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Emergency Medicine at
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Vice President of the
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Canadian Journal of
Emergency Medicine

Emergency Medicine Research Day



*Office of Continuing
Medical Education
and Professional
Development*

Thursday, April 30, 2015 7:00 AM - 4:00 PM
Theatre 4
Health Sciences Centre
University of Calgary, Cumming School of Medicine

Learning Objectives

At the conclusion of the 2015 Emergency Medicine Research Day, participants will be able to:

- a. Describe the current research performed by members of the Alberta Health Services Department of Emergency Medicine, the University of Calgary Emergency Medicine Residency Program, and collaborating researchers from other departments.
- b. Critically evaluate the projects for strengths and limitations.
- c. Describe evidence-based changes they will consider making in their practice.

This event is intended for
Emergency Physicians,
Emergency Medicine
Residents, Emergency
Nurses, Paramedics, Family
Physicians, Family Medicine
Residents, Medical and
Nursing Students and others
with an interest in
Emergency Medicine.



Study Credits

This program has been accredited by The College of Family Physicians of Canada and the Alberta Chapter for up to 6.0 MAINPRO-M1 credits.

The University of Calgary – Office of Continuing Medical Education and Professional Development is fully accredited by the Committee on Accreditation of Canadian Medical Schools (CACMS).

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. This program has been reviewed and approved by the office of Continuing Medical Education and Professional Development, University of Calgary. Participants may claim up to a maximum of 6.0 study credits.

Disclosures of Conflict of Interest

In keeping with accreditation guidelines, speakers participating in this event have been asked to disclose to the audience any involvement with industry or other organizations that may potentially influence the presentation of the educational material.



Emergency Medicine Research Day 2015

Agenda

07:00 – 08:00 Registration and Continental Breakfast

08:00 – 08:05 Welcome and Opening Remarks
Drs. Andrew McRae and Eddy Lang

08:05 – 09:05 Keynote Speaker
Evidence Based Pain Management
Dr. Jim Ducharme

09:05 – 10:15 Research Presentations

10:15 – 10:45 Refreshment Break

10:45 – 11:35 Research Presentations

11:35 – 12:35 **LUNCH**
Moderated Poster Session
HRIC Atrium

12:35 – 13:35 Panel Session
Free Open Access Meducation (FOAMed)
Drs. Jim Ducharme, Chris Bond, Teresa Chan, Rob Orman

13:35 – 14:25 Research Presentations

14:25 – 14:45 Refreshment Break

14:45 – 15:55 Research Presentations

15:55 – 16:00 Closing Remarks
Drs. Andrew McRae and Eddy Lang

Please note that the Research Presentations at this event may be completed studies or works in progress.



BIO JIM DUCHARME MD, CM, FRCPC, DABEM

Dr. Jim Ducharme is a Clinical Professor in the Division of Emergency Medicine at McMaster University, Editor-in-Chief of the Canadian Journal of Emergency Medicine and the Vice President of Medical Services for MedEmerg. He is an internationally known expert on pain management, a topic that has been the focus of his research for 20 years. He initiated the first symposium in acute pain research in Emergency Medicine in 1995. Additional clinical interests include integration of alternate care providers into Emergency Departments as well as human health resource issues and ED administration.



Chris Bond
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Clinical Lecturer
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(Candidate)

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Emergency Medicine Research Day 2015

Research Presentations

08:05 – 09:05	Dr. Jim Ducharme	Keynote - Evidence Based Pain Management
09:05 – 10:15 QA / QI	Brooke Nowicki	Can Low-Acuity Patients Be Referred Out To Primary Care From Triage? A Mixed-Methods Evaluation Of An Ongoing Program At A Tertiary Care Trauma Center
	Ryan Iverach	Use Of Pharmacological Sleep Aids Among Emergency Medicine Staff Physicians In A Canadian Tertiary-Care Setting: A Web Based Survey
	Michael Betzner / Adrianna Rowe	Quality Assurance Study Examining The Utility Of Extended Soaking Of The HCG Cartridge In The Setting Of Dilute Urine Samples
	Michele Foster	Optimal Shift Duration For Emergency Physician Efficiency, Effectiveness and Safety: A Comparison of 6, 7, and 8-Hour Shifts
	Jon Chow	Development Of An Emergency Department Referral Tool For Acute Mechanical Low Back Pain: Optimization Of Follow-Up Patient Care After Discharge From The Emergency Department
	Mehwish Hanif	The Relationship Between Frequent Emergency Department Visits And Mental Health: A Retrospective Study For The Burden Of Mental Illness Among Emergency Department Super Users
10:15 – 10:45		Refreshment Break
10:45 – 11:35 Clinical	Ashley Murakami	Managing Emergency Inpatient Holds In The Emergency Department
	Grant Innes	Surgical vs. Medical Management Of Renal Colic
	Andrew McRae	Test Characteristics And Prognostic Utility Of A High-Sensitivity Troponin T Assay Performed At ED Arrival For Emergency Department Chest Pain Patients
	Tom Rich	Variability In Emergency Department Care For Severe Sepsis: How Do We Measure Up?

11:35 – 12:35		Lunch - Moderated Poster Session HRIC Atrium
12:35 – 13:35		Panel - Free Open Access Meducation (FOAMed) And Research In The Media
13:35 – 14:25 Education	Patricia Lee	Handover Education In Canadian Emergency Medicine Pediatric Emergency Medicine Residencies: A National Survey And Needs Assessment
	Ian Walker	Acceptability And Feasibility Of Multiple Mini Interviews For Emergency Medicine Resident Selection
	Anthony Seto	Intro To Code Blue: Combining Resident-As-Teachers With Acute Care Simulation Training For Medical Students
	Angela Jones	Visual Assessment Of CPR Quality During Paediatric Cardiac Arrest: Does Point Of View Matter?
	Jacqueline Williamson	How Does The Implementation Of An Online Teamwork Teaching Module Modify Teamwork Amongst Shock Trauma Air Rescue Society (STARS) Air Medical Crew In Simulations?
14:25 – 14:45		Refreshment Break
14:45 – 15:55 Local	Vanessa Potok	Update: Thrombolysis In Acute Stroke (A Systemic Review Snapshot)
	Lindsay Rollick	The Effect Of Alberta's New Impaired Driving Legislation On Motor Vehicle Related Trauma
	Stephanie Vandenberg	Single Use Laundry Detergent Sacs: An Emerging Threat. Canadian Hospitals Injury Reporting And Prevention Program
	Kathryn Crowder	The Relationship Between Troponin Elevation In Acute Ischemic Stroke And Cardiac Outcomes: A Scoping Review
	Natasha Wright	How Is Cardiopulmonary Resuscitation Quality Being Assessed? A National Survey Of Emergency Medicine And Critical Care Physicians
	Paul McKenna	Cricothyotomy By Flight Paramedics And Nurses: Bougie-Assisted Vs. Percutaneous Seldinger Technique In A Porcine Trachea Model

Posters

11:35 – 12:35 HRIC Atrium	1	Eddy Lang	Measuring The Safety Net Function Of An Emergency Department: A Descriptive Analysis of Social Worker Support To A Large Multicenter Urban ED
	2	Kendra Houston / Eric Campbell	A Multicenter Comparison Of Three Medication Screening Tools To Identify ED Patients At High Risk Of Adverse Drug Events
	3	Kasia Lenz	Slow Or Swift, Your Patients' Experience Won't Drift: Absence Of Correlation Between MD Productivity And The Patient Experience
	4	Joseph Bacani	Detection Of 21 Opioids By LC-MS/MS From Dried Urine Spots
	5	Adrian Millman	Superficial Abscesses – New Evidence For Managing An Old Disease
	6	Dayna Brieman	Burnout In Emergency Medicine
	7	Matthew Petzold	Five Things To Know About Sudden Cardiac Death In Young Athletes
	8	Lindsay McCormick	ED Patients And Their Complaints Of Mass Destruction
	9	Zubair Bayat	Did Choosing Wisely Choose Wisely For Quebec?

Acknowledgements

The Planning Committee gratefully acknowledges receipt of unrestricted educational grants from the following companies in support of this event:



**Holy Cross
Emergency
Services**

**Rocky
Mountain
Emergency
Services**



Emergency Medicine Research Day 2015

Planning Committee

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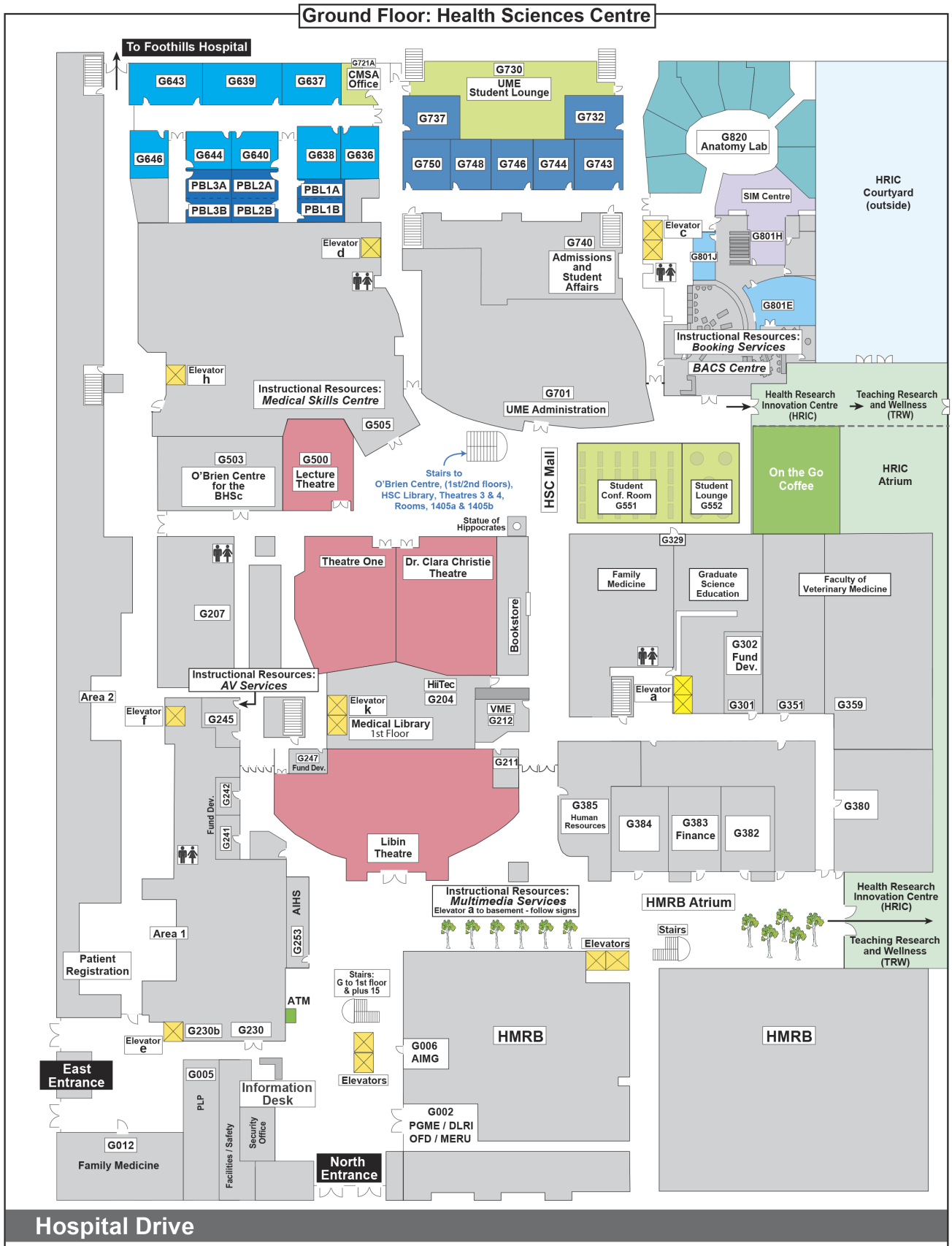
FREE COFFEE

first wednesday of the month

join us for all the latest news on emergency medicine research. FMC ED STAFF LOUNGE

BROUGHT TO YOU BY THE EMERGENCY
MEDICINE RESEARCH TEAM

Ground Floor



Notes

