



# PROGRAM — MORNING

**7:45 LIGHT BREAKFAST**  
Joe Doupe Atrium—Basic Medical Sciences

**8:00 DR JAMES DRAKE, UNIVERSITY OF TORONTO**

*The Centre of Image Guided Innovation and Therapeutic Intervention (CIGITI) - Engineering Surgical Technology & Training*

Introduction—Dr Demitre Serletis (Co-Chair, Research Day 2017/8 Planning Committee)

**9:15 OPENING REMARKS - Dr Biniam Kidane (Co-Chair, Research Day 2018 Planning Committee)**

## PLENARY SESSION

Moderator: Dr Ramzi Helewa (General Surgery)

Time	Abstract Title	Presenter
9:20	Effect of earlier extubation on post-operative delirium after coronary artery bypass grafting: A retrospective cohort study	Ricky Muller Moran* Cardiac Surgery
9:32	Profiling circular RNAs in normal and nitrofen-induced hypoplastic lung development due to congenital diaphragmatic hernia (CDH)	Shana Kahnamoui* Pediatric Surgery
9:44	Does hospital volume impact the risk of local recurrence of rectal cancer? A retrospective cohort study	Megan Delisle* General Surgery
9:56	Predictors of mortality in patients with necrotizing fasciitis: A literature review and multivariate analysis	Lindsey Kjaldgaard* Plastic Surgery
10:08	Patient-specific alterations in CO <sub>2</sub> cerebrovascular responsiveness in sub-acute sports-related concussion	Michael Ellis Neurosurgery
10:20	Is there oncologic benefit to wider margins in cutaneous melanoma of the head and neck?	Benjamin Turner* Head & Neck Oncology
10:32	Increasing body mass index and hours of sleep lost are associated with a reduction in testosterone levels in US adults males: Results from the National Health & Nutrition Survey	Premal Patel* Urology
10:44	Arthroscopic bankart repair with and without arthroscopic infraspinatus remplissage in anterior shoulder instability with Hill-Sachs defect: Randomized controlled study	Peter MacDonald Orthopedic Surgery
11:00	<b>COFFEE BREAK</b>	

## BRIEF SESSION

Moderator: Dr Perry Dhaliwal (Neurosurgery)

Time	Abstract Title	Presenter
11:15	The use of viscoelastic hemostatic testing in cardiac surgery patients: A systematic review and meta-analysis	Carly Lodewyks* Cardiac Surgery
11:20	Program director consensus on the status of flexible endoscopy training in general surgery residency programs in Canada	Courtney Chernos* General Surgery
11:25	Transcranial focused ultrasound neuromodulation in a rodent model	Anton Fomenko* Neurosurgery
11:30	Maternal substance use and mortality rates in children with gastroschisis	Matthew Levesque* Pediatric Surgery
11:35	Metabolic needs of patients with necrotizing fasciitis: A case series	Chris Nguyen* Plastic Surgery
11:40	Active surveillance for low and intermediate risk prostate cancer: An analysis of pathologic outcomes among patients treated with radical prostatectomy	Justin Oake* Urology
11:45	High-frequency vs. conventional mechanical ventilation at the time of CDH repair is associated with, but does not contribute to, higher mortality and BPD rates: A case-control study	Gabrielle Derraugh* Pediatric Surgery
11:50	Early in vivo wear measurement of 98 total knee replacement patients using radiostereometric analysis	Thomas Turgeon Orthopedic Surgery

## PROGRAM — AFTERNOON

### 12:00 LUNCH BUFFET

Joe Doupe Atrium—Basic Medical Sciences

### 1:30 DR KAZUHIRO YASUFUKU, UNIVERSITY OF TORONTO

*Innovation in Thoracic Interventions for Lung Cancer—Translation from Bench to Bedside*

Introduction—Dr Biniam Kidane (Research Day 2018 Planning Committee)

### PLENARY SESSION

Moderator: Dr Mohammad Zarrabian (Orthopedic Surgery)

Time	Abstract Title	Presenter
2:15	Advancement in the quality of operative documentation: A systematic review and meta-analysis of synoptic versus narrative operative reporting	Shannon Stogryn* General Surgery
2:27	The relationship between injury to surgery time and the incidence of secondary joint injury in an ACL injured population: A randomized control trial	Gabriel Larose* Orthopedic Surgery
2:39	Development of risk calculator to predict non-institutionalized survival in patients with prolonged length of stay after cardiac surgery	Rizwan Manji Cardiac Surgery
2:51	Natural talent: Myth or reality? The ability to learn laparoscopic surgery	Giuseppe Retrosi Pediatric Surgery

### 3:05 COFFEE BREAK

### BRIEF SESSION

Moderator: Dr Michael Yamashita (Cardiac Surgery)

Time	Abstract Title	Presenter
3:20	A systematic review and meta-analysis of the impact of preoperative sleep disturbance on post cardiac surgery outcomes	Aaron Martin* Cardiac Surgery
3:25	Repair of complete distal biceps tendon rupture with the endo-button technique: A retrospective study	Tiffany Huynh* Orthopedic Surgery
3:30	Epithelial cell marker cadherin-26 expression is lower in nitrofen-induced abnormal lung development in congenital diaphragmatic hernia	Lojine Ayoub* Pediatric Surgery
3:35	Long-term outcome of geriatric patients managed non-operatively for choledocolithiasis	Kaitlin Edwards* General Surgery
3:40	A retrospective study of SRS for ARUBA eligible BAVMs at a single centre	Lucas Vasas* Neurosurgery
3:45	Identifying barriers for successful discharge following cardiac surgery	Mackenzie King* Cardiac Surgery
3:50	Factors associated with an increased risk of developing a post-operative infection following spine surgery	Mark Xu* Orthopedic Surgery
3:55	The role of endothelin-receptor A in the development of pulmonary hypertension of the miR-200b knockout mouse	Chelsea Day* Pediatric Surgery

### 4:00 CLOSING REMARKS - Dr Demitre Serletis (Co-Chair, Research Day 2018 Planning Committee)

### **SURGERY RESEARCH DAY AWARDS DINNER**

Qualico Family Centre | 55 Pavilion Crescent | Assiniboine Park Conservancy

Cocktails—6:30PM (cash bar)

\* Speaker eligible for a presentation award

## E-PROGRAM NAVIGATION

An electronic version of the Surgery Research Day 2018 Program is available through our website: [http://umanitoba.ca/faculties/health\\_sciences/medicine/units/surgery/research\\_day.html](http://umanitoba.ca/faculties/health_sciences/medicine/units/surgery/research_day.html)

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## *Annual Surgery Research Day 2018*

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