



UNIVERSITY OF BRITISH COLUMBIA  
Department of Surgery  
Research Day

14TH ANNUAL  
W.B. & M.H. CHUNG  
LECTURESHIP  
2008

**Invited Lecturer:**

Thomas M. Krummel, MD, FACS  
Emile Holman Professor and Chair  
Stanford University School of Medicine  
Department of Surgery  
Susan B. Ford Surgeon in Chief  
Lucile Packard Children's Hospital  
Stanford, CA

**VANCOUVER GENERAL HOSPITAL**

**Monday, November 3, 2008**

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

**MORNING PAPERS\***

**Chair: Dr. Garth Warnock**

*\*10 minute paper with 5 minute discussion*

- 0800: **WELCOME** - Dr. G.L. Warnock
- 0805: **Dr. Adelyn Ho, Plastic Surgery**  
*"Immediate autologous breast reconstruction in locally advanced breast cancer patients: a UBC perspective."*
- 0820: **Farshad Forouzandeh, Plastic Surgery**  
*"Indoleamine 2,3-dioxygenase (IDO) expression improves the engraftment of engineered skin substitute used as wound coverage."*
- 0835: **Abelardo Medina, Plastic Surgery**  
*"Peripheral blood mononuclear cells modulate the wound healing outcome by cell transdifferentiation."*
- 08:50 **Dr. Raymund Yong, Neurosurgery**  
*"Mesenchymal stem cells as delivery vehicles for delta-24-RGD in the treatment of malignant glioma."*
- 0905: **Dr. Alice Mui, General Surgery**  
*"Non-invasive monitoring anti-graft immune status in organ transplant recipients."*
- 0920: **Dr. Richard Simons, General Surgery**  
*"Excess mortality from injury in a rural-remote community of BC is primarily due to prehospital delays."*
- 09:35 **Dr. Garth Warnock, General Surgery**  
*"A multi-year analysis of islet transplantation compared with intensive medical therapy on progression of complications in Type 1 diabetes."*
- 09:50 **REFRESHMENT BREAK**
- 1010: **Dr. Sam Wiseman, General Surgery**  
*"Molecular phenotyping of thyroid tumors identifies a marker panel for differentiated thyroid cancer diagnosis."*

- 1025: **Dr. Susan Krajewski, General Surgery**  
*"Access to emergency surgical care – a comparative study of the Canadian and American health care systems."*
- 10:40 **Dr. Monica Langer, General Surgery**  
*"Video playback: coaching surgical trainees to Olympic levels."*
- 10:55 **Dr. Erik Skarsgard, Pediatric General Surgery**  
*"The effect of hospital case volume on survival in congenital diaphragmatic hernia (CDH)."*
- 1110: ♦ **CHUNG LECTURE: Dr. Thomas M. Krummel**  
*"From Blood and Guts to Bits, Bytes and Beyond - Upgrading the Surgical Apprentice Model"*
- 12:10 **LUNCH BREAK** (in rooms off atrium)

**VIDEO PRESENTATIONS**

**Chair: Dr. Alice Mui/  
Dr. Cathy Garnis**

*\*7 minute presentation with 3 minutes discussion*

- 12:40 **Dr. Peter Skarsgard, Cardiac Surgery**  
*"Repair of anterior leaflet mitral valve prolapse."*
- 12:50 **Dr. Adam Meneghetti, General Surgery**  
*"Laparoscopic resection of gastrointestinal stromal tumor of the stomach."*
- 13:00 **Dr. Neely Panton, General Surgery**  
*"Hand-assisted laparoscopic (HAL) left adrenalectomy."*
- 13:10 **Dr. Geoffrey Blair, Pediatric General Surgery**  
*"Instructional videos in surgical technical training – improving the video atlas"*

PLEASE TURN OVER →

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## AFTERNOON PAPERS\*

Chair: Dr. Erik Skarsgard

*\*10 minute paper with 5 minute discussion*

- 1330: **Dr. David Palma, Radiation Oncology**  
*"Pretreatment PSA velocity is associated with development of distant metastases & prostate cancer mortality in men treated with radiotherapy & androgen deprivation therapy."*
- 1345: **Dr. Erika Stokes, Radiation Oncology**  
*"Impact of nodal irradiation & fraction size on cardiac & cerebrovascular mortality in women treated for localized & locoregional breast cancers."*
- 1400: **Dr. Marlene Grenon, Vascular Surgery**  
*"Use of artificial gravity to increase ankle-brachial indices."*
- 1415: **Dr. Danielle MacNeil, Otolaryngology**  
*"Towards the development of evidence-based guidelines for the management of methicillin-resistant Staphylococcus aureus (MRSA) otitis."*
- 1430 **Patrick Yang, Pediatric General Surgery**  
*"Chitosan-mediated in utero gene therapy for cystic fibrosis."*
- 14:45 **Dr. Richard Cook, Cardiac Surgery**  
*"Prophylactic intravenous magnesium sulphate in addition to oral beta blockade does not prevent atrial arrhythmias after cardiac surgery."*
- 15:00 **Dr. Jennifer Higgins, Cardiac Surgery**  
*"Microaxial endovascular ventricular assist device: first North American experience."*

*(Resident, Students and Faculty members with Spouses/Partners Invited)*

⊗ *Dinner talk by Dr. Krummel - "Inventing Your Future: Surfing the Tsunami"*

## UNIVERSITY GOLF CLUB

*5185 University Blvd*

*Vancouver, B.C.*

*6:30 Cocktails*

*7:30 Dinner*

## 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.

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1830: **DINNER**