

Research Day Schedule

Plenary sessions

MORNING SESSION

**8 minute paper with 2 minute discussion*

- 0800 Dr. Gary Redekop, Head, Department of Surgery**
Chung Research Day Welcome
- 0805 Dr. Dean Percy, General Surgery**
Mental Toughness in Surgeons: How do we measure up?
- 0815 Dr. Mohsen Akbari, Neurosurgery**
A Pressure Sensor for Intracranial Pressure Monitoring for Management of Hydrocephalus
- 0825 Dr. Elaine McKeivitt, Plastic Surgery**
'Swing Rooms' – an innovative resource utilization model to improve combined care and access to immediate breast reconstruction
- 0835 Dr. Brian Westerberg, Medical Director, Branch for International Surgical Care**
Welcome to Dr. Wendy Lai
- 0845 CHUNG LECTURE 1 - Dr. Wendy Lai**
- 0945 Dr. Joseph Margolick, General Surgery**
The foundations of a bilateral academic exchange between a high and a middle income country - the UBC-HCC Polanco partnership
- 0955 Dr. Annie Lalonde, General Surgery**
The Establishment of a Trauma Registry in Gondar, Ethiopia
- 1005 Dr. Kimberly Luu, Otolaryngology**
Assessing the impact of a longitudinal collaboration on a developing residency program in low resource setting
- 1015 Dr. Nicole Jedrzejko, General Surgery**
A Systematic Review on Sustainability Criteria in Global Surgery
- 1025 Dr. Nadine Caron, General Surgery**
The Northern Biobank Initiative: Dialogue to permit dialogue...lessons learned in establishing a First Nations Biobank
- 1035 REFRESHMENT BREAK**
- 1050 Dr. William Jia, Neurosurgery**
A novel oncolytic HSV-1 vector for cancer immunotherapy
- 1100 Dr. Katrina Duncan, General Surgery**
Usability and Feasibility of a Mobile Electronic Trauma Health Platform
- 1110 Dr. Thilo Speckman, General Surgery**
NPAS4 optimizes metabolism during excitation of pancreatic β -cells by suppressing HIF1 α signalling
- 1120 Dr. Kristin DeGirolamo, General Surgery**
Process Mapping in Surgery: A Systematic Review
- 1130 Dr. Heather Denroche, General Surgery**
Interactions between IAPP and innate immunity in islet amyloid-induced diabetes
- 1140 Dr. Amir Pourghadiri, Plastic Surgery**
The Use of a Liquid Skin Substitute Improves the Healing Outcome of Full-Thickness Wounds in a Porcine Model
- 1150 Dr. Graeme Hintz, Pediatric Surgery**
Stapled versus Hand-Sewn Pediatric Intestinal Anastomoses: A Retrospective Cohort Study
- 1200 Dr. Aria Shokoohi, Radiation Oncology**
A Population-based Review of Salvage Surgery, Radioactive Iodine, External Beam Radiation and Systemic Therapy for Management of Recurrent Differentiated Thyroid Cancer
- 1210 Dr. Stahs Pripotnev, Plastic Surgery**
The Chevron Flap – A Case Series Demonstrating a Novel Flap Design and Applications

1220 SIMULTANEOUS SESSIONS & LUNCH

AFTERNOON SESSION

**8 minute paper with 2 minute discussion*

- 1320 Dr. Evie Landry, Otolaryngology**
The Use of Video Glasses in Pediatric Surgical Education
- 1330 Andrew Thamboo, Otolaryngology**
5-Year Outcomes of Salvage Endoscopic Nasopharyngectomy for Nasopharyngeal Carcinoma
- 1340 Dr. Kimberly Luu, Otolaryngology**
Virtual Surgery & Stereolithography for Complex Head & Neck Reconstruction
- 1350 Dr. Jordan Tran, Radiation Oncology**
Adolescent and Young Adult Central Nervous System Tumor Survivors: An Assessment of the Documentation of Late-Effects Risks and Screening Recommendations
- 1400 CHUNG LECTURE 2 - Dr. Michael Tymianski**
- 1500 Dr. Gary Yang, Vascular Surgery**
Utilization of spinal drain and intraoperative neurophysiologic monitoring in thoracic endovascular aortic repair
- 1510 Dr. Tyler Omeis, Plastic Surgery**
A 40-Year Review of Demographics and Clinical Outcomes of Adult Burn Patients Admitted to a Single Provincial Burn Centre
- 1520 Dr. Gautamn Sarwal, Vascular Surgery**
Technique and complications of extended iliofemoral eversion endarterectomy for severe iliofemoral arterial disease
- 1530 Dr. Javier Ospina, Otolaryngology**
Endoscopic Craniofacial Resection and Endoscopic Assisted Craniofacial Resection for locally advanced anterior skull base Tumors.
- 1540 Dr. Percy Edward, Cardiac Surgery**
Using CT Angiograms to Predict Conversion to Sternotomy or Complicated Anastomosis in Patients Undergoing Robotically-Assisted Minimally Invasive Coronary Artery Bypass

Evening Reception (RSVP required)

Program

6:00 pm - Cocktails

6:30 pm – Award Presentations

7:00 pm – Dinner

Location

The University Golf Club in the heart of the Pacific Spirit Park and the University Endowment Lands
5185 University Blvd, Vancouver, BC V6T 1X5

Simultaneous Session A – Chair Dr. Peter Kim

Paetzold Multipurpose Room, 12:20 – 1:20 pm

**2.5 minute paper with 0.5 minute discussion*

| # | Division | Submitting Author | Abstract Title |
|-----|-------------------|----------------------------|---|
| A01 | Neurosurgery | Fatehi Hassanabad, Mostafa | Patient Outcomes After Treatment of PICA Aneurysms |
| A02 | Neurosurgery | Makarenko, Serge | A Novel Scale for Describing Visual Outcomes in Patients Following Resection of Lesions Affecting the Optic Apparatus – Unified Visual Function Scale |
| A03 | General Surgery | Margolick, Joseph Frank | Systematic Review and Meta-analysis of Unplanned Reoperations, Emergency Department Visits and Hospital Readmission After Thyroidectomy |
| A04 | Neurosurgery | Charlotte Dandurand | Adult craniopharyngioma: case series, systematic review and meta-analysis |
| A05 | Otolaryngology | Gheriani, Heitham | Frontal Ostium Grade (FOG) - A NEW CT Grading system for a safe surgical approach to the frontal sinus |
| A06 | General Surgery | Hiebert, Jake Daniel | Dual-energy Computed Tomography Should Be The First Line Preoperative Localization Study For Individuals Undergoing Parathyroidectomy For Treatment of Primary Hyperparathyroidism |
| A07 | General Surgery | Oosthuizen, Jean LF | Papillary Features In Thyroid Nodules Diagnosed As Atypia of Undetermined Significance or Follicular Lesion of Undetermined Significance Increases Cancer Risk And Should Influence Treatment |
| A08 | Neurosurgery | Akbari, Mohsen | Temozolomide-loaded polymeric microparticles for treatment of glioblastoma multiforme |
| A09 | Otolaryngology | Jabalee, James Patrick | Analyzing the nuclear phenotype of histologically normal tumor-adjacent epithelium in patients with HPV-positive oropharyngeal cancer |
| A10 | Otolaryngology | Butskiy, Oleksandr | Customized computer optimization of flap design for circumferential pharyngoesophageal reconstruction: a case series. |
| A11 | General Surgery | Webb, Mitchell Allan | Open Abdomen in Liver Transplantation |
| A12 | Plastic Surgery | Mankowski, Peter James | Ensuring success after match: perceptions of attributes valued in plastic surgery residents |
| A13 | Cardiac Surgery | Hong, Jonathan | Staphylococcus aureus prevention strategies in cardiac surgery: a cost-effectiveness analysis |
| A14 | Otolaryngology | Tong, Jeffery | Incorporating patient choice and participation in the decision-making process of selecting a cochlear implant model |
| A15 | Pediatric Surgery | Tong, Jeffery | Using medical student focus groups to supplement faculty evaluative feedback during clerkship |

Simultaneous Session B – Chair Dr. Hannah Carolan

Paetzold Lecture Theatre, 12:20 – 1:20 pm

**2.5 minute paper with 0.5 minute discussion*

| # | Division | Submitting Author | Abstract Title |
|-----|-----------------|-------------------------|---|
| B01 | Otolaryngology | Pauwels, Julie Francine | Spontaneous resolution of ear lidding in newborns |
| B02 | Otolaryngology | Chadha, Neil K | Increased Injury and subsequent health care utilization in a population based sample of children with hearing loss in the United States |
| B03 | Cardiac Surgery | Cook, Richard | Complete Revascularization May Not Be Necessary In Patients Undergoing Robotically-Assisted MIDCAB |
| B04 | Neurosurgery | Ayling, Oliver G.S. | Suboccipital Decompressive Craniectomy for Cerebellar Infarction: A Systematic Review and Meta-Analysis |
| B05 | Neurosurgery | Ayling, Oliver G.S. | Anemia after aneurysmal subarachnoid hemorrhage is associated with poor long-term outcome and death |
| B06 | General Surgery | DeGirolamo, Kristin | A Day in the Life of Emergency General Surgery in Canada: A Multicentre Observational Study |
| B07 | General Surgery | Zou, Yuanjie | Autophagy and Lysosomal Function Protect Pancreatic β -Cells under Hypoxic Stress |
| B08 | Cardiac Surgery | Yang, Cathevine | Incidence of Upper Extremity Deep Venous Thrombosis Following Laser Assisted Lead Extraction of Pacemaker and Implantable Cardioverter Defibrillator Leads |
| B09 | Otolaryngology | Javer, Amin R. | A Prospective Randomized Controlled Trial Assessing Saline Nasal Irrigation Administration Methods Comparing Use of Multimedia Education Platforms and Offline Instruction Sheets |
| B10 | Otolaryngology | Newton, Ethan | The impact of surgical wait times on patient-reported outcomes in sinus surgery for chronic rhinosinusitis |
| B11 | General Surgery | Johar, Jasper | Older Differentiated Thyroid Cancer Patients Exhibit Increased Cancer Invasiveness And Nodal Metastases: A Possible Explanation For Their Worse Prognosis |
| B12 | General Surgery | Ghuman, Amandeep | Urinary Retention In Early Foley Catheter Removal After Colorectal Surgery |
| B13 | Otolaryngology | Tellez, Paula | Why patients referred for Cochlear Implant Assessment ultimately do not received a Cochlear Implant: Who said not to Whom? |
| B14 | Otolaryngology | Amenyogbe, Andrew | Noise in the operating rooms of BC Children's Hospital |
| B15 | General Surgery | Lustig, Daniel Ben | Is Microductectomy Necessary To Diagnose Breast Cancer? |

ePoster Session – NEW FOR 2017!

| # | Division | Submitting Author | Abstract Title |
|-----|--------------------|---------------------------------|---|
| C1 | Plastic Surgery | Van Slyke, Aaron Christopher | Breast implant longevity and reasons for explantation: a 13-year review |
| C2 | Pediatric Surgery | McCutcheon, Victoria | Paediatric Elbow Fractures from a Child's Viewpoint: A mixed-methods study |
| C3 | Plastic Surgery | Akbari, Mohsen | Advanced Multifunctional Hydrogel-Based Dressing for Wound Monitoring |
| C4 | Radiation Oncology | Chan, Matthew | Correlating pre-treatment white matter hyperintensity on magnetic resonance imaging and cognitive function after volumetric radiosurgery and whole brain radiotherapy |
| C5 | Plastic Surgery | Leung, Leslie | A Cross-Sectional Analysis of the Cleft Palate-Craniofacial Waitlist |
| C6 | Radiation Oncology | Murchison, Sonja Catherine | Subventricular Zone Dose and Outcome In A Large Cohort Of Glioblastoma Multiforme Treated With Surgery and Concurrent Chemoradiotherapy Between 2006-2012 |
| C7 | Otolaryngology | Amanian, Ameen | Mastoid Pressure Dressing Usage Following Cochlear Implant Surgery - Challenging the Practice Patterns Amongst Canadian Pediatric Otolaryngologists |
| C8 | Plastic Surgery | Nickel, Kevin | Tissue Expansion for Equinovarus Deformity: A 16-year Review |
| C9 | Otolaryngology | Gurberg , Joshua | Safety of Long Term Budesonide-Impregnated Topical Nasal Saline Irrigation for the Treatment of Chronic Rhinosinusitis |
| C10 | Otolaryngology | Gurberg , Joshua | The Efficacy of Treatment for Idiopathic Sudden Sensorineural Hearing Loss – The Vancouver General Hospital Experience |
| C11 | General Surgery | MacDonald, Katherine Nicole | Effect of cytokines on thymus-derived regulatory T cell expansion |
| C12 | Radiation Oncology | Chang, Kimberley Lauren | Questioning the Quality of Online Thyroid Cancer Information |
| C13 | Pediatric Surgery | Ma, Vivian H.Y. | Dressed for success? Silver impregnated nanocrystalline dressing for initial treatment of giant omphalocele |
| C14 | Plastic Surgery | Foggin, Hannah Hope | Evaluation of the viability and function of adipose-derived stem cells within a bioengineered liquid skin substitute |
| C15 | Plastic Surgery | Demsey, Daniel | Predictive Factors and Outcomes in Major Burn Patients with Renal Injury |
| C16 | Plastic Surgery | Zawadiuk, Luke | Recurrent Breast CSF Pseudocyst and Updated Literature Review |
| C17 | Otolaryngology | Raza, Syed Shuja | Selective Secretion of miR-605-5p via Extracellular Vesicles Plays a Complex Role in Oral Squamous Cell Carcinoma |
| C18 | Otolaryngology | Chen , Rachel (Hao Hang) | MicroRNA Expression Profile in Sensorineural Hearing Loss |
| C19 | Plastic Surgery | Forbes, Diana | Novel Therapy for Complex Wounds using a Dermal Gel Matrix with Adipose Derived Stem Cells |
| C20 | Otolaryngology | Wijesinghe, Printha | Are inner ear cell characteristics of porcine derived inner ear cells persistent? |
| C21 | Plastic Surgery | Roller, Janine | A review of the characteristics of validated QOL PROMS in pediatric plastic surgery |
| C22 | Plastic Surgery | Alnojeidi, Hatem Humod | Hematopoietic Cell-derived Multipotent Stem Cells Are Major Contributors to Dermal Wound Healing |
| C23 | Otolaryngology | Butskiy, Oleksandr | Retrograde medial dissection of the recurrent laryngeal nerve in thyroid surgery: technique presentation and a review of 342 consecutive surgeries. |
| C24 | Otolaryngology | Butskiy, Oleksandr | Gastric pull up as a primary reconstructive option for circumferential pharyngoesophageal junction defects: morbidity, mortality, and functional outcomes in a cohort of 48 patients. |
| C25 | Otolaryngology | Butskiy, Oleksandr | Nasal septum squamous cell carcinoma: the first classification system and a case series |
| C26 | Otolaryngology | Javer, Amin R. | Effect of Endoscopic Sinus Surgery on Clinical Outcomes in Cystic Fibrosis |
| C27 | Otolaryngology | Javer, Amin R. | Comparison of Ambulatory Surgical Centers to Hospital Based Facilities in Outcomes of Endoscopic Sinus Surgery |
| C28 | Pediatric Surgery | Ng, Michelle | Hand Hygiene Education Campaign at Soroti Regional Referral Hospital, Uganda |
| C29 | Vascular Surgery | Arsenault, Kyle Adam | Venous arterialization for non-reconstructible lower extremity arterial disease - A multi-centre case series |
| C30 | Radiation Oncology | Shokoohi, Aria | Management of Differentiated Thyroid Cancer In Accordance With the American Thyroid Association Guidelines: Impact on Patient Disease Free and Overall Survival Outcomes |

| # | Division | Submitting Author | Abstract Title |
|-----|--------------------|---------------------------|---|
| C31 | Vascular Surgery | Hamidzadeh, Ramin | Influence of arterial and venous diameters on autogenous arteriovenous access patency |
| C32 | Otolaryngology | Parhar, Harman Singh | Patient Refusal of Cancer-Directed Surgery Contributes to Disparities in Head & Neck Squamous Cell Carcinoma Outcomes |
| C33 | Otolaryngology | Parhar, Harman Singh | 60-Day Readmission following Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma: A Nationwide Analysis |
| C34 | General Surgery | Hui, Queenie | The Role of Islet Resident Macrophages and β -cells in Amyloid-Induced IL-1 β Production in Human Islets: Implications for Clinical Islet Transplantation |
| C35 | Plastic Surgery | Slater, Karen | The Risk of Waiting: Breast Cancer Development in BRCA+ Patients Awaiting Risk-Reducing Mastectomy and Immediate Breast Reconstruction |
| C36 | Otolaryngology | Ospina, Javier | Using the EQ-5D to calculate the cost-effectiveness of Endoscopic Sinus Surgery for the treatment of Chronic Rhinosinusitis in Canada |
| C37 | Otolaryngology | Javer, Amin R. | Bone Mineral Density in Recalcitrant Chronic Rhinosinusitis Patients on Long-Term Intranasal Budesonide via Mucosal Atomization Device: A Cross-Sectional Study. |
| C38 | Otolaryngology | Javer, Amin R. | Sinonasal Inverted Papilloma Recurrence Rates after Endoscopic Surgery: A Retrospective Review – The St. Paul’s Sinus Centre Experience |
| C39 | Pediatric Surgery | Chiu, Huai-Hsuan Clare | Teacher-Learner Contract (TLC): an objectives-based checklist for surgical shadowing |
| C40 | Otolaryngology | Thamboo, Andrew | The Functional and Psychological Burden of Empty Nose Syndrome |
| C41 | Otolaryngology | Thamboo, Andrew | The Geographic Distribution of Empty Nose Syndrome |
| C42 | Otolaryngology | Javer, Amin R. | Intranasal Retinoic Acid Treatment for Patients with Olfactory Loss: A Randomized Controlled Trial |
| C43 | Otolaryngology | Javer, Amin R. | Povidone-Iodine: A New Treatment Option for Recalcitrant Chronic Rhinosinusitis |
| C44 | Pediatric Surgery | Dasgupta , Tisha | Emergency Surgery Delays - An analysis of target time achievement and causes of delay in emergency cases at BC Children’s Hospital |
| C45 | Thoracic Surgery | Mak, Nicole | Thymic Liposarcoma: Report of a Rare Giant Anterior Mediastinal Mass in a Fifty Year Old Female. |
| C46 | Plastic Surgery | Ebtia, Michelle (Mahshid) | Evaluation of Anti-Lipotoxic Effects of FS2 Molecule on Human Pancreatic Islets |
| C47 | General Surgery | Shi, Rocky | Anti-apoptotic Bcl-xL affects Mitochondrial Networking and Function in Pancreatic β -cells |
| C48 | Radiation Oncology | Chan, Matthew | Validation of Patient Reported Outcome Measures in Patients Receiving High Dose Radiation Therapy for Gynecologic Malignancies |
| C49 | Otolaryngology | Valenzuela, Dianne | Primary versus secondary tracheoesophageal puncture for voice rehabilitation in laryngectomy patients: a systematic review |
| C50 | Otolaryngology | Luu, Kimberly | Assessing the educational value and impact on safety of a pre-operative CT Sinus Anatomy Review Tool |
| C51 | Vascular Surgery | Culig, Jennifer | Management of Small High Altitude Carotid Body Tumors; Is Surgery the Best Option? |
| C52 | General Surgery | Taylor, Austin James | The physiological actions of islet amyloid polypeptide |