

What Really Works in Educational Simulations for Healthcare

Sponsored by:



Network of
Excellence in Simulation
for Clinical Teaching and Learning



Purpose

The Health Education Research Technology Unit (HETRU) is proud to present an important and timely conference: "What Really Works in Educational Simulations for Healthcare". This conference is an ideal opportunity to convene health care practitioners, educators and researchers to explore the different dimensions of simulation usage for clinical teaching and learning. Individuals interested in learning how to apply, evaluate and assess simulation within their curriculum, and clinical training programs are encouraged to participate in this exciting event.

HETRU is part of the University of Ontario Institute of Technology (UOIT), which is the only laptop university in Ontario and a leader in technology enhanced education. HETRU is taking a leadership role in developing frameworks for evidence-based learning within the domains of healthcare education and training. As a major research unit at UOIT, HETRU has developed a broadly based strategy to study technology-enhanced education derived from rigorous research studies. Importantly, HETRU combines human and technological interfaces for high-touch and high-tech evidence-based learning reaching across the range of healthcare students and providers, from novice to expert.

The conference is being co-sponsored by the Network of Excellence in Simulation for Clinical Teaching and Learning (NESCTL). NESCTL is a joint venture of the Toronto Academic Health Science Network (University of Toronto Health Science Faculties and the 10 Academic Hospitals fully affiliated with the University of Toronto) and The Michener Institute for Applied Health Sciences. NESCTL was established in March 2007 through a grant from the Ministry of Health and Long Term Care (MOHLTC).

NESCTL is the first of its kind to link facilities, services and resources at multiple sites in Ontario to advance inter-professional clinical education and the evaluation of simulated learning by health professions. It will advance simulated clinical learning (a critical component of healthcare teaching and learning environment) which in turn translates into patient safety, more effective and efficient patient care, and improved health outcomes. NESCTL will play a leadership role in health profession education for the adoption of simulated clinical learning as a key component of clinical education and would act as an advocate for clinical simulation with public and private organizations.

Who should attend?

Any healthcare professionals, healthcare educators, researchers, individuals with a strong interest in building simulations, advanced technology, simulations utilizing interprofessional care, and individuals interested in enhancing the healthcare system with technology.

Why attend?

Individuals interested in the use of simulation in healthcare, exploring the makings of simulations, and involved in the development of interprofessional care would particularly find this conference to their liking. This conference will then further investigate the importance of simulation and interprofessional healthcare practices, how to integrate it into the academic curricula and apply it, and thus, how to implement it in classrooms and what tools can be used for evaluation purposes.

Keynote & Plenary Speakers

Friday: Dr. Geoff Norman (McMaster University)

Saturday: Dr. Samsun (Sem) Lamptang (Centre for Simulation, Advanced Learning and Technology, University of Florida)

Sunday: Dr. Paula Burns (The Northern Alberta Institute of Technology)

Conference Schedule

FRIDAY

Time	Conference Activities
3:00 – 6:00 PM	Registration
4:30 – 5:45 PM	Conference Opening ✚ Welcome ✚ Introduction to the Conference
6:00 – 8:00 PM	Networking Dinner Dr. Geoff Norman (McMaster) -- Keynote Address: Is Evidence-based Learning a Precedent to Evidence-based Practice – A Critique of Simulations in Healthcare Education and Training



Geoff Norman, PhD, is Professor of Clinical Epidemiology and Biostatistics, McMaster University. He is the author of 10 books in education, measurement and statistics, and over 200 journal articles.

Dr. Norman's primary research is in the area of expert diagnostic reasoning, and various aspects of how medical students learn. He has contributed to the theoretical foundation of problem-based learning. He has also conducted experimental research in many areas related to education: anatomy learning from computer, use of simulations in clinical learning, the role of basic science in medical education. He is currently exploring the use of high fidelity simulation in clinical learning. He has also been involved in student assessment, and has developed and validated a number in innovative assessment methods, and has made substantial contributions to assessment methodology.

He has won numerous awards, including the Hubbard Award from the National Board of Medical Examiners in 1989, the Award of Excellence of the Canadian Association for Medical Education in 1997, the Distinguished Scholar Award of the American Educational Research Association, Division I, in 2000, and the Award for Outstanding Achievement of the Medical Council of Canada in 2001. He presently holds a Canada Research Chair. He was elected a Fellow of the Royal Society of Canada in 2007.

SATURDAY

Time	Conference Activities
7:00 – 8:00 AM	Continental Breakfast and Ongoing Registration
8:00 – 10:00 AM	Concurrent Sessions <ul style="list-style-type: none">  How People Learn within Clinical Simulations  Evaluation of Clinical Education and Training Programs  Critical Research in the Effective Use of Simulations for Healthcare Education and Training  Assessing Performance and Competencies within Simulated Clinical Environments
10:00 – 10:15 AM	Break
10:15 AM – 12:15 PM	Concurrent Sessions <ul style="list-style-type: none">  How People Learn within Clinical Simulations  Evaluation of Clinical Education and Training Programs  Critical Research in the Effective Use of Simulations for Healthcare Education and Training  Assessing Performance and Competencies within Simulated Clinical Environments
12:15 – 1:30 PM	Lunch Poster Sessions and Vendor Displays
1:30 – 3:30 PM	Concurrent Sessions <ul style="list-style-type: none">  How People Learn within Clinical Simulations  Evaluation of Clinical Education and Training Programs  Critical Research in the Effective Use of Simulations for Healthcare Education and Training  Assessing Performance and Competencies within Simulated Clinical Environments
3:30 – 3:45 PM	Break
3:45 – 5:45 PM	Concurrent Sessions <ul style="list-style-type: none">  How People Learn within Clinical Simulations  Evaluation of Clinical Education and Training Programs  Critical Research in the Effective Use of Simulations for Healthcare Education and Training  Assessing Performance and Competencies within Simulated Clinical Environments
6:00 – 7:30 PM	Networking Dinner Dr. Samsun (Sem) Lampotang (University of Florida) -- Keynote Address: Emerging Technologies and the Future of Educational Simulations



Samsun (Sem) Lampotang, PhD, is a Professor of Anesthesiology at the University of Florida. He is co-inventor of the Human Patient Simulator (HPS), a physical mannequin patient simulator and of the free, web-enabled, virtual simulation portfolio at the Virtual Anesthesia Machine web site (<http://vam.anest.ufl.edu/wip.html>).

His research spans the physicality-virtuality continuum of simulation. His most recent work is on emerging technologies such as mixed simulation, a novel application of augmented reality, which synergizes physical and virtual simulation.

Dr. Lampotang has received numerous awards, including the 2007 Society for Education in Anesthesia/Duke Award for Excellence and Innovation in Anesthesia Education.

SUNDAY

Time	Conference Activities
8:00 – 9:00 AM	Continental Breakfast
9:00 – 10:00 AM	Plenary Workshop: Integrating Simulations into Courses and Curricula Dr. Paula Burns (The Northern Alberta Institute of Technology)
10:00 – 11:00 AM	Breakout Sessions: <ol style="list-style-type: none"> 1. Hospital Training Programs 2. University and College Course Designs 3. Undergraduate Curricular Frameworks 4. Post-Baccalaureate Curricular Frameworks 5. Competency Assessment for Interprofessional Education
11:00AM – 12:00 PM	Closing Session <ol style="list-style-type: none"> 1. Report of Breakout Sessions 2. Open Forum 3. Next Steps and Closing Remarks



Dr. Paula Burns, PhD, is an accomplished educator who began her career in education as a faculty member in Respiratory Therapy at The Michener Institute. She has held several coordinator positions in both full time and continuing education programs, and was an Academic Chair, prior to becoming a Vice Provost. She has provided leadership for academic programming and curriculum and faculty development, and change management. Paula’s responsibilities have also included leading the implementation of an Academic Innovation Change Strategy, and she continues to develop skills in change leadership.

Paula has delivered a number of presentations and workshops in the area of faculty development, teaching and learning, and curriculum design, including presentations at the National Council for Staff and Professional Organization and Development (NCSPOD), and Professional and Organizational Development (POD), and The Chair Academy. She has facilitated the development of two National Competency profiles and consults internationally in the area of curriculum development. Recently she has led two Inter-professional Collaboration Camps, an organizational development opportunity for faculty and staff at Michener.

Registration Form

Please fill out this form and submit it to the Health Education Technology Research Unit (HETRU) at hetru@uoit.ca.

"What Really Works in Educational Simulations for Healthcare"

November 21, 2008 – November 23, 2008

Name: _____
(Last) (First) (Middle Initial)

Home Address: _____
(Street) (City) (Province/State)

(Postal/Zip Code) (Country)

Tel: Home (____) _____ Work (____) _____ Cell (____) _____

Fax: (____) _____ E-mail: _____ **[**required**]**

Registration:

I wish to attend this 3 day conference, and pay:

- \$ 400 (original price per person)
- \$ 250 (if stipend was granted) **Note:** If you are interested in getting a stipend of \$150, contact HETRU at hetru@uoit.ca **prior to paying** your registration fee.
- \$450 (Payment made as part of a late registration fee after November 1, 2008)

Please make cheque payable to:

Health Education Research Technology Unit
Lisa Kitchen
UOIT, Faculty of Health Sciences
2000 Simcoe Street North
Oshawa, Ontario
L1H 7K4

Registration Confirmation: Once your application form is submitted to HETRU, a confirmation e-mail will be sent to you.

CME Credits: The conference sponsors have applied for Royal College of Physicians & Surgeons of Canada (RCPSC) Section 1 Study Credits. If participants are interested in these Study Credits, please contact Lisa Kitchen at hetru@uoit.ca or (905) 721-8668 ext. 3718.

In addition, please indicate which breakout session(s) you would be most interested in participating in:

- Hospital Training Programs
- University and College Course Designs
- Undergraduate Curricular Frameworks
- Post-Baccalaureate Curricular Frameworks
- Competency Assessment for Interprofessional Education

Hotel Information



180 Consumers Road
Whitby, ON L1N 9S3

Fax: 905-665-8402

E-mail: groups@expresswhitby.com

Reservations: 1-800-HOLIDAY (465-4329)



Arrival date: November 21, 2008

Departure Date: November 23, 2008

Block Code: FHS

Price: \$ 108.00 + tax

Check in time: 3:00 pm (Note: no early check-ins available)

Check out time: 11:00 am (Guaranteed Check In must be cancelled by 6 pm local hotel time or 1 night will be charged)

Free Parking, Free wireless

Smoke-free Hotel

All rates are in Canadian Funds. Taxes are extra.

Enjoy your complimentary Deluxe Buffet Breakfast!

Monday to Friday: 6 AM – 9:30 AM

Saturday to Sunday: 7 AM – 10 AM

Cutoff date: November 11, 2008

Groups Coordinator: Lee

Phone: 905-665-8400 ext 503

Email: groups@expresswhitby.com





160 Consumers Drive
Whitby, Ontario L1N 9S3
Phone: 1 905 444 9756
Fax: 1 905 444 9758

Website: www.marriott.com/yyzwy

Arrival date: November 21, 2008
Departure Date: November 23, 2008
Group Code: UOIC
Price: \$ 129.00 + tax
Check in time: 3 pm (every effort, however, will be made to accommodate those guests who arrive prior to 3:00 pm)
Check out time: 12:00 pm
The group rate is per room, per night, plus 10% Tax in Canadian funds, net non-commissionable.

Non-authorized late check outs: 12pm – 3pm =50% of the negotiated room rate plus tax. After 3pm- of the negotiated room rate plus tax.

Benefit from the indoor pool, whirlpool, and fitness room: open from 6am-11 pm
Enjoy your complimentary Hot Buffet Breakfast: Mon-Fri at 6:30 – 9:30 AM, Sat-Sun: 7:00-10:00 AM

A complimentary light dinner is served from:

Monday to Thursday: 5:30- 7pm.
For a snack or light meal “The Market” is open 24 hours.

Cutoff date: November 7, 2008
Director of Sales: Jacque MacMillan
Phone: (905) 444-2057

Email: jacque.macmillan@marriott.com

Cancellation: In the event the entire group is cancelled after 30 days, there will be a charge of 25% of one night’s accommodation per room plus taxes; 20% of confirmed individual rooms may be cancelled 7 days prior to arrival. If the guest does not arrive, they will be billed for one night’s accommodation plus tax.

Method of Payment: All guests will present a valid Credit Card upon arrival for charges. All cash paying guests must provide two (2) pieces of valid identification; one must have a picture of the individual occupying the hotel room. As well, cash paying guests are required to pay the room and tax plus a **\$250.00** deposit refundable at check out, less any incidental charges incurred.

No Party Policy: It is our goal to provide you with a clean, comfortable room in which to relax and enjoy a quiet nights rest. In pursuit of this goal we have developed a policy to help insure all noise after 10:00pm is kept to a minimum.

Please note it is a smoke free hotel; if a guest smokes in the hotel they will be charged a \$ 250.00 penalty fee.

