



UNIVERSITY OF BRITISH COLUMBIA
Department of Surgery
Research Day

18TH ANNUAL
W.B. & M.H. CHUNG
LECTURESHIP
2012

Invited Lecturer

Dr. Haile Debas
University of California, San Francisco

VANCOUVER GENERAL HOSPITAL

Monday, September 24, 2012

CORDULA AND GÜNTER PAETZOLD
HEALTH EDUCATION CENTRE
Main Floor
Jim Pattison Pavilion South

MORNING PAPERS

Chair: Dr. Gary Redekop

**9 minute paper with 3 minute discussion*

- 0800 **WELCOME - Dr. Gary Redekop**
- 0805 **Dr. Kyle Grant, Thoracic Surgery**
Interim cost-utility analysis for the use of platinum microcoils in the operative localization of small peripheral lung nodules
- 0817 **Dr. May Tee, General Surgery**
Effect of Bariatric Surgery on Oncologic Outcomes: A Meta-Analysis
- 0829 **Dr. Jeffrey Cao, Radiation Oncology**
Should women younger than 40 years of age with invasive breast cancer have a mastectomy?
- 0841 **Dr. Eric Tran, Radiation Oncology**
The impact of comorbidities on the benefits of prolonged androgen ablation in patients with T3-4 prostate cancer
- 0853 **Mani R. Moniri, General Surgery** *TRAIL-engineered pancreas-derived MSC-mediated cytotoxicity of pancreatic cancer cells*
- 0905 **Rebecca Towle, Otolaryngology**
Profiling Critical Methylation Events in Oral Cancer Progression
- 0917 **REFRESHMENT BREAK**
- 0937 **Dr. Veronique Wan Fook Cheung, Otolaryngology** *Current Incidence of Duplicate Publication in Otolaryngology*
- 0949 **Dr. Brent Chang, Otolaryngology** *The Impact of a Book Club on Perceptions of Incoming First Year Medical Students*
- 1001 **Dr. Jennifer Higgins, Cardiovascular Surgery** *Cerebral Protection & Long-Term Outcomes in Aortic Arch Surgery*
- 1013 **Dr. Lisa Knowlton, General Surgery**
Comprehensive Assessment of Trauma Admissions and Burden of Injury in Cape Town, South Africa:

- 1025 **Dr. Eiman Zargar, General Surgery**
Validation of the electronic Trauma Health Record (eTHR) as an injury surveillance tool in low resource and remote settings: From Cape to Whitehorse

- 1037 ♦ **CHUNG LECTURE** ♦ **Dr. Haile Debas**
"Precious Time"
- 1137 ♦ **LUNCH and LEARN** (simultaneous oral & poster sessions, list of presentations on pages last 3 pages) ♦

AFTERNOON PAPERS

Chair: Dr. Erik Skarsgard

**9 minute paper; 3 minute discussion*

- 1300 **Jonathan Han, General Surgery**
Insulin regulates immunity: implications for obesity
- 1312 **Paul Sabatini, General Surgery** *Npas4: A Novel Glucose-Induced Beta Cell Cytoprotective Factor*
- 1324 **Dr. Gilbert Lam, Otolaryngology** *Intra-nasal topical local anesthetic and decongestant for flexible nasendoscopy in children*
- 1336 **Dr. Akram Aljahdali, Pediatric General Surgery** *Effects of Early Feeding Protocol in Patients with Gastroschisis in Canada*
- 1348 **VIDEO Dr. Neely Pantan, General Surgery**
TBA
- 1400 **Dr. Tamir Ailon, Neurosurgery**
Long-term Outcome After Selective Dorsal Rhizotomy in Children with Spastic Cerebral Palsy
- 1412 **Dr. Nasim Abedi, Plastic Surgery**
The Rate of Mastectomy Flap Necrosis in Alloplastic and Autologous Breast Reconstruction Patients
- 1424 **Dr. Adelyn Ho, Plastic Surgery**
Optimizing Satisfaction in Breast Reconstruction: The Importance of the Preoperative Information and Patient-Physician Communication

Reception and Dinner

- 1830 Reception – Beaty Biodiversity Museum
- 1900 - Presentation of Annual Faculty Awards
-Presentation of Research Day Awards
Conclusion of formal part of the evening
- 1930 Dinner with the great blue whale

LEARNING OBJECTIVES

1. To inform members of the types of clinical and basic science research being conducted in the Department of Surgery.
2. To familiarize members with new and innovative research techniques.
3. To foster an atmosphere of collaborative research within the Department of Surgery.

Accredited by:



This event is an Accredited Group Learning Activity eligible for up to 6.25 Section 1 credits as defined by the Maintenance of Certification program of the Royal College of Physicians and Surgeons of Canada. This program has been reviewed and approved by UBC Division of Continuing Professional Development.

Lunch and Learn

Simultaneous Session A

Abstract #	First Author <i>Last Author</i>	Division	Abstract_title
A01	Jane Lea <i>Brian Westerberg</i>	Otolaryngology	In vitro efficacy of N-acetylcysteine on bacteria associated with chronic suppurative otitis media
A02	Jamil Manji <i>Amin Javer</i>	Otolaryngology	Cytokine Profiling in Chronic Rhinosinusitis Patients Treated with Leptospermum Honey.
A03	Samuel Chow <i>Francis Lynn</i>	General surgery	Sox4 and Tle3 regulated activation of NeuroD1
A04	Nicole Krentz <i>Francis Lynn</i>	General surgery	The Role Of Cell Cycle In The Differentiation Of Human Embryonic Stem Cells To Pancreatic Beta Cells
A05	Katherine MacDonald <i>Megan Levings</i>	General surgery	Engineering antigen specific T regulatory cells for transplant tolerance
A06	Sara MacLellan <i>Cathie Garnis</i>	Otolaryngology	Serum microRNAs as a tool for non-invasive detection of lung adenocarcinoma
A07	Malihe Poormasjedi <i>Aziz Ghahary</i>	Plastic surgery	Prevention of hypertrophic scarring using small molecules
A08	Sanam Salimi <i>Aziz Ghahary</i>	Plastic surgery	Tryptophan metabolites suppress the infiltrated immune cells in wound healing
A09	Azadeh Hosseini-Tabatabaei <i>Aziz Ghahary</i>	Plastic surgery	A novel bioengineered composite scaffold improves the pancreatic islet graft structure and function.
A10	Eric Xu <i>Francis Lynn</i>	General surgery	Sox4 transcription factor regulates pancreatic endocrine cell development
A11	Yoo Jin Park <i>Lucy Marzban</i>	General Surgery	IL-1 Receptor Blockade as a Means of Reducing Beta-Cell Death in Human Islets during Pre-Transplant Culture

Lunch and Learn

Simultaneous Session B

Abstract #	First Author Last Author	Division	Abstract_title
B01	Ala Al-Lawati <i>Andrew Campbell</i>	Cardiovascular surgery	A Retrospective Review of The Surgical Outcomes Of PDA Ligation
B02	Michael Bleszynski <i>Andrzej Buczkowski</i>	General surgery	Application of Scoring Models for ICU Mortality Proves Less Sensitive in Patients with Severe Abdominal Sepsis
B03	Tournesol Gregory <i>Anthony Papp</i>	Plastic surgery	British Columbia Adult Major Burn Clinical Practice Guidelines
B04	Al-Rahim Habib <i>Amin Javer</i>	Otolaryngology	Reverse Trendelenburg Position for Functional Endoscopic Sinus Surgery
B05	Shilo Lefresne <i>Robert Olson</i>	Radiation oncology	The Vancouver Rapid Access Clinic – Providing more than just Rapid Access
B06	Ashraf Maghrabi <i>Estifanos Debru</i>	Thoracic surgery	Quality of Life and Pulmonary Function Improvements Following Laparoscopic Repair of Paraesophageal Hernia: Results of a 5-Year Experience.
B07	Ronak Rahmanian <i>Chris Diamond</i>	Otolaryngology	Calcific Tendinitis of the Longus Colli Muscle as a Non-Infectious Cause of Retropharyngeal Fluid Collection
B08	Devon Rasmussen <i>Sanjiv Gandhi</i>	Cardiovascular surgery	Evaluation of Capacity for International Patient Care at BC Children’s Hospital
B09	James Saunders <i>Erin Brown</i>	Plastic surgery	CT Scan vs. Standard Radiograph: Comparing Radiation Exposure, Cost, and Time Utilization in the Work-Up of a Suspected Mandible Fracture
B10	May Tee <i>Sam Wiseman</i>	General surgery	Serum versus Ionized Calcium in Primary Hyperparathyroidism
B11	Andrew Thamboo <i>Amin Javer</i>	Otolaryngology	A systematic review of the role of leukotriene antagonists in the treatment of nasal polyps
B12	Veronique Wan Fook Cheung <i>Willis Anderson</i>	Otolaryngology	Should preoperative and postoperative prophylactic antibiotics be used in thyroidectomies and parathyroidectomies- a retrospective review

Lunch and Learn

Simultaneous Session C

Abstract #	First Author Last Author	Division	Abstract_title
C01	Nori Bradley <i>Sam Wiseman</i>	General surgery	Papillary Thyroid Microcarcinoma: The Significance of High Risk Features
C02	Elisa Chan <i>Scott Tyldesley</i>	Radiation oncology	Long term mortality from cardiac causes after accelerated hypofractionated versus conventional whole breast radiotherapy for localised left-sided breast cancer
C03	Allison Ye <i>Jonn Wu</i>	Radiation oncology	Radiation Therapy and Cetuximab in the Treatment of HPV-related Squamous Cell Carcinomas of the Head and Neck
C04	Kristin DeGirolamo <i>Stephen Chung</i>	General surgery	Do Patients' Symptoms Improve after Hepatic Resection for Focal Nodular Hyperplasia?
C05	Adelyn Ho <i>Sheina Macadam</i>	Plastic surgery	Direct-to-Implant Single-Stage Immediate Breast Reconstruction with Acellular Dermal Matrix: Predictors of Failure.
C06	Sarah Hamilton <i>Joseph Connors</i>	Radiation oncology	Treatment and Outcomes of Patients with Limited Stage Primary Cutaneous B-Cell Lymphoma
C07	Andrea Lo <i>Rob Olson</i>	Radiation oncology	A Province-Wide Quality Assurance (QA) Review of Stereotactic Body Radiotherapy (SBRT) Treatment Planning for Lung Cancer
C08	Sonia Nguyen <i>Winkle Kwan</i>	Radiation oncology	Tissue Expander/Implant Breast Reconstruction with and without Postmastectomy Radiation: Predictive Factors for Complications
C09	Michael Peacock <i>Devin Schellenberg</i>	Radiation oncology	Incidence of Hippocampal Metastases in Small Cell Lung Cancer: Evaluating the Potential for Hippocampal Sparing in Prophylactic Cranial Irradiation
C10	Scott Tyldesley <i>Tom Pickles</i>	Radiation oncology	Population-Based 10 Year Event-Free Survival After Radical Prostatectomy For Patients With Prostate Cancer In British Columbia.
C11	Sonia Nguyen <i>Paris-Ann Ingledew</i>	Radiation oncology	Tangled in the Breast Cancer Web: An Evaluation of the Usage of Web-based Information Resources by Breast Cancer Patients
C12	Paris-Ann Ingledew <i>Steven Downing</i>	Radiation oncology	Training the "Complete Radiation Oncologist": Instructional methods used for CanMEDS training in Canadian Radiation Oncology Residency Programs.