



the 11th annual
**Emergency Medicine
 Research Day**

Wednesday, April 10, 2019

9:00am - 4:00pm

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

WELCOME

- 9:00 Welcome**
Dr. Quynh Doan
 Research Director, UBC Division of Pediatric
 Emergency Medicine
Dr. Frank Scheuermeyer
 Associate Research Director, UBC Department
 of Emergency Medicine
- 9:05 Opening Comments**
Dr. Garth Meckler
 Head, UBC Division of Pediatric
 Emergency Medicine
Dr. Jim Christenson
 Head, UBC Department of Emergency Medicine

SUBSTANCE USE & ADDICTIONS I

- Program Presentation**
- 9:10 Dr. Jessica Moe**
 Vancouver General Hospital
*Improving Care for ED Patients with Substance Use
 and Addictions*
- 9:25 Dr. Andrew Kestler**
 St. Paul's Hospital
*Implementation of Emergency Department Opioid
 Agonist Therapy*
- 9:35 Ms. Amber Cragg**
 Research Coordinator, ActionADE
*Systematic Review of Risk Factors for Misuse of
 Prescribed Opioids*

PEDIATRIC MENTAL HEALTH

- Program Presentation**
- 9:45 Dr. Quynh Doan**
 BC Children's Hospital
*HEARTSMAP: Improving Child and Youth Mental
 Health Assessment and Health Service Utilization*
- 10:00 Dr. Benetta Chin**
 BC Children's Hospital
*An ED Protocol for Pediatric Mental Health
 Emergencies*

BC EM NETWORK

Program Presentation

- 10:10 Dr. Jim Christenson**
 BC Emergency Medicine Network
*The BC Emergency Medicine Network:
 Implementation Results & Evolution*

10:25 - 11:00 REFRESHMENT BREAK



CARDIAC ARREST

- 11:00 Dr. Riley Golby**
 UBC RCPS-EM Residency Program
*Does Time-to-Airway Impact Survival in Cardiac
 Arrest?*
- 11:10 Dr. Andrew Guy**
 UBC RCPS-EM Residency Program
*Association between No-flow Interval and
 Neurological Outcomes in Cardiac Arrest*

DIGITAL MEDICINE

- 11:20 Dr. Kendall Ho**
 Vancouver General Hospital
*TEC4Home COPD: Home Health Monitoring to
 Improve Outcomes*
- 11:30 Ms. Azzra Mangalji**
 UBC Digital Emergency Medicine
*ED Patients' Pain Points: Can an ED App
 Address Them?*



a place of mind

THE UNIVERSITY OF BRITISH COLUMBIA

PHARMACOLOGY / ANALGESIA

- 11:40 Dr. Kelsey Innes**
Lions Gate Hospital
Prehospital Analgesia with Intra Nasal Ketamine (PAIN-K): A Randomized Trial
- 11:50 Ms. Sophie Kitchen**
Center for Clinical Epidemiology and Evaluation
Measuring the Effect of Pharmacist-led Medication Review on Health Outcomes
- 12:00 Dr. Jen Chao**
UBC RCPS-EM Residency Program
A Pilot Study of Low Dose Intravenous Ketorolac in Renal Colic

12:10 - 13:00 LUNCH BREAK



PLENARY PRESENTATION

- 13:00 Dr. Kathy Boutis**
Senior Associate Scientist, Child Health Evaluative Sciences Program, SickKids Research Institute; Associate Professor, University of Toronto
Three Evidence-Based Ways to Make the Diagnosis and Management of Common Pediatric Fractures Easy...For the Patient, Doctor, and Health Care System

INFORMATICS / ED FLOW

- 14:00 Dr. Eric Grafstein**
St. Paul's Hospital
Maximizing ED Performance During Implementation of an Electronic Information System
- 14:10 Ms. Jillian Gilroy**
UBC Doctor of Medicine Program (MSI)
Effect of Physician Staffing Models on ED Efficiency

14:20 - 14:40 REFRESHMENT BREAK



PEDIATRIC ED CARE

- 14:40 Dr. Kate Maki**
UBC PEM Fellowship Program
Adherence to National ED Bronchiolitis Guidelines
- 14:50 Ms. Katie Zhu**
UBC Doctor of Medicine Program (MSI)
Reliability of Clinician Judgment in Assessing Pediatric ED Return Visits

SUBSTANCE USE & ADDICTIONS II

- 15:00 Mr. Andy Jiang**
UBC Doctor of Medicine Program (MSI)
One-year Mortality of Patients Treated in the ED for Opioid Overdose
- 15:10 Mr. Ben Ng**
UBC Doctor of Medicine Program (MSI)
Non-Cardiogenic Pulmonary Edema in Ultrapotent Opioid Overdoses
- 15:20 Dr. Adrianna Rowe**
UBC RCPS-EM Residency Program
Are Ventilations and Naloxone Sufficient for Opioid Overdose?
- 15:30 Dr. David Barbic**
St. Paul's Hospital
Willingness of the Public to Intervene in Cardiac Arrest and Opioid Overdose



**Visiting Professor
Dr. Kathy Boutis**

KATHY BOUTIS, B.Sc, M.Sc, MD, FRCPC

Dr. Boutis is a staff physician in the emergency department and Vice-Chair of the Research Ethics Board at the Hospital for Sick Children (SickKids). She is a Senior Associate Scientist in the Child Health Evaluative Sciences Program at SickKids Research Institute, and an Associate Professor at the University of Toronto. Dr. Boutis has become an internationally recognized thought leader in pediatric emergency medicine whose research on musculoskeletal injuries has challenged dogma and is transforming practice. She also links her core research area to other key areas in emergency medicine - child abuse, radiation exposure, and medical images. She has over 90 publications and has acquired about \$10 million dollars in grant funds.

Her work has also been recognized in research awards, most notably the University of Toronto Physician Researcher Award for Scientific Accomplishments. She is also the academic director of ImageSim, an innovative education and research platform that uses deliberate practice and simulation to teach health care providers how to interpret medical images. Importantly, Dr. Boutis' accomplishments do not stop with the publication and much of her research has found its place in clinical and educational practice.

We are extremely pleased to welcome Dr. Boutis to Vancouver as our 11th Visiting Professor for UBC EM Research Day.