

DEPARTMENT OF OTOLARYNGOLOGY-  
HEAD & NECK SURGERY  
FACULTY OF MEDICINE  
McGill UNIVERSITY

ANNUAL REPORT  
2014



## Introduction

This report will highlight the significant achievements and activities of our Department during the 2014 calendar year. Some reports will reference the academic year (2014-2015) because of its relevance to the McGill teaching schedule. We are pleased to report that our department continues to achieve excellent academic productivity with respect to publications and grants. Clinical activities and teaching were conducted at each of the major



14. Mongeau, L., Latifi, N., Heris, H.K., Sheibani, S., Taher, R., Yang, C.W., Kaizer, S., and Li, N.Y.K. "Biological response of human vocal fold fibroblasts to phono-microstimulation using an airflow-induced microreactor," The Voice Foundation's 43th Annual Symposium, Philadelphia, Pe

The McGill Head and Neck Cancer Fund (Departmental Fund) provided support to numerous MSc, Resident and Undergraduate medical student projects. It also provided salary support to a number of departmental researchers including Dr Alexandre Lehman, Dr Melissa Henry, Dr Sabrina Wurzba and Dr Miltiadis Paliouris.

Departmental publications including books, chapters, peer-reviewed journal articles, conference proceedings, abstracts and media presentations: In the year 2014, there are 134 citations itemized including written book chapters, 8 electronic book chapters, 98 peer-reviewed manuscripts, and 23 journal entries. A full listing can be found at the following URL: <https://www.mcgill.ca/ent/publications/2014>

## 2. Teaching and learning (undergraduate and graduate)

### Undergraduate (Committee co-chairs: Dr. Lily Nguyen and Dr. Marc Tewfik)

The Department hosted the Canadian Conference on Undergraduate Medical Education in OTL-HNS at the McGill Medical Simulation Center. The theme for this meeting was web based and simulation based for medical students. The conference was attended by Canadian medical schools and guest speakers included Drs. Joyce, Beth-Ann Cummings, and Farhan Bhanji. The educational App Earn ENT secured a \$65,000 grant for continued development.

The new undergraduate medical school curriculum came into effect with Otolaryngology-HNS being involved in teaching Fundamentals of Medicine (17 hours of lectures, small group sessions, Anatomy Lab Demonstrations), transitions to clinical practice (shadowing of OTL residents for 2wk periods, participation in Surgical Skills week at the Simulation Center) and the clerkship (rotations at McGill teaching hospital sites).

Dr. Lily Nguyen has officially stepped down as Committee Director and will be replaced by Dr. Johnathan Young.

### Residency Training Program (Director: Dr. J. Manoukian)

The Department is currently in "Full approval" for the residency training program from the Royal College of Physicians and Surgeons of Canada.

There are presently a total of 20 residents enrolled in the program.

Five graduating residents were successful in passing their Royal College exams in the year 2014: Dr. Yaseen Ali, Dr. Yaseed Al-Ghonaim, Dr. Tamara Mijovic, Dr. Alsha Rassouli, and Dr. Rania Ywakim.

At the Resident Research Day Competition to complete 2014-2015 academic year, the following prizes were awarded:

William H. Novick Canmeds Resident Award sponsored by Dr. Joseph Chen: Dr. Amanda Fanous

The Grand Rounds Resident Awards:

- o Junior Resident Awards: Dr. Cinzia Marchaj, Dr. Michael Roskies, Dr. Joe Saliba
- o Senior Resident Awards: Dr. Abba Albader, Dr. Amanda Fanous

Best Resident Research Presentations:

- o Medical Student Research: Dr. Marco Mascarella
- o Junior Resident Research: Dr. Michael Roskies, Dr. Joe Saliba
- o Senior Resident Research: Dr. Amanda Fanous

Melvin Mendelson Temporal Bone Drilling Award: Dr. Joe Saliba

A new award was sponsored this year by Dr. Danny Enemark the Martin J. Black Head and Neck Resident Research Award. The winner was Dr. Michael Roskies.

McGill Head and Neck Facial Reconstruction Award: Dr. Michael Roskies.

### Fellowship Training (Director: Dr. J. Rappaport)

Fellowships for 2013-2014

Dr. Andrea Dambrough – University of Manitoba (Laryngology, supervisor Dr K. Kost)

Dr. Madana Jeevanadam - 2nd year - India (Head and Neck Skull Base Microvascular Reconstruction, supervisor Dr M. Hier)

Fellowships for 2014-2015 academic year

Dr. Hamoud Alarouj - Kuwait (Laryngology, supervisor Dr K. Kost)

Dr. Remi Shoukrun – Israel (Head & Neck Surgery, supervisor Dr M. Hier)

Dr. Rania Ywakim - Calgary (Head & Neck Cutaneous Malignant Facial Reconstruction, supervisor Dr K. Kost)

Dr. Namrata Varma – California (Petrous, supervisor Dr S. Daniel)

Dr. Susan Edionwe - Texas (Rhinology / Endoscopic Skull Base Surgery, supervisor Dr M. Tewfik)

Dr. Farid Ibrahim – Egypt (McGill Auditory Sciences Research Lab, supervisor Dr S Daniel)


### Post-Graduate Education (Director: Dr. B. Segal)

There were 30 MSc (Otolaryngology) students enrolled in the year 2014. The program has doubled in size in the past two years.

Self-support funding attracted by students reached over \$836,000. The Master's program attracted 8 international students in 2014, and 12 in 2015 to date, yielding international fees to McGill of about \$145,000 and \$215, 000 respectively.



Although no theses were granted in 2014, ~~two~~ **three** granted at the June 2015 convocation,

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- 8) Interspecialty Crisis Resource Management Course (advanced) organized by Dr. Lily Nguyen for Senior residents (R4-5) held yearly at the SIM center. This course is for otolaryngology, anesthesia and emergency residents.
  - 9) Temporal bone dissection course organized by Sam Daniel for R2-4's held yearly.
  - 10) Resident Research Day organized by Dr. John Manoharan 5 days at the end of the academic year
  - 11) Ethics/Communication Skills teaching using professional trained patient actors supervised and coordinated by Dr. Jamie Rappaport and Dr. Lily Nguyen held every year at the Simulation Centre.
  - 12) Maxillofacial plating supervised by Dr. Alex Mlynarek for senior residents (R3-5) held every other year. This course is organized with residents of the University of Montreal.
  - 13) Head and neck anatomy teaching to McGill's medical students in the McGill Anatomy Lab supervised by Dr. Lily Nguyen/Mark Tewfik for R3-4. This will continue at an annual basis.
  - 14) Endoscopic Middle ear course ( Cadaveric) in Sim Center organized by Dr. Any Donny Zeitouni for senior residents

Departmental named lectureships and visiting professorships during 2014:

- 1) 16th Annual Raymer Family Lectureship. Dr. Lee M. S. A Director John Hopkins Voice Center, Baltimore MD.
- 2) 11th Annual Melvin D. Schloss Lectureship. Dr. Adam M. Klein, Emory Medical University, Atlanta Georgia.
- 3) 22<sup>nd</sup> Annual Resident Research Day/Jama. Baxter Lectureship. Dr. Dora Leopold, University of Vermont, Burlington Vermont.
- 4) 18th Annual McNally Lectureship. Dr. Etienne de Villers, Sii, Montreal Neurological Institute, McGill University.
- 5) 72<sup>nd</sup> Annual HS Birkett Memorial Lectureship. Dr. Frank Lin, Johns Hopkins University, Baltimore MD.


Other Teaching Initiatives

- 1) Creation and validation of a virtual reality simulator of Endoscopic Sinus Surgery Residency training (Drs. S. Frenkiel, M. Tewfik, R. Varshney)
- 2) Establishment of a Cadaver Endoscopic Sinus surgery station in the Strathcona Anatomy lab (Dr. M. Tewfik)
- 3) Development of an iPad App for Medical students entitled "iLearn ENT" (Drs. L. Nguyen, M. Tewfik)
- 4) Creation of an iPad App for General Practitioners entitled "Sinusitis Tool box" (Dr. M. Tewfik)
- 5) Development of a hands-on teaching tool for cross surgery of the larynx (Dr. K. Kost)

**3. Involvement in the community (Significant activities and positions held by departmental staff)**

Dr. M. Black: Monthly ENT clinics for patients at the Jewish Healthcare Centre and Maimonides Geriatric Centre

Dr. K. Cullen: Nova (PBS television series) Hosted visit to lab Dr. K.3C S-4(3C Dan 0. 1 Tf 0.0006 Tc 0.0374 Tw -38 0 9 15.67: )7(Nov



Dr. A. Mlynarek : Founder and President of Comité D'Oncologie Cervico-faciale du Québec (2014-present) Executive Committee of L'Association d'Oto-rhino-laryngologie et de Chirurgie Cervico-faciale du Québec

Dr. J. Rappaport: Supervisor of high school students in the Hospital Opportunity Program (HOPs) at the Jewish General Hospital Silver Ambassador for The Ride to Conquer Cancer (benefiting the Jewish General Hospital). Rider & Co-Captain of team

Dr. B. Segal Radio Advisory Board of Canada. Member, Electromagnetic compatibility committee

Dr. L. Nguyen: Co-Director and organizer of the Canadian Conference on Undergraduate Medical Education in Otolaryngology – Head and Neck Surgery, November 2014.

Dr R. Payne: Director of the Endocrine Surgery Group for the Canadian Society of Otolaryngology – Head and Neck Surgery

Dr M. Samaha: Associate Editor, Journal of Laryngology and Otology, UK

Dr. L. Mongeau: Tier 1 Canada Research Chair in Vo

