



The 24th Annual PERCY IRELAND Academic Day and Dinner



May 7-8, 2015

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 continuing education event has been approved for **5.0 Section 1** Royal College of Physicians and Surgeons of Canada credits and **5.0 Category 1** American Medical Association credits

Dinner

Thursday, May 7, 2015

Park Hyatt Hotel
4 Avenue Road, Toronto
5:30 pm – Reception
Mezzanine Lounge

6:30 pm – Dinner
Queen's Park Ballroom

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 Advocacy Award
- Harry Barberian Scholarship Awards
- Raymond H. W. Ng Awards

Academic Program

Friday, May 8, 2015

Hart House, University of Toronto
7 Hart House Circle, Toronto
Debates Room, 2nd floor

Guest of Honour: Dr. Ronald Fenton

Percy Ireland Oration: Dr. Bradley Welling

*Decision Making in the Management of
Vestibular Schwannomas: What's New in 2015?*

Program

- 8:30 Breakfast & Registration
9:00 Introduction by Dr. Ian J. Witterick, Chair
9:05 Opening Remarks by Dr. Peter N. Lewis,
Associate Vice-President Research and Innovation Global Research Partnerships, University of Toronto

Each speaker has 7 minutes to make their presentation followed by 3 minutes for discussion

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

Session Chaired by Dr. Alain Dabdoub

- 9:10 **Mattia Carraro**
Vascular Damage to the Cochlea after
CMV Infection
Mentor: Dr. Robert Harrison
- 9:20 **Dr. William Parkes**
Electrically-Evoked Vestibular Potentials
in Children with Cochlear Implants
*Mentors: Drs. Sharon Cushing, Karen Gordon,
& Blake Papsin*
- 9:30 **Dr. Xiao Zhao**
The Role of Adipose Derived Stromal Cells
for Reversal of Radiation Fibrosis
Mentor: Dr. Fei-Fei Liu
- 9:40 **Dr. Jonathan Bernstein**
Navigated Mandibular and Maxillary
Osteotomies for Computer-Aided Design:
Accuracy and reproducibility in phantoms
Mentors: Mike Daly & Dr. Jonathan Irish
- 9:50 **Dr. Euna Hwang**
Updated Cochlear Implantation Outcomes
in Adults with Hearing Exceeding Current
Candidacy Criteria
Mentors: Drs. Joseph Chen & Vincent Lin
- 10:00 **Dr. Vijayalakshmi Easwar**
Cortical Processing of Bilateral Stimuli in
Children with Bilateral Cochlear Implants
and Normal Hearing
Mentors: Drs. Karen Gordon & Blake Papsin

Category 2 - Work undertaken by PGY2 residents during clinical rotation

Session Chaired by Dr. Kevin Higgins

- 10:10 **Dr. Christopher Yao**
Harnessing Vacuum Technologies in Otology
Mentor: Dr. Vito Forte
- 10:20 **Dr. Jason Xu**
Use of Otoscopy Simulation in Medical
Student Clinical Evaluation
Mentor: Dr. Al Chiodo
- 10:30-10:50 C O F F E E B R E A K
- 10:50 **Dr. Andrew Ma**
Intraoperative Image Guidance in Transoral
Robotic Surgery – A pilot GTx study
Mentors: Drs. John de Almeida & Jonathan Irish
- 11:00 **Dr. Jonathan Yip**
State of the Art: A systematic review of the
surgical management of aspirin exacerbated
respiratory disease
Mentor: Dr. John Lee
- 11:10 **Dr. Stephen Chen**
Investigating Hearing Loss and Alzheimer's
Disease in Mouse Models
Mentor: Dr. Alain Dabdoub

Category 3 - Work undertaken by PGY3 residents during clinical rotation

Session Chaired by Dr. Evan Propst

11:20 **Dr. Gordon Tsang**
Exploring the Psychological Morbidity of Waiting for Sinus Surgery Using a Mixed Methods Approach

Mentor: Dr. John Lee

11:30 **Dr. Gian-Marco Busato**
Retrospective Analysis of Subannular Tubes in a Pediatric Population

Mentor: Dr. Adrian James

11:40 **Dr. Michael Au**
Endoscopic Nasopharyngectomy: An anatomic cadaver study

Mentor: Dr. John de Almeida

11:50 **Dr. Gavin le Nobel**
Vestibular Function Following Unilateral Cochlear Implantation for Profound Sensorineural Hearing Loss

Mentors: Drs. Sharon Cushing & Vincent Lin

12:00-12:50 LUNCH

12:50 Introduction of Visiting Professor

1:00 PERCY IRELAND ORATION
Dr. Bradley Welling
Decision Making in the Management of Vestibular Schwannomas: What's New in 2015?

1:40-1:50 Q&A

Category 4 - Work undertaken by PGY4 residents during clinical rotation

Session Chaired by Dr. John de Almeida

1:50 **Dr. Dupe Oyewumi**
Using Vestibular and Balance Function to Screen for Usher Syndrome in Children with Sensorineural Hearing Loss and Cochlear Implants

Mentors: Drs. Sharon Cushing & Blake Papsin

2:00 **Dr. Kayvan Nateghifard**
Development of a Novel Microlaryngoscopy Simulator for Teaching and Assessment

Mentor: Dr. Theresa Holler

2:10 **Dr. Nikolaus Wolter**
Unilateral Hearing Loss is Associated with Impaired Balance in Children

Mentors: Drs. Sharon Cushing, Karen Gordon, & Blake Papsin

2:20- 2:30 COFFEE BREAK

2:30 **Dr. Sarah Hugh**
Association of Pharyngocutaneous Fistula on Locoregional Control in Salvage Laryngectomy

Mentor: Dr. David Goldstein

2:40 **Dr. Edward Park**
A Comparison of Hearing Preservation Rates Between Flex28 versus Flex31 Electrode Array - Prospective cohort

Mentor: Dr. Vincent Lin

2:50 **Dr. Heather Osborn**
Non-Sedated Auditory Brainstem Response Testing as an Early Indicator of Spontaneous Recovery in Auditory Neuropathy Spectrum Disorder

Mentor: Dr. Adrian James



Category 5 - Work undertaken by post-residency clinical fellows

Session Chaired by Dr. Yvonne Chan

- 3:00 **Dr. Ohad Hilly**
MRI-Based Tractography of the Facial Nerve in Patients With and Without Cerebellopontine Angle Tumors
Mentor: Dr. Joseph Chen
- 3:10 **Dr. Shazia Peer**
Comparison of Petromastoid Pneumatization Growth Curves in Normal Ears and Cholesteatoma
Mentor: Dr. Adrian James
- 3:20 **Dr. Carolina Wuesthoff**
Clinical Head Impulse Test vs Video Head Impulse Test: How accurate are our observations
Mentor: Dr. David Pothier
- 3:30 **Dr. Ophir Ilan**
Olfactory and Cochleovestibular Dysfunction After Head Injury in the Workplace
Mentor: Dr. John Rutka
- 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

Chapnik, Freeman and Friedberg
Clinician Scientist Award

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.

Bradley Welling, MD, PhD, FACS

D. Bradley Welling, MD, PhD is the Walter Augustus LeCompte Professor and Chair, Department of Otolaryngology and Laryngology, Harvard University, Boston, MA. He is also Chief of Otolaryngology at the Massachusetts Eye and Ear Infirmary, and Chief of Otolaryngology at Massachusetts General Hospital. Previously, he earned his bachelor of arts and his doctor of medicine at the University of Utah in Salt Lake City. He completed his residency in Otolaryngology Head and Neck Surgery at the University of Iowa and a fellowship in Otolaryngology, Neurotology and Skull Base Surgery at the Ear Foundation in Nashville, Tennessee. Dr. Welling has a doctorate in Pathobiology from The Ohio State University.

Dr. Welling currently serves as a member of the Residency Review Committee for the Accreditation Council on Graduate Medical Education. He is a Director on the American Board of Otolaryngology and is the President of the American Otologic Society. Dr. Welling's research involves basic and translational studies on Neurofibromatosis type 2-associated tumors.

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