



UNIVERSITY OF BRITISH COLUMBIA
Department of Emergency Medicine

**1ST ANNUAL
RESEARCH DAY**

2009

Visiting Professor

Dr. Brian Rowe



The Department of Emergency Medicine is pleased to welcome Dr. Brian Rowe, Professor and Research Director, Department of Emergency Medicine, University of Alberta, and Canada Research Chair in Emergency Airway Diseases as the plenary speaker for our first annual Research Day.

**Eye Care Centre Auditorium
2550 Willow Street, Vancouver**

Wednesday, April 29, 2009

MORNING PRESENTATIONS

0830: **WELCOME –**
Drs. Riyad Abu-Laban & Rob Stenstrom
Co-Research Directors
UBC Department of Emergency Medicine

STATE OF THE ART

0835: **Dr. Frank Scheuermeyer, St. Paul's Hosp.**
"A structured, computer-order algorithm for Emergency Department chest pain patients reduces missed diagnoses of acute coronary syndrome and decreases admission rate."

0850: **Dr. Nick Rose, FRCPC Resident, UBC**
"A prospective study of ultrasound guided hematoma blocks in distal radius fractures."

0905: **Dr. Devin Harris, St. Paul's Hosp.**
"An evaluation of acute cerebrovascular care in British Columbia."

PEDIATRICS

09:20 **Dr. Gary Andolfatto, Lion's Gate Hosp.**
"A prospective case series of 256 pediatric PSA events."

09:35 **Dr. Rini Jain, BC Children's Hosp.**
"Taping versus splinting versus above elbow casting for Type I supracondylar fractures of the humerus in children: A randomized controlled trial."

09:50 **Dr. Ian Martin, CCFP-EM Resident, UBC**
"Violence among street-involved youth: The role of methamphetamine."

10:05 **REFRESHMENT BREAK**

PATIENT SAFETY

10:20 **Dr. Garth Hunte, St. Paul's Hosp.**
"Communication patterns in a Canadian emergency department."

10:35 **Dr. Riyad Abu-Laban, (Presenting for Dr. C. Hohl), Vancouver Gen. Hosp.**
"Do emergency physicians attribute adverse drug-related ED visits to medication-related problems?"

10:50 **Dr. Sam Gutman, Lion's Gate Hosp.**
"Mass Gathering Medicine Interest Group- Working to define evidence based determinants to be used in the planning and execution of medical plans and procedures for mass gatherings locally and internationally."

11:05 **Dr. Iraj Poureslami, St. Paul's Hosp.**
"Health literacy within the reality of newcomers' cultural and language issues: Institutional and individual challenges, priorities, and needs."

QUALITY IMPROVEMENT

11:20 **Dr. Erin Fukushima, FRCPC Resident, UBC**
"Prevalence of advance directives among elderly patients attending an urban Emergency Department."

11:35 **Dr. Eric Grafstein, St. Paul's Hosp.**
"Epidemiology, risk factors, and outcomes for patients who present to the emergency department with mental health concerns: An 8-year review."

11:50 **Dr. Lawrence Cheng, St. Paul's Hosp.**
"Predictors of prolonged length of emergency department stay for CTAS level 4 and 5 patients."

12:05 **LUNCH BREAK**

PLEASE TURN OVER →

AFTERNOON PRESENTATIONS

- 13:00 **PLENARY PRESENTATION**
Dr. Brian Rowe
“Acute asthma: From clinical trials to practice guidelines.”

INFORMATICS & KNOWLEDGE TRANSLATION

- 14:00 **Dr. Kendall Ho, Vancouver Gen. Hosp.**
“Decision support at point of care: PDA delivery of BC Clinical Practice Guidelines and implications for Emergency Medicine.”
- 14:15 **Dr. Julian Marsden, St. Paul’s Hosp.**
“Evidence to excellence: Translating knowledge into practice through a provincial emergency medicine community of practice.”

14:30 REFRESHMENT BREAK

RESUSCITATION

- 14:45 **Dr. Ka Wai Cheung, Vancouver Gen. Hosp.**
“Minimal illumination criteria for direct laryngoscopy in simulated prehospital settings.”
- 15:00 **Dr. Jamie Fox, FRCPC Resident, UBC**
“Prophylactic hypothermia for severe traumatic brain injury: A quantitative systematic review.”
- 15:15 **Dr. Rob Stenstrom, St. Paul’s Hosp.**
“An emergency department sepsis protocol associated with sustained mortality benefit at two year follow-up.”
- 15:30 **Dr. Riyad Abu-Laban (Presenting for Dr. Jim Christenson, St. Paul’s Hosp.)**
“Chest compression fraction determines survival in patients with out of hospital ventricular fibrillation”

INJURY PREVENTION

- 15:45 **Dr. Doug Brown, FRCPC Resident, UBC**
“Proportion of injured drivers presenting to a tertiary care emergency department who engage in future impaired driving activities.”
- 16:00 **Dr. Roy Pursell, Vancouver Gen. Hosp.**
“Impaired driving interventions: Don’t forget the passengers.”
- 16:15 **Dr. Jeff Brubacher, Vancouver Gen. Hosp.**
“Driving under the influence of drugs: A pilot study.”

16:30 DRAW FOR TEXTBOOK: “EVIDENCE BASED EMERGENCY MEDICINE”

1830: DINNER

JERICO TENNIS CLUB

3837 Point Grey Road
Vancouver, B.C.

6:30 Cocktails
7:30 Dinner

(Dinner at Jericho Tennis Club by **pre-registration only**. Contact emergsec@providencehealth.bc.ca for availability).

VISITING PROFESSOR:

DR. BRIAN ROWE

Dr. Rowe is a member of the Department of Emergency Medicine at the University of Alberta and an Emergency Physician at the University of Alberta Hospital, both in Edmonton, Alberta. He obtained his MD from the University of Ottawa in 1984, and completed CCFP-EM training in Emergency Medicine at the University of Ottawa in 1987. Dr. Rowe’s research training is in Clinical Epidemiology from McMaster University in Hamilton, Ontario, and his interests include systematic reviews, clinical trials, airway diseases (asthma, COPD, community acquired pneumonia), and injury prevention. He has been the Research Director of the Department of Emergency Medicine since his arrival in Edmonton from the University of Ottawa in 1997 and was appointed Professor in 2003. In April of 2001, Dr. Rowe was awarded a Canada Research Chair in Emergency Airway Diseases, a 5-year salary award which was renewed in 2006. Dr. Rowe contributes to the Airways Review Group of the Cochrane Collaboration as a Co-editor, author and reviewer. Dr. Rowe is also the Chair of the CAEP Research Consortium, a network of Emergency Physicians with an interest in multi-centered research collaboration. He was on the Editorial Board of the Annals of Emergency Medicine from 1997-2007 and contributed to the Evidence-Based Medicine section of the journal. He is the recipient of numerous teaching and community service awards. He is cross-appointed in the School of Public Health at the University of Alberta. Dr. Rowe is a Senior Associate Editor of the Canadian Journal of Emergency Medicine and is the Editor of a new textbook entitled “Evidence Based Emergency Medicine”. With his free time, he enjoys coaching and playing soccer.