td>
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<td>McLaughlin Lecture Theatre, EG61</td>
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* Exhibitors’ booths viewing will be available throughout the day in McLaughlin Auditorium, EG18a.

** Education Research Posters viewing will be available from 7:30 am to 4:00 pm in McLaughlin Auditorium, EG18a.
Keynote Presenter

Maria Mylopoulos, PhD

Maria’s research program explores the development and maintenance of adaptive expertise, with a particular focus on how health professionals deal with uncertainty, novelty and complexity in their daily clinical problem solving. The aim of her research is to evolve understanding of adaptive expertise as it occurs in real-world contexts. The ultimate goal of her research is to translate this understanding to educational design that promotes the development of adaptive expert clinicians who are able to handle the complexities and challenges of the healthcare workplace.
Afternoon Debate

Sophie Soklaridis, PhD

Sophie Soklaridis is an Independent Scientist and Interim Director of Education at the Centre for Addiction and Mental Health and an Assistant Professor, Department of Psychiatry, University of Toronto. She leads two programs of research in client/family education and simulation education in mental health. Her sociological perspective provides important insights into the social and interpersonal dimensions of mental health and clinical practice. Her research interests focus on the inclusion of families in the life of the hospital as advisors, educators and experts through the lens of critical sociology. She is also interested in helping to preparing mental health care professionals to address the needs of an increasingly diverse, complex society and fosters a critical sociological consciousness to ensure that social justice and humanistic care are as important as neuroscientific and pharmacological aspects of care. The themes of relationship-centred care, social justice, co-creation and humanism have guided her work.
David Wiljer, PhD

Dr. David Wiljer is a member of the community providing groundbreaking perspectives and inspiring contributions to digital health policy, management, education and evaluation. He is the Executive Director of Education, Technology & Innovation at the University Health Network, and former Senior Director of Transformational Education and Academic Advancement at CAMH. David is also an Associate Professor in the Department of Psychiatry, Faculty of Medicine and the Institute of Health Policy Management and Evaluation at the University of Toronto. He is a former President of the American Association of Cancer Education, and was the founding Chair of a national working group, the Canadian Committee for Patient Accessible Electronic Health Records (CCPAEHR), dedicated to involving patients in their EH. He was also an inaugural Associate Director of the Centre for Health, Wellness and Cancer Survivorship at the Princess Margaret Cancer Program at the University Health Network.

His work focuses on patient and health professions education, specifically patient involvement, digitally enabled education and life-long learning. He has explored the development of large programs, infrastructure, communities, and research initiatives that involve health professionals, patients and families in new approaches to education and care delivery, including patient portals for providing patients with access to their health records and social networking approaches to promote self-management and self-care.
Afternoon Debate: Moderator

Mahan Kulasegaram, PhD

Kulamakan (Mahan to friends, colleagues, and everyone else) Kulasegaram is a Scientist at the Wilson Centre and the University of Toronto MD program. His is an Assistant Professor in the Office of Education Scholarship in the Department of Family and Community Medicine. His research is how the experience of assessment can be aligned with cognitive processes that promote transfer of learning and clinical reasoning by students. His work examines educational assessment from both a psychometric and cognitive perspective. This involves re-examining the entire context of assessment - the objectives, process, tools, learners, and raters - from theoretical perspectives informed by cognitive theory and best evidence on measurement. His other major interest is in the application of cognitive theory and learning science to instructional design and in particular the promotion of transfer. Additionally, he dabbles in applying novel and advanced statistical methods to large data sets as well as in realm of admissions and selection of health professionals.
**Digital Narrative Medicine for Bipolar Disorder**

“All sorrows can be born if you put them in a story or tell a story about them.”

Isak Dinesen.

Medical anthropologists argue that illness narratives are not merely accounts of symptoms but a mechanism through which people become aware of and make sense out of their experiences. A transformation takes place from something lived into something interpreted that is given structure and meaning through the dialogue that takes place between the patient and physician.

Inspired by the New York Times (2011) multimedia series *Lives Restored*, The Bipolar Disorder Digital Narrative Medicine Project was developed based on the theoretical foundation of narrative medicine as well as the recovery model. In this project, 5 diverse men and women with bipolar disorder who were treated at Sunnybrook Health Sciences Centre in Toronto, Canada were interviewed about their experience of illness by a renowned health reporter and a detailed narrative was then constructed of their life story. Each narrative was accompanied by a 3-5 minute short film that sensitively depicted each person as a unique individual living with dignity despite suffering from a serious mood disorder. The goal of this multimedia project was to facilitate a more personalized and subjective understanding of bipolar disorder and to enhance compassion in the treatment of mental illness.

Upon completion, session attendees will be able to:

- **Learning Objective 1:** Describe how narrative medicine and recovery principles can be effectively applied to film depiction of mental illness.
- **Learning Objective 2:** Recognize how narrative and film can be combined together to enhance empathy and compassion in mental health care.
- **Learning Objective 3:** Reflect on how to assess impact from educational products whose primary aim is to enhance compassion in mental healthcare.

Ari Zaretsky, MD, FRCPC, Sunnybrook Health Sciences Centre
Family as Faculty: Learning from the lived experience

Although we as healthcare educators have expertise in our professional area of practice, we do not necessarily know what it’s like to be in the shoes of the clients and families that we work with. There is great opportunity to collaborate with clients and families to enable teaching excellence. In this interactive workshop, participants will gain a deeper understanding of the challenges our clients and families face, and the importance of involving families as educators and how incorporating their experience enriches the learning environment. Workshop participants will have an opportunity to reflect on their practice and learn from others.

As a participant, you will:

• Discuss why and how involving the lived experience enhances teaching
• Identify challenges, opportunities and supports needed for involving clients and families as educators
• Develop or modify an action plan for involving clients and families as educators in your work

Amir Karmali, Holland Bloorview Kids Rehabilitation Hospital; and Susan Cosgrove

Caregivers as Educators of Healthcare Professionals

The presentation is primarily based upon a spousal caregiver who provides care to his wife who has young onset dementia. He describes the caregiving journey as “muddling” through. He discusses professional interventions which he found useful and helpful, as the primary caregiver, and which interventions he did not find helpful. His perspective is interesting, thoughtful, insightful and extremely valuable to both spousal caregivers, their families, and to professionals providing caregiving education, support and navigation of the healthcare system, community programs and services.

Elaine Kohn MSW, RSW, Baycrest Health Sciences
**Theme: Team-Based Learning**

**Generation Google: How to survive and thrive in a multigenerational team environment**

The workshop is designed to outline generational theory and to describe individual generations that exist within the current healthcare team. The workshop highlights the communication styles of each generation; the misunderstandings that can take place and the opportunities for common ground.

*Mara Goldstein MD, FRCPC, St. Michael’s Hospital*

**Educational Strategies on Engaging Communication and Conflict Within an Interprofessional Team**

Interprofessional conflict is a key competency for both individuals and teams to provide person-centred care. Facilitation in conflict competence reinforces that conflict is a natural part of our working life and influences our ability to provide person-centred care. Through the use of interactive discussion, self-reflection and video scenarios, participants will be able to reflect on their own ability to engage, facilitate and educate on interprofessional conflict, utilize tools/resources to pro-actively support interprofessional communication and team collaboration.

Participants will:

- Define conflict and relevance to interprofessional teams;
- Examine sources of interprofessional conflict and factors that create a climate for conflict competence and psychological safety;
- Assess and reflect on preferred conflict style and responses to IP conflict;
- Reflect on the role as an educator and facilitator to engage learners and teams in reframing conflict towards interprofessional collaborative care

*Dean Lising, University Health Network, Toronto Western Hospital; and Elizabeth McLaney, Sunnybrook Health Sciences Centre*
Interprofessional Simulation – Bringing People Together

Interprofessional (IPE) Simulation is an innovative teaching strategy to enhance collaborative care. Join this session for an opportunity to identify the benefits of using simulation in an interprofessional context, apply the principles of scenario design to an IPE simulation and discuss IPE facilitation and simulation debriefing strategies.

Agnes Ryzynski, Sunnybrook Health Sciences Centre; and Darlene Hubley, Holland Bloorview Kids Rehabilitation Hospital

Theme: Learner Experience and Culture

Effective Communication with the Learner in Difficulty

Clinical teachers are often daunted by the realisation that a learner is in difficulty. Reluctance to offend the learner, frustration with the learner for not meeting responsibilities, and fear of having to justify one’s actions can make it challenging to address concerns in a timely, supportive and productive way. There is a need to train faculty to be able to articulate the behaviours that make a resident appear “lazy,” and how to communicate “bad news” (Dudek, 2005). This workshop will introduce three communication techniques to help teachers talk to learners about performance issues, clarify the underlying problem, and begin to negotiate a remediation plan.

Dialectical Behaviour Therapy is a manualised, evidence-based psychotherapy which operationalizes its communication techniques in a concrete, specific way. Transferring strategies from a therapeutic to a teaching context allows teachers to improve the depth, clarity and directness of their communication, and helps counteract the urge to avoid raising difficult topics. The three techniques that this session will focus on are: validation, “both-and” statements, and a structure for difficult conversations.

Carmen Wiebe MD, FRCPC, Centre for Addiction and Mental Health (CAMH); and Mark Halman MD, FRCPC, Mount Sinai Hospital
How to Promote Student Wellbeing - Perspectives from the Medical Student Community

Join us for a workshop with representatives from Student Health Initiatives and Education (SHINE), ArtBeat, Monologues in Medicine, and After Hours, student organizations within the University of Toronto, Faculty of Medicine. Attendees will be introduced to how students are caring for their fellow peers and how the University of Toronto, Faculty of Medicine is supporting these organizations. This workshop will focus on understanding the perspectives of medical students at the pre-clerkship level from a variety of areas including the humanities, resiliency, and well-being. By the end of this session, attendees will be able to understand the needs and perspectives of medical students in order to become more effective educators in the medical education setting.

Matthew Wong-Pack; Brittany Chow; Helen Genis; Amber Cintosun; Eliza Pope; Sally Kang; and Jonah Himelfarb

Keys to a Successful Preceptorship Program: Focusing on our Student Learners and Trainees

This workshop is designed to provide clinicians who practice within a teaching hospital knowledge and skills to support a successful student learning experience. The session will be a combination of didactic and practical learning. The practical component will introduce the participants to the key elements of preceptorship including setting learning expectations, feedback, fostering clinical reasoning, conflict and relationship building. The practical component will consist of small group discussion of teaching cases based on the experience of the faculty and their colleagues. At the end of the session, participants will be able to understand and apply strategies as well as educational concepts supported by tools to become a more effective preceptor as part of their role as a clinician within an academic clinical setting.

Lisa Di Prospero MRT(T), BSc, MSc; Bev Waite; Melissa Adamson RN, BScN, Marnie Peacock BSc, MRT(T); and Kirsten Muller, Sunnybrook Health Sciences Centre
Theme: Education Scholarship

Developing Adaptive Expertise: What educators need to know

Adaptive expertise provides a theoretical and educational framework for developing the experts we need. In this workshop participants will have an opportunity to connect their own education practice to three key educational approaches that have been shown to foster adaptive expertise: fostering understanding, embracing struggle, and maximizing variation.

Maria Mylopoulos PhD, UHN – Toronto, General Hospital; and Nicole Woods PhD, UHN – Toronto, General Hospital

Curricular Design and Improvement: A roadmap to strategic curriculum development

Healthcare educators aim at improving the educational experience of their trainees. Curricular changes can contribute to better learner experience by ensuring that the educational strategies, content, experiences, assessment, and outcomes are well aligned. This workshop will discuss theories and practices related to curricular design and improvement, and will propose a stepwise approach to strategic curriculum development. Participants will also have the opportunity to discuss and reflect on how these concepts could apply to their educational environment.

Dominique Piquette MD, MSc, MEd, PhD, FRCPC, Sunnybrook Health Sciences Centre; and Briseida Mema MD, FRCPC, The Hospital for Sick Children

Immersive Reality and Its Use in Healthcare – Current Uses and Future Direction

This workshop will provide a general scope of the current use for VR within healthcare. It will also outline the cognitive learning theories underpinning its use and how best to create future VR tools using such models. We will discuss how we are implementing VR technology in our own centres and the results of our efficacy trials. Lastly we will briefly highlight, and demonstrate with examples, current software and popular tools needed to create one’s own immersive content.

Fahad Alam MD, FRCPC, Sunnybrook Health Sciences Centre; and Clyde Matava MB, ChB, MMed, The Hospital for Sick Children
Oral Research Presentations – Session 1

Short Communication Sessions (EG61):

Moderator: Dr. Ewa Szumacher

9:45–9:55am

“Alleviating Pre-operative Anxiety Through Patient Education with Innovative 360° Immersive Virtual Reality” (Theme: Patient as Educator)

Authors: Fahad Alam, Sunnybrook Health Sciences Centre
         Shelly Au, Sunnybrook Health Sciences Centre
         Vicki Leblanc, University of Ottawa
         Jordan Tarshis, Sunnybrook Health Sciences Centre
         Joseph Ferenbok, University of Toronto
         Clyde Matava, The Hospital for Sick Children

9:55–10:05am

“Effects of the Level of Autonomy on Resident Learning during Simulated Resuscitation: Lessons learned from a feasibility study” (Theme: Education Scholarship)

Authors: Dominique Piquette, Sunnybrook Health Sciences Centre
         Ryan Brydges, The Wilson Centre
         Alberto Goffi, Toronto Western Hospital
         Christie Lee, Mount Sinai Hospital
         Susan DeSousa, Sunnybrook Health Sciences Centre
         Andre Amaral, Sunnybrook Health Sciences Centre
         Charlotte Ringsted, The Wilson Centre

10:05–10:15am

“Reinventing Team-based Learning through Serious Games” (Theme: Team-based Learning)

Authors: Jennifer Reguindin, Baycrest Health Sciences
         Raquel Meyer, Baycrest Health Sciences
         Maria Nelson, Baycrest Health Sciences
10:15–10:25am

“Engaging the Stage: Enhancing clinical/interprofessional competencies and reflective practice through applied theatre” (Theme: Team-based Learning)

Authors: Hartley Jafine, Baycrest Health Sciences
Melissa Tafler, Baycrest Health Sciences
Raquel Meyer, Baycrest Health Sciences

10:25–10:35am

“‘Please. Don’t. Die.’ A Grounded Theory Study of Bystander Cardiopulmonary Resuscitation” (Theme: Learner Experience and Culture)

Authors: Justin Mausz, McMaster University
Paul Snobelen, Peel Regional Paramedic Services
Walter Tavares, University of Toronto

Oral Research Presentations – Session 2

Short Communication Sessions

Moderator: Agnes Ryzynski

3:05 – 3:15pm

“Experiencing Dementia in Virtual Reality (VR): An immersive multisensorial simulation to increase empathy in formal and informal caregivers” (Theme: Learner Experience and Culture)

Authors: Lisa Sokoloff, Baycrest Health Sciences
Raquel Meyer, Baycrest Health Sciences
Faith Boutcher, Baycrest Health Sciences
Alvina Anantram, Baycrest Health Sciences
Rosalind Sham, Baycrest Health Sciences
Sandra Gardner, Baycrest Health Sciences
### 3:15 – 3:25pm

**“Reinventing the Case Study through the Integration of Simulation, Game-based Learning and eLearning: Evaluation of an app to improve knowledge application in the care of the frail elderly at risk of acute deterioration”** *(Theme: Education Scholarship)*

**Authors:** Raquel Meyer, Baycrest Health Sciences  
Jennifer Reguindin, Baycrest Health Sciences  
David Chandross, Ryerson University  
Sandra Gardner, Rotman Research Institute

### 3:25 – 3:35pm

**“Failing to Fail Under-performing Residents – Do We Have a Problem?”** *(Theme: Education Scholarship)*

**Authors:** Fahad Alam, Sunnybrook Health Sciences Centre  
Dylan M. Bould, Children’s Hospital of Eastern Ontario  
Zeev Friedman, Mount Sinai Hospital

### 3:35 – 3:45pm

**“The Development, Testing, and Employment of a Competency-based Evaluation Online Platform for Prosthetic/Orthotic Patient Projects, with an Interface for Admin, Faculty & Students”** *(Theme: Learner Experience and Culture)*

**Authors:** Gordon Karl Ruder, George Brown College Prosthetics & Orthotics Programs, Sunnybrook Hospital Campus  
Amy Jean Richardson, George Brown College Prosthetics & Orthotics Programs, Sunnybrook Hospital Campus  
Patricia Dang, Hamilton Health Sciences  
Emma Holmes, Boundless Biomechanical Bracing
### Poster Sessions

**McLaughlin Auditorium (EG18a):**

12:20 – 1:20pm

1. **“Piloting an Interprofessional Peer-to-peer Writing Group to Advance Academic Practice Through the Development of Manuscripts for Publication”**  
   *(Theme: Team-based Learning)*
   
   **Authors:** Lisa Di Prospero, Sunnybrook Health Sciences Centre  
   Arlinda Ruco, Sunnybrook Health Sciences Centre  
   Sara Morassaei, Sunnybrook Health Sciences Centre

2. **“Building Capacity for Research across the Interprofessional Team: Early findings from the Researcher Development Program”**  
   *(Theme: Team-based Learning)*
   
   **Authors:** Lisa Di Prospero, Sunnybrook Health Sciences Centre  
   Arlinda Ruco, Sunnybrook Health Sciences Centre  
   Christopher Townsend, Sunnybrook Health Sciences Centre  
   Sara Morassaei, Sunnybrook Health Sciences Centre

3. **“Does Test-enhanced Learning Improve Success Rates of Ultrasound-guided Peripheral Intravenous Insertion? A randomized-controlled trial”**  
   *(Theme: Education Scholarship)*
   
   **Authors:** Jordan Chenkin, Sunnybrook Health Sciences Centre, University of Toronto  
   Adam Slomer, University of Toronto

4. **“Leadership Education in Radiation Oncology Residency Training”**  
   *(Theme: Learner Experience and Culture)*
   
   **Authors:** Jenna Adleman, University of Toronto  
   Mark Niglas, University of Toronto  
   Barbara-Ann Millar, University of Toronto
5.

“National Survey Among Radiation Oncology Residents Related to their Needs in Geriatric Oncology” (Theme: Learner Experience and Culture)

Authors: Ewa Szumacher, Sunnybrook Health Sciences Centre
Rachel Leifer, Sunnybrook Health Sciences Centre
Bonnie Bristow, Sunnybrook Health Sciences Centre
Martine Puts, University of Toronto
Shabbir Alibhai, University Health Network
Xingshin Cao, Sunnybrook Health Sciences Centre
Barbara-Ann Millar, University of Toronto
Meredith Giuliani, University of Toronto
Tina Hsu, University of Ottawa
Maureen Trudeau, University of Toronto
Rajin Mehta, Sunnybrook Health Sciences Centre
Ines Menjak, University of Toronto
Mireille Norris, Sunnybrook Health Sciences Centre
Barbara Liu, Sunnybrook Health Sciences Centre
François Gallant, Sunnybrook Health Sciences Centre

6.

“Initiating a Sustainable Inter-professional Paediatric Mock Code Program using High Fidelity Simulation in a Community Hospital” (Theme: Team-based Learning)

Authors: Karen Fleming, North York General Hospital
Melanie Ostreicher, North York General Hospital
Darlene Baldaro, North York General Hospital
Ronik Kanani, North York General Hospital
Sheri Ferkyl, North York General Hospital
Dianne Rice, North York General Hospital

7.

“Physician Scorecards as a Novel Approach to Performance Feedback and Education: Should quality be negotiable?” (Theme: Team-based Learning)

Authors: Anand Lakhani, University of Toronto
Brandon Tang, University of Toronto
Amir Ginzburg, Trillium Health Partners
Dante Morra, Trillium Health Partners
8. “Impact of Competency-based Evaluation on Student Learning and Graduates’ Competency: Comparing prosthetics and orthotics to other health care profession education programs” (Theme: Team-based Learning)
Authors: Emma Holmes, Boundless Biomechanical Bracing
         Patricia Dang, Hamilton Health Sciences
         Amy Jean Richardson, George Brown College
         Gordon Karl Ruder, George Brown College

9. “Novel Student-Preceptor Models in Pharmacy Education: A qualitative analysis of the PharmD student experience” (Theme: Learner Experience and Culture)
Authors: Caitlin McIntyre, University Health Network, Leslie Dan Faculty of Pharmacy
         Cindy Natsheh, University Health Network, Leslie Dan Faculty of Pharmacy
         Kori Leblanc, University Health Network, Leslie Dan Faculty of Pharmacy
         Olavo Fernandes, University Health Network, Leslie Dan Faculty of Pharmacy
         Aleksandra Bjelajac Mejia, Leslie Dan Faculty of Pharmacy
         Lalitha Raman-Wilms, Leslie Dan Faculty of Pharmacy
         Karen Cameron, University Health Network, Leslie Dan Faculty of Pharmacy

10. “‘You Have a Friend in Me’: Implementing change to enhance student clinical experience” (Theme: Learner Experience and Culture)
Authors: Marnie Peacock, Sunnybrook Health Sciences Centre
         Krista Dawdy, Sunnybrook Health Sciences Centre
         Karen Moline, Sunnybrook Health Sciences Centre
         Stephen Russell, Sunnybrook Health Sciences Centre
11. “Virtual Partnership in Education – Embedding Technology in Learning and Practice” (Theme: Learner Experience and Culture)
Authors: Katherine Vandenbussche, Sunnybrook Health Sciences Centre
Leslie Harden, London Health Sciences Centre

12. “Building Relationships and Staffing Resources – A Collaborative Partnership between Emergency and ACNRT” (Theme: Learner Experience and Culture)
Authors: Will Thomas-Boaz, Sunnybrook Health Sciences Centre
Dana MacKay, Sunnybrook Health Sciences Centre
Ray Howald, Sunnybrook Health Sciences Centre
Angie Jeffs, Sunnybrook Health Sciences Centre
Kim Tan, Sunnybrook Health Sciences Centre

13. “Cultivating a Culture of COMPASSION through SCHWARTZ Centre Rounds” (Theme: Learner Experience and Culture)
Authors: Christopher Townsend, Sunnybrook Health Sciences Centre
Shamena Maharaj, Sunnybrook Health Sciences Centre
Tracey DasGupta, Sunnybrook Health Sciences Centre
Lina Gagliardi, Sunnybrook Health Sciences Centre
Surjeet Rai-Lewis, Sunnybrook Health Sciences Centre
Bill Ford, Sunnybrook Health Sciences Centre

14. “Evaluation of an Online Education Resource on Radiation Therapy Created for Post-Prostatectomy Prostate Cancer Patients and their Caregivers” (Theme: Education Scholarship)
Authors: Ewa Szumacher, Sunnybrook Health Sciences Centre
Katija Bonin, University of Toronto
Deb Feldman-Stewart, Queen’s University
Merrylee McGuffin, Sunnybrook Health Sciences Centre, University of Toronto
15.

“Monitoring the Situation: Implementation of a patient information monitor in a radiation therapy department waiting room” (Theme: Patient as Educator)

Authors: Merrylee McGuffin, Sunnybrook Health Sciences Centre, University of Toronto
Brian Liszewski, Sunnybrook Health Sciences Centre, University of Toronto
Ruby Bola, Sunnybrook Health Sciences Centre
Stephanie Kulczyski, Sunnybrook Health Sciences Centre
Nikolas Gregor, Sunnybrook Health Sciences Centre
Fatima Hashmi, Sunnybrook Health Sciences Centre
Dilshad Nathoo, Sunnybrook Health Sciences Centre
Helen Su, Sunnybrook Health Sciences Centre
Romeo Tirona, Sunnybrook Health Sciences Centre
Angela Turner, Sunnybrook Health Sciences Centre, University of Toronto
Laura D’Alimonte, Sunnybrook Health Sciences Centre, University of Toronto

16.

“Current Screening, Training, and Intervention Practices of Family Medicine Trainees for Eating Disorders in Adolescents” (Theme: Patient as Educator)

Authors: Hiba Haidar Al-Bahrani, Sunnybrook Health Sciences Centre
Karen Fleming, Sunnybrook Health Sciences Centre
Susan Hum, Women’s College Hospital
Rachel Blair, Queen’s Medical School

17.

“Physician Wellness within the Department of Family and Community Medicine: Needs assessment and next steps” (Theme: Learner Experience and Culture)

Authors: Lisa Kachaniwsky, Sunnybrook Health Sciences Centre
Karen Fleming, Sunnybrook Health Sciences Centre
Heather Davidson, Sunnybrook Health Sciences Centre
18.

“Using Patient Education Material as a Primary Care Tool to Manage Women’s Future Cardiovascular Health” (Theme: Patient as Educator)
Authors: Karen Fleming, Sunnybrook Health Sciences Centre
       Shivani Bhat, Sunnybrook Health Sciences Centre

19.

“Online Lectures in Undergraduate Medical Education: A scoping review” (Theme: Learner Experience and Culture)
Author: Brandon Tang, University of Toronto
       Alon Coret, University of Toronto
       Aatif Qureshi, University of Toronto
       Henry Barron, University of Toronto
       Ana Patricia Ayala, University of Toronto
       Marcus Law, University of Toronto

20.

“Advice and Recommendations Given to Pregnant Elite and High-Level Recreational Athletes in the Sports Community – A Survey of Coaches” (Theme: Team-based Learning)
Authors: Hiba Haidar Al-Bahrani, Sunnybrook Health Sciences Centre
       Karen Fleming, Sunnybrook Health Sciences Centre
       Heather Davidson, Sunnybrook Health Sciences Centre

21.

“Beyond the Microscope – Delivering Leadership Development Training to the Anatomic Pathology Department” (Theme: Team-based Learning)
Authors: Nadia Ismiil, Sunnybrook Health Sciences Centre
       Matthew Cesari, Sunnybrook Health Sciences Centre
       Diana Goliss, Sunnybrook Health Sciences Centre
       Gail Sanders, Sunnybrook Health Sciences Centre
       Patrice Boullanne, Sunnybrook Health Sciences Centre
       Christopher Townsend, Sunnybrook Health Sciences Centre
       Shamena Maharaj, Sunnybrook Health Sciences Centre
22. “Learning Through the Experience of Creating an Educational Process for Patients Undergoing Gynecological Cancer Surgery”  
(Theme: Patient as Educator)  
Authors: Elaine Avila, Sunnybrook Health Sciences Centre  
Mary Glavessevich, Sunnybrook Health Sciences Centre  
Jing Zhou, Sunnybrook Health Sciences Centre

(Theme: Team-based Learning)  
Authors: Leigh Andrews, Sunnybrook Health Sciences Centre  
Susan DeSousa, Sunnybrook Health Sciences Centre  
Sue Herman, Sunnybrook Health Sciences Centre  
Gillian Balantyne, Sunnybrook Health Sciences Centre  
Deborah Cull-Hollingsworth, Sunnybrook Health Sciences Centre  
Enrico Valenzuela, Sunnybrook Health Sciences Centre

24. “Stepping in the Future of Senior Friendly Care: Staff Education and Engagement through the Voice of the Patient”  
(Theme: Patient as Educator)  
Authors: Jocelyn Elizabeth Denomme, Sunnybrook Health Sciences Centre  
Minoli Mendis, Sunnybrook Health Sciences Centre  
Deborah Brown, Sunnybrook Health Sciences Centre  
Beth O’Leary, Sunnybrook Health Sciences Centre  
Barbara Liu, Sunnybrook Health Sciences Centre  
Jesika Contreras, Sunnybrook Health Sciences Centre
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<thead>
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<th>EG18a</th>
<th>EG61</th>
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<td></td>
<td>McLaughlin Auditorium</td>
<td>McLaughlin Lecture Theatre (200)</td>
<td>Harrison Hall (117)</td>
<td>Nursing Education Classroom (25-30)</td>
<td>Organizational Development &amp; Leadership Classroom (20)</td>
<td>Seminar Room (40)</td>
<td>Meeting Room (15)</td>
<td>Simulation Centre (20)</td>
</tr>
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</table>

**Education Conference Schedule/Locations**

6th Annual Sunnybrook Education Conference:
Reinventing Learning - The Science Behind Teaching and Learning

Link: (sunnybrook.ca/educationconference)

7:30–8:30 (60 minutes) **Registration & Breakfast (Entrance to McLaughlin Auditorium)**

8:30–8:40 (10 minutes) **Welcome & Opening Remarks (McLaughlin Lecture Theatre)**

8:40–9:25 (45 minutes) **Opening Keynote Address:** Maria Mylopoulos - Title: “To Expert and Beyond: Can we create innovative problem solvers?”

9:25–9:45 (20 minutes) **BREAK (McLaughlin Auditorium)**

9:45–10:45 (60 minutes) **5 Research Presentations (McLaughlin Lecture Theatre)**

10:45–10:50 (5 minutes) **Transition to Workshops 5 min**

10:50–12:20 (90 minutes) **Caregivers as Educators of Healthcare Professionals**

- **Elaine Kohn**

**Family as Faculty: Learning from the lived experience**

- **Amir Karmali & Susan Cosgrove**

**Effective Communication with the Learner in Difficulty**

- **Carmen Wiebe & Mark Halman**

**Curricular Design and Improvement: A roadmap to strategic curriculum development**

- **Dr. Briseida Mema & Dr. Dominique Piquette**

**Developing Adaptive Expertise: What educators need to know**

- **Maria Mylopoulos & Nicole Woods**

**Interprofessional Simulation - Bringing People Together**

- **Agnes Ryzymski & Darlene Hubley**

12:20–1:20 (60 minutes) **LUNCH (McLaughlin Auditorium)**

1:20–2:50 (90 minutes) **Poster View and Presentations during Lunch (12:20 – 12:30pm)**

**Curricular Design and Improvement: A roadmap to strategic curriculum development**

- **Dr. Briseida Mema & Dr. Dominique Piquette**

**Developing Adaptive Expertise: What educators need to know**

- **Maria Mylopoulos & Nicole Woods**

**Interprofessional Simulation - Bringing People Together**

- **Agnes Ryzymski & Darlene Hubley**

2:50–3:05 (15 minutes) **BREAK (McLaughlin Auditorium)**

3:05–3:55 (50 minutes) **4 Research Presentations (McLaughlin Lecture Theatre)**

**Generation Google: How to Survive and Thrive in a Multigenerational Team Environment**

- **Dr. Mara Goldstein**

**Educational Strategies on Engaging Communication and Conflict Within an Interprofessional Team**

- **Dean Lising & Elizabeth McLaney**

**Digital Narrative Medicine for Bipolar Disorder**

- **Dr. Ari Zaretsky**

**How to Promote Student Well-being: Perspectives from the Medical Student Community**

- **Matthew Wong-Pack, Sally Kang, Artbeat & Monologies in Medicine**

**Keys to a Successful Preceptorship Program: Focusing on our Student Learners and Trainees**

- **Lisa Di Prospero, Bev Waite, Melissa Adamson, Marine Peacock & Kirsten Muller**

**Immersive Reality and Its Use in Healthcare - Current Uses and Future Direction**

- **Dr. Fahad Alam & Dr. Clyde Matava**

3:55–4:20 (25 minutes) **Debate: Sophie Soklaridis, PhD & David Wiljer, PhD** - Title: “Self-directed Continuing Professional Development has failed. Mandatory programs must be implemented.”

**Moderated by:** Mahan Kulasegaram

4:20–4:30 (10 minutes) **Awards Ceremony, Closing Remarks & Passport Activity Draw**
Thank you to our Education Conference Planning Group

Dr. Ari Zaretsky  
Vice President, Education

Shamena Maharaj (Co-chair)  
Director, Human Resources & Organizational Development & Leadership

Dr. Dominique Piquette (Co-chair)  
Staff Physician, Critical Care Medicine

Agnes Ryzynski (Co-chair)  
Manager, Sunnybrook Canadian Simulation Centre & Curriculum Development

Fatima da Costa  
Conference Lead and Coordinator, Sunnybrook Education Conference (SEAC)

Alexis Dobranowski  
Communications Advisor

Christopher Townsend  
Manager, Organizational Development & Leadership

Doug Nicholson  
Assistant Manager, Media Services

Jennifer Shaffer  
Professional Practice Leader, Physical Therapy

Jordan Tarshis  
Director, Sunnybrook Canadian Simulation Centre

Lisa Di Prospero  
Director, Practice-based Research and Innovation

Md Farid Miah  
Manager, Library Services

Melissa Adamson  
Interim Education Lead – Nursing (Students)

Susan DeSousa  
Education Coordinator, Sunnybrook Canadian Simulation Centre

Tracey DasGupta  
Director, Interprofessional Practice

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6th Annual Sunnybrook Education Conference
Reinventing Learning: The Science Behind Teaching & Learning

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