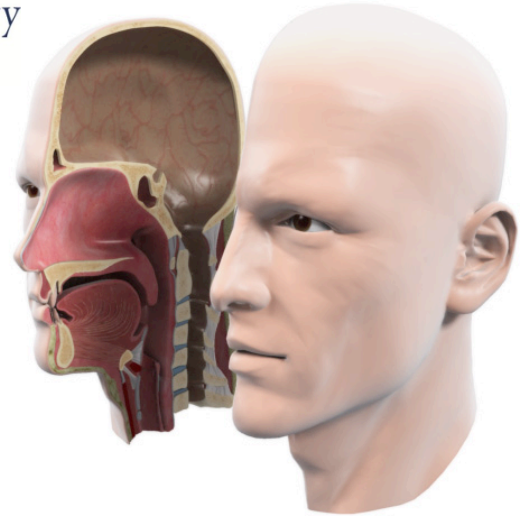




The 28th Annual PERCY IRELAND Academic Day and Dinner



May 9-10, 2019

Course Objectives

1. To compare and contrast clinical and surgical approaches used in the management of otolaryngologic disorders
2. To describe the pathobiology, biologic behaviour, and treatment outcomes of adult and pediatric otolaryngology-head & neck surgery disorders
3. To develop an approach to research methodology

Accreditation

This event is an Accredited Group Learning Activity (Section 1) as defined by the Maintenance of Certification Program of the Royal College of Physicians and Surgeons of Canada, approved by Continuing Professional Development, Faculty of Medicine, University of Toronto. You may claim a maximum of 5 hours (credits are automatically calculated). Each participant should claim only those hours of credit that he/she actually spent participating in the educational program.

Dinner

Thursday, May 9, 2019
InterContinental Hotel Yorkville
220 Bloor Street West, Toronto
6:00 pm – Reception, Willard Room Foyer
7:00 pm – Dinner, Willard Room

Presentation of:

- Faculty Teacher of the Year Award
- Alma Smitheringale Excellence in Undergraduate Teaching Award
- Distinguished Alumnus Award
- Resident Teacher of the Year Award
- Resident Advocate Award
- Fellow Teacher of the Year Award
- Harry Barberian Scholarship Recipients
- Raymond H. W. Ng Awards
- Wilfred Goodman Award in Facial Plastic & Reconstructive Surgery

Academic Program

Friday May 10, 2019
Hart House, University of Toronto
7 Hart House Circle, Toronto
Music Room, 2nd floor

Guest of Honour: Dr. Michael Hawke

Percy Ireland Oration
Dr. Michael J. Cunningham

Juvenile Nasopharyngeal Angiofibroma: Etiologic Conundrum, Surgical Challenge and Recidivism Risk

Program

- 8:30 Breakfast & Registration
9:00 Introduction by Dr. Ian J. Witterick, Chair
9:05 Opening Remarks

Each speaker has 7 minutes to make their presentation followed by 3 minutes for questions and answers

Category 1 - Work undertaken by post-residency research fellows/graduate degree students

Session Chaired by Dr. Robert V. Harrison

(7 minutes presentation each, 3 minutes Q&A each)

- 9:10 **Dr. Jennifer Siu**
The Effect of Energy-based Devices Compared to Conventional Hemostasis on Post-operative Neck Hematoma after Thyroid Operations
Mentors: Drs. Antoine Eskander, Ian Witterick, Gregory Radolph, Regan Bergmark
- 9:20 **Ms. Claire McSweeney**
Working Memory and Academic Performance Impairments in Children with Hearing Loss
Mentors: Drs. Jennifer Campos, Sharon Cushing, Karen Gordon, Blake Papsin
- 9:30 **Dr. Peter Dixon**
Improving Hearing State Discrimination Of the Health Utilities Index, Mark 3
Mentors: Drs. Joseph Chen, Sharon Cushing, David Feeny, Murray Krahn, George Tomlinson
- 9:40 **Ms. Ayesha Noman**
Manipulation of the Blood Labyrinth Barrier to Treat Cisplatin-Induced Ototoxicity
Mentor: Dr. Trung Le
- 9:50 **Dr. Catriona Douglas**
Nanoparticle Mediated Photodynamic Therapy Enables Tumor Specific Ablation in Preclinical Models of Differentiated Thyroid Cancer
Mentor: Dr. Jonathan Irish
- 10:00 **Dr. Fatemeh Hassan Nia**
Contralesional High-Acceleration Vestibulo-Ocular Reflex Function in Vestibular Schwannomas
Mentor: Dr. John Rutka

Category 2 - Work undertaken by PGY2 residents during clinical rotation

Session Chaired by Dr. Yvonne Chan

(7 minutes presentation each, 3 minutes Q&A each)

- 10:10 **Dr. Justin Cottrell**
Measuring Quality: Development of Quality Indicators for Chronic Rhinosinusitis
Mentor: Dr. Eric Monteiro
- 10:20 **Dr. Shireen Samargandy**
Parathyroid Hormone Driven Algorithms After Thyroid Surgery: Not one size fits all
Mentor: Dr. Antoine Eskander
- 10:30-10:50 COFFEE BREAK**
- 10:50 **Dr. Neil Verma**
Evaluation of the Peri-Tumoral Inflammatory Microenvironment in Patients with Oral Cavity Squamous Cell Carcinoma
Mentor: Dr. Douglas Chepeha
- 11:00 **Dr. Daniel Lee**
Full-house Sinus Surgery versus Limited Sinus Surgery for Chronic Rhinosinusitis in Patients with Cystic Fibrosis
Mentor: Dr. John Lee
- 11:10 **Dr. Terence Fu**
Optimization of Surgical Tray Efficiency as a Simple Means of Reducing Perioperative Costs
Mentors: Drs. Antoine Eskander, Eric Monteiro, Al Chiodo, William El Masri, Brad Hubbard, Kevin Higgins, Danny Enepekides

Category 3 - Work undertaken by PGY3 residents during clinical rotation

Session Chaired by Dr. Danny Enepekides

(7 minutes presentation each, 3 minutes Q&A each)

11:20 **Dr. Christopher Hong**
Surgical Margins and Outcomes in Oral
Tongue Squamous Cell Carcinoma (OTSCC):
A Retrospective Chart Review

Mentor: Dr. David Goldstein

11:30 **Dr. Neil Arnstead**
Surgical Safety Culture Among Toronto
Otolaryngology Residents

Mentor: Dr. Eric Monteiro

11:40 **Dr. Christopher Noel**
Deriving Health Utility Scores from Head
and Neck Cancer Quality of Life
Instruments: Mapping UWQoL and EORTC
QLQ-C30 & QLQ-HN35 onto EQ-5D and
HUI-3 Indices

Mentor: Dr. John de Almeida

11:50 **Dr. Florence Mok**
Evaluating the Effects of Hyaluronic Acid
Film in Middle Ear Surgery

Mentor: Dr. Adrian James

12:00-12:50 LUNCH

12:50 Introduction of Visiting Professor

12:55 PERCY IRELAND ORATION

Dr. Michael J. Cunningham
*Juvenile Nasopharyngeal Angiofibroma:
Etiologic Conundrum, Surgical Challenge
and Recidivism Risk*

1:40-1:50 Q&A

Category 4 - Work undertaken by PGY4 residents during clinical rotation

Session Chaired by Dr. Jun Lin

(7 minutes presentation each, 3 minutes Q&A each)

1:50 **Dr. Frédérick Laliberté**
Comparison of Bone Resorption via 3D
Volumetric Assessment in Fibula Versus
Scapula Tip Free Flaps in Mandibular
Reconstruction

Mentor: Dr. David Goldstein

2:00 **Dr. Sunita Rai**
Tracheostomy Pathways: Variation in
Pathways of Care in a Level 1 Trauma Centre

Mentor: Dr. Jennifer Anderson

2:10- 2:30 COFFEE BREAK

2:30 **Dr. Joel Davies**
Evaluation of Hardware Complications
Following Oromandibular Reconstruction
Using Three-Dimensional Analysis

Mentors: Drs. John de Almeida, Jonathan Irish

2:40 **Dr. Josie Xu**
Characteristics of Surgeons Disciplined by
Professional Colleges in Canada

Mentor: Dr. Eric Monteiro

2:50 **Dr. Mirko Manojlovic Kolarski**
Cost Analysis of Salvage Laryngectomy
Closure Techniques

Mentor: Dr. John de Almeida

Category 5 - Work undertaken by post-residency clinical fellows

Session Chaired by Dr. John Rutka

(7 minutes presentation each, 3 minutes Q&A each)

3:00 **Dr. Sunil Sharma**
Vestibular and Balance Dysfunction Occurs
in Childhood Cancer Survivors who have
Received Ototoxic Therapies

Mentor: Dr. Sharon Cushing

3:10 **Dr. Paul Douglas-Jones**
Gentamicin Vestibulotoxicity: Further
Insights from a Large Clinical Series

Mentor: Dr. John Rutka

3:20 **Dr. Patricia Purcell**
Hearing and Developmental Outcomes
Among Children with Asymptomatic
Congenital Cytomegalovirus

Mentors: Drs. Sharon Cushing, Blake Papsin

3:30 **Dr. Matthew Crowson**
Active Bone Conduction Implants Improve
Patient Reported Outcome Measures:
A 12-Month Prospective Study

Mentors: Drs. Joseph Chen, Vincent Lin, Trung Le

3:40- 4:00 C O F F E E B R E A K

4:00 **PRESENTATION OF AWARDS AND
PARTICIPATION CERTIFICATES**

Best Paper Category 1
Best Paper Category 2
Best Paper Category 3
Best Paper Category 4
Best Paper Category 5
Best Overall Presented Paper

Plus

The Judy Chauvin Otolaryngology Resident Award

Kris Conrad Merit Award in Facial Plastic Surgery

Freda Noyek Otolaryngology Merit Award

The Shiley E.O. Pelausa Award

The Wharton Head & Neck Research Award



Percy Edgerton Ireland

Dr. Ireland was the first full time Professor of Otolaryngology at the University of Toronto. A medical graduate of the University of Toronto, he trained in Otolaryngology with Harris P. Mosher at Harvard. After a distinguished war career, much of it in the Western Desert, he returned to Toronto and was appointed Professor and Chairman in 1946, a position he held, along with that of Otolaryngologist-in-Chief at Toronto General Hospital until 1966. He finished his University career at Sunnybrook Hospital by helping the change over from a Veterans' to a University Hospital. He retired in 1969, leaving as his legacy a strong academic staff, many of whom held high positions in the University. He was a tough but a self-effacing man, who started the residency-training program in Otolaryngology. He was extremely active in the educational field and it is fitting that his name be remembered in an academic event for trainees.

Professor Michael J. Cunningham, MD

Michael J. Cunningham, MD is a graduate of Princeton University (1977) and the Rochester University School of Medicine (1981). He completed Pediatrics training at the Massachusetts General Hospital and Otolaryngology training at the University of Pittsburgh. He has practiced as a pediatric otolaryngologist in Boston since 1989.

He is currently Otolaryngologist-in-Chief of the Department of Otolaryngology and Communication Enhancement at Boston Children's Hospital, and Professor of Otolaryngology at the Harvard Medical School. He is the previous Director of the Harvard Residency Program in Otolaryngology, and recently completed a six year term as vice chair of the Accreditation Council of Graduate Medical Education Residency Review Committee responsible for overseeing otolaryngology residency and fellowship training in the United States.

He has played an active role in many professional societies, most notably as a past president of the American Society of Pediatric Otolaryngology, and a past chair of both the American Academy of Pediatrics (AAP) Section on Otolaryngology – Head and Neck Surgery and AAP Surgery Advisory Panel.

His clinical interests include head & neck masses and pediatric sinus disease. He has published approximately 135 manuscripts, 45 chapters, two section editorships and one textbook on these and other educational topics.

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