



the 8<sup>th</sup> annual  
**Emergency Medicine  
Research Day**

**Wednesday, April 6, 2016**

9:00am - 4:00pm

CFRI Chan Centre, BC Children's Hospital  
938 West 28th Avenue, Vancouver, BC

Provincially Video-Linked

Web Broadcast: <http://webex.med.ubc.ca/webex1>

## WELCOME

- 9:00 Welcome**  
**Dr. Riyadh B. Abu-Laban**  
Research Director, UBC Department of EM  
**Dr. Ran Goldman**  
Research Director, UBC Division of Pediatric EM
- 9:05 Opening Comments**  
**Dr. Jim Christenson**  
Head, UBC Department of EM  
**Dr. Garth Meckler**  
Head, UBC Division of Pediatric EM

## INJURY PREVENTION

- 9:10 Dr. Jeff Brubacher**  
Vancouver General Hospital  
*Police Recognition of Drug Use in Injured Drivers*
- 9:20 Dr. John Taylor**  
UBC RCPS-EM Residency Program  
*Influenza & Pneumococcal Vaccinations in the ED*
- 9:30 Dr. Ka Wai Cheung**  
Vancouver General Hospital  
*A Randomized Controlled Trial of ED Smoking Cessation Counselling & Program Referral*

## CARDIAC ARREST

- 9:40 Dr. Brian Grunau**  
St. Paul's Hospital  
*Time-to-ROSC in ECPR candidates: When is the optimal time to transport to hospital?*
- 9:50 Dr. David Barbic**  
St. Paul's Hospital  
*Bystander CPR and Survival in Different Vancouver Neighbourhoods & Surrounding Locations*

## PROGRAM PRESENTATION

- 10:00 Dr. Quynh Doan**  
BC Children's Hospital  
*HEARTS-AMP & LINK:  
Improving ED Youth Mental Health Care*



**10:15 - 11:00 REFRESHMENT BREAK**

## ED OPERATIONS

- 11:00 Ms. May Chan**  
UBC Digital Emergency Medicine  
*Improving Patient Experience During the ED Journey: Is There an App for That?*
- 11:10 Dr. Garth Hunte**  
St. Paul's Hospital  
*Engineering Resilience in an Urban ED*

## ANALGESIA & SEDATION

- 11:20 Dr. Joanne Rowell-Wong**  
Burnaby Hospital  
*ED Patient Satisfaction with Acute Pain Management*
- 11:30 Dr. Gary Andolfatto**  
Lion's Gate Hospital  
*Characteristics of & Predictors for Apnea During Procedural Sedation & Analgesia*

## EM TRAINING

- 11:40 Dr. Kate Fathi**  
UBC Pediatric EM Fellowship Program  
*Canadian Pediatric Trauma Systems & Trauma Team Leader Maintenance of Competency*
- 11:50 Dr. Julian Marsden**  
St. Paul's Hospital  
*BC Emergency Practitioner Workforce & Training Survey*



**12:00 - 13:00 LUNCH BREAK**



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

## VISITING PROFESSOR PLENARY PRESENTATION

- 13:00 Dr. Martin Pusic**  
Assistant Professor, Department of Emergency  
Medicine, NYU School of Medicine  
*Blurring the Line Between Education and Research:  
The Science of Big Data in Emergency Medicine*

## EMS

- 14:00 Mr. Andrew Guy**  
UBC Doctor of Medicine Program (MSI)  
*A Pre-Hospital Ultrasound Curriculum for BCAS  
Critical Care Paramedics*
- 14:10 Dr. Philip Yoon**  
Medical Director EPOS, BCEHS  
**Dr. Devin Harris**  
Kelowna General Hospital  
*EMS Physician Online Support:  
Unique Opportunities for Pre-Hospital Research*

## PROGRAM PRESENTATION

- 14:20 Dr. Kendall Ho**  
Vancouver General Hospital  
*TEC4Home: A Multicentre Program for Electronic Home  
Health Monitoring of Patients Discharged From the ED*



14:35 - 15:10 REFRESHMENT BREAK

## TOXICOLOGY

- 15:10 Dr. Andrew Kestler**  
St. Paul's Hospital  
*Factors Associated with Take-Home Naloxone  
Acceptance in a Canadian ED*
- 15:20 Dr. Roy Purssell**  
Medical Lead, BC Drug & Poison Information Centre  
*Genetic Determinants of Cocaine-Associated  
Agranulocytosis*

## STATE OF THE ART

- 15:30 Dr. Takahisa Kawano**  
Clinical Research Fellow, St. Paul's Hospital  
*Antihistamine Administration & Incidence of  
Subsequent Anaphylaxis Among ED Patients*
- 15:40 Dr. Heather Lindsay**  
Vancouver General Hospital  
*To Pee or Not To Pee: Impact of a Daily Microbiology  
Report on ED Urine Culture Testing*
- 15:50 Dr. Eric Grafstein**  
Regional EM Head, VCH-PHC  
*Utility of an Inpatient Diagnosis-Derived Comorbidity  
Index to Create an ED Workload Model*

## End of Presentations

**16:00 - 18:00 Cocktail reception to follow in the atrium**

Lunch and cash bar reception are offered free of charge, but  
require pre-registration.

Please contact [carolyn.mackinnon@ubc.ca](mailto:carolyn.mackinnon@ubc.ca) for details.



Visiting Professor  
Dr. Martin Pusic

## Martin Pusic, MD, PhD

The UBC Department of Emergency Medicine and  
Division of Pediatric Emergency Medicine extend a  
warm welcome and thanks to our visiting professor  
for 2016 EM Research Day, Dr. Martin Pusic.

Dr. Pusic is the Director of the Division of Education  
Quality and Analytics for the Institute for Innovations  
in Medical Education and an Assistant Professor in  
the Department of Emergency Medicine at the NYU  
School of Medicine. He obtained his medical degree  
from the University of British Columbia, a fellowship in  
pediatric emergency medicine at McGill, and his  
PhD in Education from Teachers College of Columbia  
University.

Dr. Pusic's core areas of expertise include educa-  
tional informatics, student and resident assessment,  
meta-cognition, and statistical modelling of learning  
curves. He is particularly interested in the interface  
between education and clinical decision support. He  
has developed focused computer tutorials that can  
be delivered immediately after a trainees' interaction  
with a patient in an Emergency Department.

He is also interested in the development of online  
learning tools for clinical decision-making to be  
used by trainees across clinical programs. Examples  
include an online database for systematically  
learning the visual diagnosis of radiographs, ECGs  
and clinical photos.