**PRESENTATION AWARDS:**

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<th>First Prize</th>
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<td>Oral Presentations</td>
<td>Basic Science Papers</td>
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**Panel of Judges:**

**Oral Presentations**

- Dr. Ellis Arjmand
  - Professor
  - Pediatric Otolaryngology
  - Texas Children’s Hospital

- Dr. Hamdy El-Hakim
  - Associate Professor
  - Division of Pediatric Surgery
  - University of Alberta

- Dr. Babita Agrawal
  - Professor
  - Division of Surgical Research
  - University of Alberta

**Basic Science Poster Presentations**

- Dr. Rachel Khadaroo
  - Associate Professor
  - Division of General Surgery
  - University of Alberta

- Dr. Adetola Adesida
  - Associate Professor
  - Division of Orthopedic Surgery
  - University of Alberta

**Clinical Science Poster Presentations**

- Dr. Dan Schiller
  - Associate Professor
  - Division of General Surgery
  - University of Alberta

- Dr. Peter Metcalfe
  - Associate Professor
  - Division of Pediatric Surgery
  - University of Alberta

Each session allows department members to understand research on specific topics within their specialty and to become aware of the progress on an annual basis of other research within the department. Presenters are able to get feedback on their progress from their peers as well.

1:24 "Management of persistent epistaxis using floseal hemostatic matrix vs. Traditional nasal packing: a prospective randomized control trial" [C]

- Scott Murray (Otolaryngology – HNS)

1:36 "Electrical Stimulation as a Conditioning Lesion for Promoting Peripheral Nerve Regeneration" [B]

- Jenna-Lynn Sengar (Plastic Surgery, MSc Candidate)

1:48 "Linx® magnetic esophageal sphincter augmentation versus nissen fundoplication for gastroesophageal reflux disease: a systematic review and meta-analysis" [C]

- Daniel Skubleny (General Surgery)

2:00 "Efficacy of EZH2 Inhibitors in Human Papillomavirus Positive and Negative Oropharyngeal Squamous Cell Carcinomas" [B]

- Cameron Lindsay (Surgical Research, MSc Candidate)

2:12 to 2:30 – Coffee

**Chair:** Dr. Ioana Bratu

- 2:30 "Conversion from Twice Daily to Once Daily Tacrolimus Improves Adherence in Kidney Transplant Recipients [C]"
  - Max Levine (Urology)

- 2:42 "Endospore-forming bacteria are associated with maintenance of remission following intestinal resection in Crohn’s disease [B]"
  - Michael Laffin (General Surgery, PhD Candidate)

- 2:54 "Cancer control outcomes in active surveillance candidates who undergo immediate radical prostatectomy for low risk prostate cancer [C]"
  - Ryan McLarty (Urology)

- 3:06 "Examining the utility of the novel metalloporphyrin, bmx-001, in a murine marginal islet transplant model [B]"
  - Antonio Bruni (Surgical Research, PhD Candidate)

- 3:18 "Long-term survival outcomes and causes of mortality in advanced stage oropharyngeal squamous cell carcinoma [C]"
  - Jessica Clark (Otolaryngology – HNS)

- 3:30 "Cinaciguat confers a survival advantage in sepsis in young and aged mice [B]"
  - Kimberly Macala (Surgical Research, PhD Candidate)

- 3:42 Closing remarks and program adjourned

[|B| Denotes Basic Science | |C| Denotes Clinical Science|

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**Tom Williams Surgical Research Day**

**Host Division:** Pediatric Surgery

**Friday, May 12, 2017**

Edmonton Clinic Health Academy

ECHA L1-490

8:30 am – 4:00 pm

**Grand Rounds**

Quality in Health Care: What Are We Talking About?

**Guest Speaker:** Ellis Arjmand MD, MMM, PhD

**Department of Surgery**

University of Alberta

This Event meets the accreditation criteria as defined by the Maintenance of Certification (MOC) Program of the Royal College of Physicians and Surgeons of Canada and has been approved by CPD, Faculty of Medicine, University of Toronto, and L3, Faculty of Medicine & Dentistry, University of Alberta for up to a maximum of 6 hours of Section 1 MOC Credits
**Oral Presentations, Morning Session**

**Chair: Dr. David Williams**

All presentations will be 8 minutes in length. Question and answer session following each presentation will be 4 minutes in length.

- **8:45** “Centralization of radical cystectomy for bladder cancer in a universal healthcare system: early results from a Canadian academic center” [C]  
  Jan Rudzinski (Urology)

- **8:57** “Negative Pressure Ventilation (NPV): A New Frontier for Ex Vivo Lung Perfusion?” [B]  
  Nader Aboelnazar (Surgical Research, MSc Candidate)

- **9:09** “A 30-second sit-to-stand to objectively identify frail elders following acute abdominal surgery” [C]  
  Mahmoud Alghamdi (Surgical Research, MSc Candidate)

- **9:21** “Aggregation of Human Pancreatic Islet Cells In The Formation Of Bioengineered Pseudoislets” [B]  
  Bassem Salama (Surgical Research, PhD Candidate)

**11:00 - 11:50 Lunch**

**Poster Presentations**

All presentations will be 4 minutes in length. Question and answer session following each presentation will be 4 minutes in length.

- **11:50** “Examining revisional surgery rates in breast cancer patients in Alberta who have undergone breast conserving surgery” [C]  
  Tom Graves (Plastic Surgery)

**12:00 - 12:46 Afternoon Session**

**Chair: Dr. David Bigam**

- **10:15** “The effect of drug induced sleep endoscopy on surgical decision making in otherwise surgically naïve healthy children with snoring/sleep disordered breathing” [C]  
  Malak Gazzaz (Otolaryngology – HNS)

- **10:27** “Brief electrical stimulation and synkinesis after facial nerve injury: a randomized prospective animal study” [B]  
  Adrian Mendez (Surgical Research, PhD Candidate)

  Erica Lester (General Surgery)

- **10:51** “Comparison of cardiogenic potential of induced Pluripotent Stem Cells (iPSCs) generated from murine various tissues: the role of epigenetic memory in reprogramming” [B]  
  Xiao Qi (Surgical Research, PhD Candidate)

- **11:03** “Evaluating the role for renal biopsy in the small renal mass – a single centre study” [C]  
  Dylan Hoare (Urology)

- **11:15** “Enhancing subcutaneous islet graft viability and function using fibrin scaffolds” [B]  
  Sabin Bozso (Surgical Research, MSc Candidate)

- **11:27** “Optimization of five additive agents to mitigate chondrocyte toxicity during exposure to cryoprotectants” [B]  
  Muhammad Saleem (Surgical Research, PhD Candidate)

- **11:39** “Articular Cartilage Repair with Mesenchymal Stromal Stem Cells Following Chondrologic Priming in Normoxic and Hypoxic Conditions: A Preclinical Pilot Study” [B]  
  Anissa Gamble (Surgical Research, MSc Candidate)

- **11:51** “Survival Outcomes in Oral Cavity Squamous Cell Carcinoma Determined by Fluorescence Quantitative Imaging and Tissue Microarray Analysis” [B]  
  Abdulrahman Alenazi (Otolaryngology – HNS, MSc Candidate)

**12:38** “High Risk Medications in Geriatric Trauma Patients” [C]  
  Chantal Grant (General Surgery)

**12:46** “The role of PDG PET-CTs in the detection of oophorhyngal cancer recurrence” [C]  
  Priya Sivaraiah (Otolaryngology – HNS)

**12:58** “Is robust t cell depletion sufficient to prevent bone marrow rejection in donor sensitized recipients” [B]  
  Jonathan Mora (Surgical Research, MSc Candidate)

**13:00 - 13:46 Oral Presentations, Afternoon Session**

**Chair: Dr. Jayan Nagendra**

All presentations will be 8 minutes in length. Question and answer session following each presentation will be 4 minutes in length.

- **1:00** Hepatectomy transfusion requirements in Alberta: decreased blood loss in liver surgery [C]  
  Blair Anderson (General Surgery)

- **1:12** “Assessment of Preload-Recruitable Stroke Work During Ex Vivo Heart Perfusion: A Novel Approach Eliminating The Pressure-Volume Loop Catheterbom” [B]  
  Christopher White (Cardiac Surgery)