Dear Colleagues, Alumni, Staff, and Supporters of the Department of Otolaryngology – Head and Neck Surgery,

I am pleased to offer you my greetings and to send you this summertime Chair’s Report. This past year has once again been an extremely productive academic exercise for us. We have weathered many of the political winds of change and we clearly continue to progress and grow.

The subsequent pages of this newsletter will highlight departmental reports related to the 2015 calendar year, presented by Directors at our 2016 Annual Meeting. Additional 2016 highlights will also be outlined.

Firstly, I want to officially introduce and welcome, by name, the new appointments to our Department. Dr. Tamara Mijovic was appointed as Assistant Professor, CAS Clinical Full-time, with a subspecialty interest in Neurotology. Her fellowship training was carried out at the University of British Columbia under the supervision of Dr. Brian Westerberg.

We were also privileged to cross-appoint Dr. Maida Sewitch. She is presently an Associate Professor in the Department of Epidemiology and has been previously involved with research projects and publications at the MCH. She is currently on a one-year sabbatical and will become intimately involved in our Department’s MSc and Research program on her return to McGill.

I am extremely pleased to acknowledge two professorial promotions granted by McGill University: Dr. Karen Kost was promoted to Full Professor, CAS Clinical Full-time; Dr. Mark Samaha was promoted to Associate Professor, CAS Clinical Part-time.

I also announce with some sadness that Dr. Robert Sweet has tendered his resignation from clinical practice at the MUHC. He will however continue his academic affiliation and will continue as an educator for residents and undergraduates in the field of neuro-otology.

I would also recognize the following individuals and Departmental Honours that have been received:

- Dr. Martin Black received the Lifetime Achievement Award from the CSOHNS at the 2015 Annual Meeting in Winnipeg;
- Dr. Françoise Chagnon is the current President Elect of the Royal College of Physicians and Surgeons of Canada;
- Dr. Kathleen Cullen received the Sarrazin Lectureship Award from the Canadian Physiological Society in 2015;
- Dr. Sam Daniel and Dr. Robert Funnell were the winners of the William Potsic Award for best basic science manuscript at the American Society of Pediatric Otolaryngology;
- Dr. Sam Daniel presently serves as President of the International Society of Otolaryngology, known as SI-FORL;
- Dr. Amanda Fanous was awarded First Prize at the Resident Research Competition at the Annual Meeting of the Association ORL et de Chirurgie Cervico-Faciale du Québec in 2015;
- Dr. Melissa Henry received the Fonds de Recherche Québec-Santé Clinician Scientist Salary Award, with a ranking of first in this competition;
- Dr. Alexandre Lehmann received an FRQS Chercheur Boursier Salary Award;
- Dr. Luc Mongeau received a Tier 1 Canada Research Chair in Voice Biomechanics and Mechano-biology;
Dr. Lily Nguyen was named to the Faculty of Medicine Honour List for Educational Excellence; Dr. Michael Roskies was awarded First Prize at the Annual Poliquin Resident Research Competition in 2015; Dr. Sabrina Wurzba was awarded a CIHR New Principal Investigator’s Training Award; Dr. Faisal Zawawi received First Prize at the 7th Annual H. Bruce Williams Pediatric Surgical Research Day 2016, for his project entitled “Association of Caffeine and Hearing Recovery after Acoustic Overstimulation Events in a Guinea Pig Model”.

The Department recognizes the following MSc Otolaryngology candidates whose theses were granted by the University in 2015 and 2016. The names of the successful eight individuals are: Dr. Yazeed Alghonaim, Dr. Moaid Rammal, Dr. Parisa Rashnoo, Dr. Aren Bezdjian, Dr. Joseph Rothstein, Dr. Isabel Cardona, Dr. Gregoire Morand, and Dr. Saoud Al-Romaih. The Department congratulates these students and offers its sincere thanks to their project supervisors.

It is my pleasure to collectively acknowledge our teaching staff for its enormous degree of scholarship and academic productivity during the past year. This productivity was officially conveyed to McGill University and was acknowledged by the Faculty of Medicine. The accomplishments include numerous invited lectureships and professorships at national and international gatherings. The research grants held by our Department in the year 2015 amounted to $21,024,920, an all-time record. Newly awarded research grants in the year 2015 totalled $10,329,921. The Departmental publications including books, chapters, peer-reviewed journal articles, conference proceedings, abstracts and media presentations in the year 2015 totalled 123 itemized citations. Specifically, I acknowledge the textbook published by Karen Kost and colleagues on the subject of geriatric otolaryngology. I acknowledge the Practical Guide to Vascular Anomalies published by Melanie Duval, and the chapter provided by Sabrina Wurzba in the textbook on Cancer Therapy. I would also acknowledge the prolific penmanship of Dr. Ted Tewfik, who once again wins the award for most first author publications in our Department. Let us now all Toast our Department!

Our Department continued its successful fundraising efforts in 2015 and 2016. Both of these events were driven by Jon Young with the theme of “The Voice”. In 2015, we honoured Mr. Ivan Velan and in 2016 the honourees were Maria and Vince Guzzo. The proceeds from these events were more modest from previous years but nevertheless significant funds were achieved to support our Departmental research endeavours. I would like to acknowledge both Dr. Richard Payne and Karen Kost for their involvement.

I would like to briefly mention the political atmosphere that surrounds our entire medical profession and our health care institutions. We are presently faced with a tightening of PREM and PEM positions, as dictated by the Minister of Health. Everyone is aware of the reorganization of health care sectors in the province into multiple CIUSSS organizations. This new political strategy is currently in flux and health care institutions are attempting to develop corridors of clinical service based on this new administrative restructuring. Certainly, this will affect the Faculty of Medicine and the educational strategy provided by each of its departments.

So this concludes my Chair’s Report. I have had a wonderful ride. Everyone is aware of the exciting imminent transition for our Department. I understand that negotiations with the presumptive individual are in the final stages and I do hope that the new Chair will be in place very shortly.

Respectfully submitted,

Dr. Saul Frenkkel, MD FRCSC
Residency Program Committee Report by Dr. John Manoukian

Resident Roster for 2016—2017

R1 Residents:
- Sarah Khalife
- David Chan Chun Kong
- Naif Fnais
- Mohammed AlNoury

R2 Residents:
- Emily Kay-Rivest
- Marco Mascarella
- Nourah Alyouha
- Abdulrahman Althubait

R3 Residents:
- Nathalie Gabra
- Azhra (Lina) Benamira
- Almoaidbellah Rammal
- Latifah Makoshi

R4 Residents:
- Laila Almasaoudi
- Maude C. Vaillancourt
- Cinzia Marchica
- Ahmed Alkhateeb

R5 Residents:
- Aziz Alrasheed
- Joe Saliba
- Michael Roskies
- Sarah Bouhabel

Resident Academic program

The academic program consisted of:
- Weekly Grand rounds (most grand rounds are broadcasted via the web)
- Academic weekly lectures (Fridays, 7—9 a.m.)
- Hospital and Tumor board rounds
- Four Journal Clubs (combined with grand rounds)
- Visiting Guest Speakers and Visiting Professors Program
- Numerous mini-seminars of half / full days using the Steinberg Centre for Simulation and Interactive Learning

The Grand Rounds and Lecture Series format is constantly improving, in accordance with Resident / Resident Program Committee (RPC) requests. These changes are coordinated by Dr. Mark Samaha/Dr. Keith Richardson on a two year cycle.

Congratulations to the following McGill residents who were successful in their Otolaryngology—Head & Neck Surgery Royal College Fellowship Exams in 2016:
- Dr. Amanda Fanous
- Dr. Carol Nhan
- Dr. Abdullah Albader
Residency Program Committee Report (Cont’d)

Special Resident Rotations:
The one month of community rotation in the Lakeshore General Hospital for the academic year will be continued in the future during the enrichment phase.
R1 residents in the surgical foundation year will rotate for one month in maxillofacial/trauma and surgical radiation oncology to meet the changes in the Canadian Otolaryngology Specialty requirement.
The Otology and Neurotology courses will be given again this year to the new R2 residents in August under the organization of Dr. Robert Sweet.

In 2016, we welcomed the following visiting Professors:
• The 18th Annual Raymer Family Lecture, held on April 7th, 2016 was presented by Dr. Eduardo Franco, James McGill Professor in the Departments of Oncology and Epidemiology & Biostatistics at McGill University. His lecture topic was “Promises and perils in eliminating papillomavirus-associated cancers worldwide.”
• The 13th Annual Melvin D. Schloss Pediatric Otolaryngology Lectureship / 10th Annual International Pediatric Otolaryngology Update, held on May 5, 2016, was presented by Dr. Dana Thompson, Head of Pediatric Otolaryngology at Ann & Robert H. Lurie Children’s Hospital of Chicago and Professor of Otolaryngology at Northwestern University. Her lecture was entitled “Evaluation and Management of Multilevel Upper Airway Obstruction in Children”. A second keynote speaker was Dr. George Zalzal whose talk was titled “Pitfalls in reconstructive airway surgery: what the experience and wisdom tell you.”
• The 24th Annual Resident Research Day / James D. Baxter Lectureship, held on May 26, 2016 was presented by Dr. John Yoo, Otolaryngology-Head and Neck Surgery, University of Western Ontario. His lecture was entitled “Deconstructing the Paralyzed Face”.

Group photo Raymer Family Lectureship 2016
Residency training courses and mini seminars offered in 2016:

- Facial plastics course on cadavers supervised by Dr. Mark Samaha held yearly at the SIM Centre.
- Facial plastics course supervised by Dr. Nabil Fanous on pig and other animal models, a two days course held yearly at the SIM Centre.
- Laryngology course supervised by Dr. Karen Kost held every other year. Attendance of residents is encouraged and is mandatory at least once in their 5 year residency program.
- International Pediatric Otolaryngology Update Course and Pediatric MD Schloss Lectureship organized by Dr. Sam Daniel is held every year.
- Endoscopic sinus surgery course (FESS) at the SIM Centre on cadavers – organized by Dr. Marc Tewfik and Dr. Mark Samaha held yearly.
- Basic multidisciplinary airway course organized by Dr. Lily Nguyen for Junior residents (R1-2) at the SIM Centre held every year. This course is for all McGill University PGY1 (80 residents from core surgery, internal medicine, otolaryngology, OB-GYN, anesthesia and electives for family medicine and other specialty residents).
- Advanced airway management course organized by Dr. Lily Nguyen at the SIM Centre for Senior residents (R4-5) held every other year.
- Interspecialty Crisis Resource Management Course (advanced airway) organized by Dr. Lily Nguyen for Senior residents (R4-5) held yearly at the SIM Centre. This course is for otolaryngology, anesthesia and emergency residents.
- Temporal bone dissection course organized by Dr. Sam Daniel for R2-4’s held yearly.
- Resident Research Day organized by Dr. John Manoukian for 1.5 days at the end of the academic year.
- 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 Sim Centre.
- 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.
- 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.
Fellowship Report by Dr Jamie Rappaport

Fellows for the 2015-2016 academic year:
- Dr. Rami Shoukrun (Head & Neck - Microvascular) – 2nd year
- Dr. Faisal Zawawi (Pediatrics)
- Dr. Humaid Al-Humaid (Rhinology/Skull base)
- Dr. Yehudah Schwartz (McGill Auditory Sciences Research Lab)

Fellows for the 2016-2017 academic year:
- Dr. Ilia Ianovski (Head and Neck & Microvascular Reconstructive Surgery)
- Dr. Mai Naytah (Laryngology)
- Dr. Yehuda Schwarz (Pediatrics)
- Dr. Tze Choong Charn (Rhinology/Skull base)

The Post-Graduate Office at McGill’s Medical School has formalized the process for creation and continuation of accredited fellowship programs at the University. These require evaluations of and by fellows for each fellowship program, as well as assurance by the Residency Training Committee that the fellowship is not impacting negatively on the training of residents. Positive reviews were submitted to the Associate Dean for all McGill Otolaryngology fellowships.

Undergraduate Education Report by Dr Jonathan Young & Dr Marc Tewfik

Canadian Conference on Undergraduate Medical Education in OTL-HNS

Dr. Richardson, one of our junior staff, participated in the 5th Canadian Conference on Undergraduate Medical Education in OTL-HNS in November 2015 at the Simulation Center in Calgary. The theme for this meeting was web-based and simulation-based learning for medical students. The attendance from Canadian medical schools across the country was excellent with almost every medical school represented. The conference was successful and fruitful.

Many important topics were covered. The database of medical student questions is nearly completed. Ear drilling simulation was on demo.

Attendees brainstormed ideas for the iLearn ENT app which received a $65,000 grant to take the app to the next level.

Close networking between schools allowed for sharing of ideas. McGill and other schools were praised for its extensive Med 1 ENT curriculum involvement.
Undergraduate Education report by Dr Jonathan Young & Dr Marc Tewfik (cont’d)

New Medical School Curriculum
This year marked the second year of the new medical school curriculum, in which Otolaryngology is the focus of 1 week of the Fundamentals of Medicine (formerly known as Basis of Medicine) block. The week of ENT teaching was given to the second year medical students between November 16 to 20, 2015.
- This consisted of 17 hours of lectures
  Thanks go to Drs Kost, Young, Rappaport, Mijovic, Mlynarek, Payne, Duval, Tewfik, Nguyen for lecturing.
- 1 small group session was also given as usual
- Participation in Anatomy Lab Demonstrations
- Feedback has been overwhelmingly positive this year

Transition to Clinical Practice (Formerly known as ICP)
- Students assigned to shadow to an OTL resident (2 week periods)
- Participation in Surgical Skills week at the Simulation Centre

Clerkship
- 2 hours of lectures in Surgery (down from 3 hours)
- 1 hour of lecture in Family Medicine (up from 0 hours)
- 1 hour of lecture in Pediatrics (up from 0 hours)
- Creation of online facial / temporal bone trauma case, currently being vetted
- Shadowing of students in 4 OTL clinics/week during Family Med rotation, divided between 3 sites (RVH, MCH, and JGH)
- Rotation objectives have been elaborated for both adult and pediatric sites
- Student learning will be facilitated by a new homework assignment
- Site directors are reminded to provide a brief orientation, mid-rotation and final evaluations for students; students can be asked to schedule these at orientation.
Miscellaneous
For the 2015 fiscal year we had the following number of elective students:

- 42 McGill medical students performed electives in OTL at McGill, most of them being surgical subspecialty elective students;
- 8 Canadian University medical students (Montreal, Sherbrooke, Laval, Calgary & the Military);
- 8 International medical students (England, Saudi Arabia, Singapore, Brazil);
- 18 Residents from other disciplines within McGill University;
- As of July 2015, there was an overlap in clerkship rotations between the old and new medical school curricula, which resulted in an increase in the number of clerkship students rotating though all services, including ENT. Priority was given to clerkship elective students, although an attempt was made to accommodate as many other elective students as possible.
- The agreed upon maximum number of students per site remains at 2 for the JGH, 2 at the MCH, and 3 at the Glen;
- Dr. Marc Tewfik and Dr. Jon Young were co-directors of the undergraduate committee, after Dr. Lily Nguyen stepped down on June 30th, 2015.

Enrichment Year/MSc Program report by Dr Bernard Segal

Report highlights

- In 2015, we had 28 residents, with 11 double-program (residents) and 17 regular master’s students (i.e., non-residents).
- Eight theses were submitted in 2015. Seven were accepted and granted in 2015, as follows: Dr Yazeed Alghonaim (former double-program resident), Dr Moaid Rammal, Dr Parisa Rashnoo, Dr Aren Bezdjian, Dr Joseph Rothstein, Dr Isobel Cardona and Dr Gregoire Morand. The eighth thesis was granted in 2016 to Dr Saud Al-Romaih (former double-program resident).
- Self-support funding attracted by students reached over $200,000.
- The Master’s program attracted 11 international students in 2015, and 9 in 2016 (to date) yielding international fees for McGill of about $200,000 and $165,000 respectively.
- Our new R3s started their enrichment year 6 months earlier in July 2015 at the start of their R3 year, rather than at the middle of their R3 year, in order to better report their findings at the Canadian meeting in the middle of their R4 year.
I. Enrichment Year Residents
A. R3 Residents (2015-16 Enrichment year Projects)
The enrichment year for the current R3 group (Laila Almasoudi, Maude Vaillancourt, Cinzia Marchica, Ahmed Alkhateeb) started their enrichment year earlier than in the past. Due to the potential overlap of their intensive research periods with the R4 residents, the intensive research period for R3 have been staggered over the 2015-2016, so that no more than 2 R3 residents are in the intensive research period at the same time. All have defined their projects. Two will enter the Double-program master’s.

**Resident:** Dr Ahmed Alkhateeb (Double-Program Master of Science)
**Project Title:** Mapping the Critical Period for Cross-Modal Plasticity in Rat Auditory System
**Supervisor(s):** Basic-Science: Dr. E de Villers-Sidani, Clinical: Dr. A Zeitouni
**Status:** Experiments underway

**Resident:** Dr Laila Almasoudi
**Project Title:** Perioperative serum biomarkers in OSA patients: A systematic review
**Supervisor(s):** Basic-Science: Dr. Bruce Mazer, Clinical: Drs. Manoukian, Nguyen, & Brown
**Status:** Literature review completed

**Resident:** Dr Cinzia Marchica
**Project Title:** Nasal Nitric Oxide level as a preoperative tool for Endoscopic Sinus Surgery
**Supervisor(s):** Basic-Science: Dr. Adam Shapiro, Clinical: Drs. L Nguyen, J Manoukian
**Status:** Project Definition

**Resident:** Dr Maude Campagna Vaillancourt (Double-Program Master of Science)
**Project Title:** How residents experience intra-operative error and recover from it
**Supervisor(s):** Basic-Science: Dr M Young, Clinical: Dr. L Nguyen
**Status:** Project defined, data collection starting

B. R4 Residents (2015 Enrichment year Projects)

**Resident:** Dr. Joe Saliba (Double-program Master of Science)
**Project Title:** Near-infrared spectroscopy functional neuroimaging of the auditory cortex during music stimulation in cochlear implant recipients
**Supervisor(s):** Basic-Science: Drs. Lehmann, Oghalai & Levitin, Clinical: Dr. Sam Daniel
**Status:** Experiments complete. Write up on-going

**Resident:** Dr Mike Roskies (Double-program Master of Science)
**Project Title:** Mandibular reconstruction by 3D printed PEEK/DBM scaffold & stem cells
**Supervisor(s):** Basic-Science: Dr. Tran, Clinical: Drs Hier
**Status:** Experiments complete. Analysis & write-up in progress

**Resident:** Dr Sarah Bouhabel (Double program Master of Science)
**Project Title:** Wound healing by tissue-engineered materials injected into injured vocal folds
**Supervisor(s):** Basic-Science: Drs Mongeau & Li, Clinical: Dr Kost
**Status:** Experiments complete. Analysis & write-up in progress

**Resident:** Dr Aziz Alrasheed (Double program Master of Science)
**Project Title:** Development & Validation of a 3D printed Osteomeatal-Frontal-Sinus Training Model for Endoscopic Sinus Surgery
**Supervisor(s):** Basic-Science: Drs Mongeau & Funnel, Clinical: Drs Tewfik & Nguyen
**Status:** Experiments complete. Analysis & write-up in progress
### C. R5 Residents (2014 Enrichment Year Projects)

<table>
<thead>
<tr>
<th>Resident</th>
<th>Project Title</th>
<th>Supervisor(s)</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Amanda Fanous</td>
<td>Botox and keloid use in improving outcomes following plastic surgery</td>
<td>Basic-Science: Dr. Sam Daniel; Clinical: Dr. Sam Daniel</td>
<td>Experiments completed; write-up in progress as time permits</td>
</tr>
<tr>
<td>Dr Carol Nhan</td>
<td>Use of probiotics to treat otitis media in chinchilla model</td>
<td>Basic-Science: Dr. Sam Daniel; Clinical: Dr. L Nguyen</td>
<td>Experiments completed; write-up in progress</td>
</tr>
<tr>
<td>Dr Abdullah Albader</td>
<td>Use of otoacoustic emissions in the diagnosis of otitis media with effusion</td>
<td>Basic-Science: Dr. Sam Daniel; Clinical: Dr. Sam Daniel</td>
<td>Enrichment year ended</td>
</tr>
<tr>
<td>Dr Majed Aldosari</td>
<td>Use of Incobotulinum toxinA in drooling patients</td>
<td>Basic-Science: Dr. Sam Daniel; Clinical: Dr. Sam Daniel</td>
<td>Enrichment year ended</td>
</tr>
</tbody>
</table>

### D. R5 Former Double-program Master's non-completed theses

<table>
<thead>
<tr>
<th>Resident</th>
<th>Project Title</th>
<th>Supervisor(s)</th>
<th>Sponsoring Research Lab</th>
<th>Collaborators</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Joseph Schwartz</td>
<td>Immuno-modulating capacities of bacteria in Chronic Rhinosinusitis</td>
<td>Basic-Science: Dr Joquin Madrenas; Clinical: Dr Martin Desrosiers</td>
<td>Dr Madrenas Lab, Dr Desrosiers Lab, Dr Cousineau Lab</td>
<td>Dr Benoit Cousineau</td>
<td>Thesis submission planned for 2016</td>
</tr>
<tr>
<td>Dr Rickul Varshney</td>
<td>Validation of rhinology high fidelity surgical simulator</td>
<td>Basic-Science: Dr. Rolando del Maestro; Clinical: Dr. Saul Frenkiel</td>
<td>Montreal Neurological Institute Simulation Center</td>
<td>Dr. Robert DiRaddo (National Research Council), Dr. Marc A. Tewfik, Dr Lily Nguyen</td>
<td>Thesis submission planned for 2016</td>
</tr>
<tr>
<td>Dr Faisal Zawawi</td>
<td>Daily Ingestion of Caffeine: Does It Impair The Hearing Recovery After Acoustic Trauma</td>
<td>Basic-Science: Dr. Sam Daniel; Clinical: Dr. Jamie Rappaport</td>
<td>McGill Auditory Sciences Laboratory</td>
<td></td>
<td>Thesis submission planned for 2016</td>
</tr>
<tr>
<td>Dr Tamara Mijovic</td>
<td>Natural statistics of head movements during daily life activities and their change in patients with vestibular dysfunction</td>
<td>Basic-Science: Dr. Kathy Cullen; Clinical: Dr. Anthony Zeitouni</td>
<td>Vestibular Neurophysiology Lab, McGill</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Enrichment Year/MSc Program report by Dr. Bernard Segal

Former Resident: Dr. Rania Ywakim (Double-program Masters)
Project Title: Salivary gland tissue engineering
Names of Supervisor(s): Basic-Science: Dr. Simon Tran   Clinical: Dr. Anthony Zeitouni
Status: Thesis drafts ongoing

Former Resident: Dr. Noah Sands (Double-program Masters)
Project Title: Motor nerve sparing during surgery aided by Methyl Blue staining
Names of Supervisor(s): Basic-Science: Dr Elis Cooper   Clinical: Dr. L Nguyen
Sponsoring Research Lab: Dr Cooper’s Lab in Dept Physiology
Status: Planning to submit thesis.

Former Resident: Dr. Valérie Côté (Double-program Masters)
Project Title: Validation of a Paediatric Reflux Finding Score and Questionnaire
Names of Supervisor(s): Basic-Science: Dr. J Kimoff, S Daniel   Clinical: Drs. J Manoukian;
Sponsoring Research Lab: MCH OTL & GI Clinics/MUHC Sleep Laboratory
Status: Unknown. Re-application required to submit thesis

Former Resident: Dr. Michael Chater (Double-program Masters)
Project Title: Rhino-sinusitis & genomics
Names of Supervisor(s): Basic-Science: Simon Rousseau   Clinical: Dr. Martin Desrosiers
Sponsoring Research Lab: Meakins Christie Lab
Status: Unknown; In time-limitation; re-instatement required to submit completed thesis

E. Theses accepted by former residents in Double-program master’s
Former Resident: Dr. Yazeed Alghonaim (Double-program Masters)
Project Title: In Vivo Study of a Novel Composite Hyaluronic Acid & Gelatin Hydrogel to Improve Healing of Vocal Fold Scars in a Rat Model
Names of Supervisor(s): Basic-Science: Dr Luc Mongeau;   Clinical: Dr. Sam Daniel
Sponsoring Research Lab: McGill Auditory Science Lab; Dr Mongeau’s Lab in Mechanical Engineering

Former Resident: Dr. Saud Al-Romaih (Double-program Masters)
Project Title: Adaptive immunity in CRS patients: CD8+ lymphocyte s & intraepithelial bacteria
Names of Supervisor(s): Basic-Science: Drs. Al Mot & Dr. Endam   Clinical: Dr. M. Desrosiers
Sponsoring Research Lab: Nasal Physiology Laboratory, CHUM Hotel Dieu
2. Master of Science Program
A. Master of Science (Otolaryngology) Double-program Students:

Resident: Dr. Amanda Fanous
Project Title: Botox and keloid use in improving outcomes following plastic surgery
Supervisor(s): Basic-Science: Dr. Sam Daniel  Clinical: Dr. Sam Daniel
Status: Intensive research period & experiments completed.

Resident: Dr. Carol Nhan
Project Title: Use of probiotics to treat otitis media in chinchilla model
Supervisor(s): Basic-Science: Dr. Sam Daniel  Clinical: Dr. L Nguyen
Status: Intensive research period & experiments completed

Resident: Dr. Joe Saliba
Project Title: Near-infrared spectroscopy functional neuroimaging of the auditory cortex during music stimulation in cochlear implant recipients
Supervisor(s): Basic-Science: Dr. Lehmann, Oghalai, Levitin  Clinical: Dr. Sam Daniel
Status: Experiments complete. Analysis & write-up in progress

Resident: Dr. Mike Roskies
Project Title: Mandibular reconstruction by 3D printed PEEK/DBM scaffold & stem cells
Supervisor(s): Basic-Science: Dr. Tran  Clinical: Drs Hier
Status: Experiments complete. Analysis & write-up in progress

Resident: Dr. Sarah Bouhabel
Project Title: Wound healing by tissue-engineered materials injected into injured vocal folds
Supervisor(s): Basic-Science: Drs Mongeau & Li  Clinical: Dr Kost
Status: Experiments complete. Analysis & write-up in progress

Resident: Dr Aziz Alrasheed
Project Title: Development & Validation of a 3D printed Ostiomeatal-Frontal-Sinus Training Model for Endoscopic Sinus Surgery
Supervisor(s): Basic-Science: Dr Mongeau & Funnel  Clinical: Drs Tewfik & Nguyen
Status: Experiments complete. Analysis & write-up in progress

Resident: Dr Ahmed Alkhateeb
Project Title: Mapping the Critical Period for Cross-Modal Plasticity in Rat Auditory System
Supervisor(s): Basic-Science: Dr. E de Villers-Sidani, Clinical: Dr. A Zeitouni
Status: Experiments underway

Resident: Dr Maude Campagna Vaillancourt
Project Title: How residents experience intra-operative error and recover from it
Supervisor(s): Basic-Science: Dr M Young  Clinical: Dr. L Nguyen
Status: Project defined, data collection starting
Enrichment Year/MSc Program report by Dr. Bernard Segal

B. Master of Otolaryngology non-resident Students (16 graduate students)

Student: Dr Nadir Emami
Project Title: Genetic predictors of hearing loss during chemotherapy for Cancer
Supervisor(s): Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Dr Parisa Rashnoo (Thesis accepted)
Project Title: Use of Botulinum -A or -B in treatment of drooling in children with neurological disorders
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Dr Nagi El-Sabbagh
Project title: National Clinical Trial on prevention of Platinum-induced ototoxicity
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Dr Moaid Rammal (Thesis accepted)
Project title: Innate immunity gene expression & response in chronic Rhinosinusitis patients with gram-positive & gram-negative infections
Supervisors: Basic-Science: Dr. S. Rousseau  Clinical: Dr. M Tewfik

Student: Joseph Rothstein (Thesis accepted)
Project title: Pharmaco-genomic Evaluation of Platinum-Induced Ototoxicity
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. Anne-Sophie Carret

Student: Dr Gregoire Morand (Thesis accepted)
Project title: Molecular profiling of metastatic non-medullary thyroid cancer for discovery of innovative prognostic and therapeutic biomarkers
Supervisors: Basic-Science: Dr. M Alaoui- Jamali  Clinical: Dr. M Hier

Student: Dr Isobel Cardona (Thesis accepted)
Project title: Effect of chronic Botox on salivary glands of children with sialorrhea: gland size, quality of life & histopathology
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Aren Bezdjian (Thesis accepted)
Project title: Synergistic Effect of Radiotherapy and Noise on Hearing Loss
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Dr Abdullah Ahmed Alarfaj (Thesis accepted)
Project title: Chronic effect of Botulin Toxin A injection on Gerbil salivary gland
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Dr Mohammed Alnoury
Project title: Efficacy of Botulin Toxin A injection under EMG guidance in Drooling children
Supervisor: Basic-Science: Dr. S. Daniel  Clinical: Dr. S. Daniel

Student: Ashley Mosseri
Project title: Multiple Botulin Toxin A treatments of drooling children monitored using ultrasound, quality of life & histology assessments.
Supervisor: Basic-Science: Dr, S. Daniel  Clinical: Dr. S. Daniel
Enrichment Year/MSc Program report by Dr. Bernard Segal

Student: Dr Naif Fnais
Project title: Differences in innate immunity gene expression & response to corticosteroids therapy between chronic rhinosinusitis patients with gram-positive & gram-negative infection.
Supervisor: Basic-Science: Dr. S. Rousseau  Clinical: Dr. M Tewfik

Student: Dr Mahmoud AlReefii
Project title: Three dimensional Septoplasty training model.
Supervisor: Basic-Science: Dr L Mongeau  Clinical: Drs. M Tewfik & L Nguyen

Student: Dr Iman Ibrahim
Project title: Assessment of Vestibular Function in hearing-loss & cochlear-implant patients.
Supervisor: Basic-Science: Dr A Lehman  Clinical: Dr A Zeitouni

Student: Dr Duha Ahmed
Project title: Perception of musical & vocal emotion through simulated cochlear implants
Supervisor: Basic-Science: Dr A Lehman  Clinical: Dr A Zeitouni

Student: Dr Yassen Abudureyimu
Project title: Genetic correlates of Cochlear implant patients
Supervisor: Basic-Science: Dr A Lehman  Clinical: Dr A Zeitouni

C. Master of Otolaryngology Graduated Former Residents (6 graduate students)

Resident: Dr. Tamara Mijovic
Project Title: Natural statistics of head movements during daily life activities and their change in patients with vestibular dysfunction.
Supervisor(s): Basic-Science: Dr. Kathy Cullen  Clinical: Dr. Anthony Zeitouni

Resident: Dr. Rania Ywakim
Project Title: Salivary gland tissue engineering
Supervisor(s): Basic-Science: Dr. Simon Tran  Clinical: Dr. Anthony Zeitouni

Former resident: Dr. Noah Sands
Project Title: Motor nerve sparing during surgery aided by Methyl Blue staining
Supervisor(s): Basic-Science: Dr Elis Cooper  Clinical: Dr. L Nguyen

Former resident: Dr. Saud Al-Romaih (Thesis accepted)
Project Title: Adaptive immunity in CRS patients: CD8+ lymphocyte s & intraepithelial bacteria
Supervisor(s): Basic-Science: Drs Al mot & Dr Endam  Clinical: Dr M Desrosiers

Former resident: Dr. Valérie Côté
Project Title: Validation of a Pediatric Reflux Finding Score and Questionnaire
Names of Supervisor(s): Basic-Science: Dr. J Kimoff  Clinical: Drs. J Manoukian; S Daniel

Former resident: Dr. Michael Chater
Project Title: Identification & Investigation of Genes Responsible for the Development of Chronic Rhinosinusitis Using Genomic Analysis
Supervisor(s): Basic-Science Dr Simon Rousseau  Clinical: Dr. M Desrosiers
Enrichment Year/MSc Program report by Dr. Bernard Segal

Theses granted in 2015

Student: Dr. Yazeed Alghonaim (Spring 2015 convocation) Former DP
Title: *In Vivo* Study of a Novel Composite Hyaluronic Acid & Gelatin Hydrogel to Improve Healing of Vocal Fold Scars in a Rat Model
Supervisors: Dr Luc Mongeau; Dr Sam Daniel

Student: Dr Parisa Rashnoo (Spring 2015 convocation)
Title: Use of Botulinum -A or -B in treatment of drooling in children with neurological disorders
Supervisor: Dr. S. Daniel

Student: Dr Moaid Rammal (Spring 2015 convocation)
Title: Innate immunity gene expression & response in chronic Rhinosinusitis patients with gram-positive & gram-negative infections
Supervisors: Dr. M Tewfik, Dr. S. Rousseau

Student: Dr. Joseph Rothstein (Fall 2015 convocation)
Title: Pharmaco-genomic Evaluation of Platinum-Induced Ototoxicity
Supervisor: Dr. S. Daniel, Dr. Anne-Sophie Carret

Student: Dr. Aren Bezdjian (Fall 2015 convocation)
Title: Synergistic Effect of Radiotherapy and Noise on Hearing Loss
Supervisor: Dr. S. Daniel

Student: Dr. Isobel Cardona (Fall 2015 convocation)
Title: Effect of chronic Botox on salivary glands of children with sialorrhea: gland size, quality of life & histopathology
Supervisor: Dr. S. Daniel

Student: Dr Gregoire Morand
Title: Molecular profiling of metastatic non-medullary thyroid cancer for discovery of innovative prognostic & therapeutic biomarkers
Supervisors: Dr. M Alaoui-Jamali; Dr. M Hier

Thesis submitted in 2015 & accepted in 2016

Student: Dr. Saud Al-Romaib (Former Double-program Masters), Spring 2016 Convocation
Title: Adaptive immunity in CRS patients: CD8+ lymphocyte s & intraepithelial bacteria
Supervisors: **Basic-Science**: Drs Al mot & Dr Endam  **Clinical**: Dr M Desrosiers
DEPARTMENT OF OTOLARYNGOLOGY - HEAD & NECK SURGERY
24th Annual Resident Research Day / James D. Baxter Lectureship

PROGRAM - THURSDAY, MAY 26, 2016
Location: Nurses Lounge Pavilion A 1st floor – JGH

10:00 am  Introduction
Dr. Saul Frenkel, Professor & Chairman, Dr. John Manoukian, Program Director, Moderator

10:05 am  "The McGill Thyroid Nodule Score Version 3: accounting for a benign FNA diagnosis"
Gordon B. Hua (Med 3)
Supervisor: Dr. Richard Payne

10:15 am  "Radiomics model from Volumetric MRI high order texture analysis for pretreatment stratification of patients with nasopharyngeal carcinoma"
Nagi El Sabbagh (Med 3)
Supervisor: Dr. Zeitouni

10:25 am  "McGill experience with potassium titanyl phosphate (KTP) laser done for laryngeal papilloma"
Dr. Almoaidbellah Rammal (PGY 2)
Supervisor: Dr. Young/Dr. Kost

10:35 am  "Out patient management for acute mastoiditis in kids"
Dr. Ahmed Alkhateeb (PGY 3)
Supervisor: Dr. Duval

10:45 am  Investigation of the wound healing properties of chitosan in vocal cord surgery: a multi-armed comparative animal model"
Dr. Sarah Bouhabel (PGY 4)
Supervisor: Drs. Kost, Mongeau, Li-Jessen

10:55 am  Questions and discussion – Coffee break

11:00 am  "Surgical Management Outcomes of Pediatric Vocal Cord Paralysis Secondary to Arnold Chiari Malformation"
Jenny Yu Qing Huang (Med 3)
Supervisor: Dr. Daniel

11:30 am  "Texture analysis as an adjunct for the identification of parathyroid adenomas on 4D-CT"
Dr. Nathalie Gabra (PGY 2)
Supervisor: Drs. Hier, Mlynarek, Black, Leventhal, Forghani
Annual Resident Research Day/James D. Baxter Lectureship (Cont’d)

11:40 am  “Perioperative serum biomarkers in OSA patients: systematic review”  
Dr. Laila Almasaoudi (PGY 3)  
Supervisor: Drs. Manoukian and Nguyen

11:50 am  "The Development and Initial Validation of a 3D Printed Simulator for Endoscopic Sinus Surgery Training”  
Dr. Abdulaziz Alrasheed (PGY 4)  
Supervisor: Drs. Tewfik, Nguyen, Funnell, Mongeau

12:00  Questions and discussion

12:30 pm  Lunch

1:15 pm  “Training junior residents in Endoscopic Sinus Surgery: Using a cognitive task analysis to develop a low-fidelity task trainer”  
Amar Bhindi (Med 2)  
Supervisor: Drs. Nguyen, Tewfik

1:25 pm  “Where should patients go after free-flap surgery? The comparative effectiveness of intensive care versus non-intensive care in the post-operative management of head and neck free flaps”  
Katrina Gong (Med 2)  
Supervisor: Drs. Mlynarek and Richardson

1:35 pm  “Efficacy of in office laryngeal biopsy using transnasal flexible laryngoscope”  
Dr. Latifah AlMakoshi (PGY 2)  
Supervisors: Dr. Young

1:45 pm  “Auditory cortical activity during cochlear-implant mediated perception of music using functional near-infrared spectroscopy”  
Dr. Joe Saliba (PGY 4)  
Supervisor: Drs. Lehmann, Daniel, Levitin, Dr. Oghalai (Stanford)

1:55 pm  Questions and discussion

2:15 pm  “Applying to a competitive residency program: What are medical students saying?”  
Neil Verma (Med 3)  
Supervisor: Dr. Nguyen

2:25 pm  “Mandibular Advancement Devices for Sleep Apnea: Can We Predict the Outcome?”  
Dr. Lina Zahra Benamira (PGY 2)  
Supervisor: Dr. Forest

2:35 pm  Predictors of Match Success in Otolaryngology Head and Neck Surgery: An Analysis of the Characteristics of Successful Applicants Based on National Resident Matching Program Data.”  
Dr. Cinzia Marchica (PGY3)  
Supervisors: Dr. Nguyen
Annual Resident Research Day/James D. Baxter Lectureship (Cont’d)

2:45 pm "Three-dimensionally Printed Scaffolds with Multipotent Mesenchymal Stromal Cells for Mandibular Tissue Engineering”
Dr. Michael Roskies (PGY 4)
Supervisors: Dr. M Hier and Dr. S Tran

2:55 pm Questions and discussion

3:15 pm PHOTO SESSION- Coffee break

3:55 pm Dr. John Yoo
James D. Baxter Lecturer
“Deconstructing the Paralyzed Face”

PROGRAM FRIDAY - MAY 27, 2016

Location: Nurses Lecture Hall. Pav A. 1st floor – JGH

Light breakfast will be served

8:00 am Dr. John Yoo
“The infraclavicular flap: a novel flap with broad applications for head and neck reconstruction”

8:30 -11:00 am Teaching rounds with residents
At the Resident Research Day Competition to complete the 2015-2016 academic year, the following prizes were awarded:

- William H. Novick Canmeds Resident Award sponsored by Dr. Joseph Chen was awarded to: Abdulaziz Alrasheed.
- The Martin J. Black Head and Neck Resident Research Award sponsored this year by Dr. Danny Enepekides was awarded to Dr. Abdulaziz Alrasheed.

The Grand Rounds Resident Awards:
- Junior Resident Awards: Dr. Cinzia Marchica, Dr. Nathalie Gabra, Dr. Lina Benamira
- Senior Resident Awards: Dr. Michael Roskies, Dr. Abdulaziz Alrasheed, Dr. Abdullah Albader

Best Resident Research Presentations:
- Medical Student Research: Dr. Marco Mascarella
- Junior Resident Research: Dr. Nathalie Gabra, Dr. Cinzia Marchica
- Senior Resident Research: Dr. Michael Roskies, Dr. Abdulaziz Alrasheed
- Melvin Mendelson Temporal Bone Drilling Award: Ahmed Alkhateeb, Cinzia Marchica
- Best Student Presentation: Dr. Nagi El Sabbagh

- McGill Head and Neck Facial Reconstruction Award: Dr. Michael Roskies
CME REPORT DEPARTMENT OF OTOLARYNGOLOGY – HEAD & NECK SURGERY
McGill UNIVERSITY | 2015-16 |

• 20th Annual McGill University Update in Otolaryngology - Head & Neck Surgery (Course directors: Drs. K. Kost, J. Rappaport)

COURSE PROGRAM
Fairmont Tremblant Hotel, Mont Tremblant, Quebec
Mail III and IV Meeting Rooms

FRIDAY MARCH 18th

6:45 am • Continental breakfast
7:00 am • Welcome - Chairmen - Dr. S. Freirol
Co-Directors - Dr. R. Kost, Dr. J. Rappaport

PEdiATriC OTOLaryngology
Moderator: Dr. Helen Latif

7:15 – 8:00 am • Invited guest speaker
Dr. Jon Philips Yscari – University of Ottawa
Topic: “Pediatric Otology: to Image, or not to Image?”
8:00 – 8:10 am • Question Period
8:10 – 8:30 am • “Morning Stretch”
3:00 – 3:30 pm • Topic: “Pediatric OTR, infections”
Case presentations (paediatric discussion)
Panels: Dr. M. Husein, Dr. C. Kutsarova, Dr. J. Rappaport

3:45 pm • Après-ski Break

LARYNGOLOGY
Moderator: Dr. Karen Kost

4:00 – 4:20 pm • Invited guest speaker
Dr. David Billing – University of Pittsburgh
Topic: “Peroral Aspiration and the Difficult Airway”

4:30 – 5:00 pm • Question Period

4:30 – 4:45 pm • Coffee & Tea

4:45 – 5:00 pm • Topic: “Managing the difficult airway”
Case presentations (paediatric discussion)
Panels: Dr. M. Ange, M.A. Beall, Dr. D. Billing, Dr. M. Husein, Dr. J. Rappaport

SPECIAL PROGRAM NOTE:
“Sugar Shack” Themed Welcome/Welcome Cocktail Reception
7:00 – 9:30 pm
Come enjoy a hearty warming evening at our themed cocktail reception! Bar & Food - All are welcome!
Bring your own camera lenses!

KIDS’ CORNER:
Bring the kids for fun & fun! Movies for children and teens will be shown during the cocktail reception.

SATURDAY MARCH 19th

7:00 am • Continental Breakfast

FA CiAL, PlAS TICS/ RHINOLOGY SESSION
Moderator: Dr. Mark Semina

7:15 – 7:45 am • Live Demonstration
Dr. Frank Senach – McGill University
Topic: “Neurovascular and Filler Injections”

7:45 – 8:10 am • Invited guest speaker
Dr. Andrea Garicovius – University of Toronto
Topic: “The Social Consequences of Beauty”

8:10 – 8:30 am • Question Period

8:30 – 8:45 am • “Morning Stretch”

Case presentations (paediatric discussion)
Panels: Dr. K. Awari, D. V. A. Ganzew, D. V. A. Nahal

3:45 pm • Après-ski Break

OTOLARYNGOLOGY
Moderator: Dr. J. Rappaport

4:00 – 4:40 pm • Invited guest speaker
Dr. Manish Bhand – Dalhousie University
Topic: “Pediatric Ventilation”

4:40 – 5:00 pm • Coffee & Tea

5:00 – 5:30 pm • Question Period

5:30 – 6:10 pm • Topic: “Evaluation and Management of the Cleft Patient”
Case presentations (paediatric discussion)
Panels: Dr. M. Kala, Dr. J. Rappaport, Dr. M. Ramesh, Dr. S. Rana

SPECIAL PROGRAM NOTE:
Special 30th Anniversary Banquet & Banquet Event as of 7pm in the Mail I I II

** BE SURE TO RESERVE AT THE HULL HOSPITALITY DESK
** IF YOU HAVE NOT RESERVED LIMITED SEATING
Tickets for companions and children are available in limited supplies. Last call for tickets tomorrow at the hospitality desk. Book early!

KIDS’ CORNER:
Arts & Crafts Activities and a Special Buffet for the Kids!
Main Room for Teens & Pre-Teens

SUNDAY MARCH 20th

7:00 am • Continental Breakfast

GENERAL OTOLARYNGOLOGY/ SPECIAL INTEREST SESSION
Moderator: Dr. J. Rappaport & Dr. K. Kost

7:15 – 8:00 am • Invited guest speaker
Dr. Sandy Kaner – Programme d’aide aux ménages au Québec
Topic: “Physician wellness”

8:00 – 8:15 am • Question Period

8:15 – 9:15 am • Topic: “Establishing priorities and making tough choices: what’s best for you?”
Case presentations (paediatric discussion)
Panels: D. V. A. Ganzew, D. V. A. Nahal

9:30 – 10:30 am • Invited guest speakers
Celebrating our Nurses (past, present & future)
Topic: “Highlights of the Achievement of the ENTORL Field in the Past 20 Years”

10:30 – 10:45 am • Closure of Meeting

The 10th Annual International Pediatric Otolaryngology Update
(Course Director: Dr. Sam Daniel)
10th Annual International Pediatric Otolaryngology Update
Montreal, Quebec
May 05 2016
(With optional pre-conference May 04)

Keynote Speakers

13th Annual Melvin D. Schloss Lecturer:
Dr Dana Thompson

6th Annual McGill Otolaryngology Sciences Laboratory Lecturer:
Dr Robert O'Reilly

Royal College Speaker:
Dr George Zalzal

Conference Organizer
Dr Sam J Daniel

Program Co-Chairs
Dr Matt Bromwich, Dr Sam J Daniel, Dr Hamdy El-Hakim
Anti-Tobacco Day led by Sabrina Wurzba
May 30, 2016

World No Tobacco Day - 2016

Public Lectureship Thyroid team
22nd Annual McGill Head & Neck Cancer Fundraising Event honouring Maria and Vincenzo Guzzo
at Le Richmond in Montreal on May 11th, 2016
## Upcoming Events

<table>
<thead>
<tr>
<th>Event</th>
<th>Location</th>
<th>Date</th>
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</thead>
<tbody>
<tr>
<td>ASSOC ORL du Quebec Annual Meeting</td>
<td>Château Frontenac, Montréal, QC</td>
<td>October 28-30th, 2016</td>
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<tr>
<td>Advanced Airway Course</td>
<td>Arnold &amp; Blema Steinberg Medical Simulation Centre</td>
<td>November 21-22, 2016</td>
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<tr>
<td>20th Annual McGill University Update in Otolaryngology - Head and Neck Surgery -</td>
<td>Mont Tremblant, QC</td>
<td>March 17—19, 2017</td>
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<tr>
<td>CSO-HNS 71st Annual Meeting</td>
<td>TCU Place, Saskatoon, SK</td>
<td>June 10, 2017</td>
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<tr>
<td>NORTH AMERICAN MASTERCLASS IN ENDOSCOPIC SINUS SURGERY &amp;</td>
<td>McGill University, Montreal, QC</td>
<td>September 4-7, 2017</td>
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<tr>
<td>North American Masterclass in Endoscopic Management of</td>
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Keep in Touch

If any staff, residents, or alumni have newsworthy items they would like to include, please convey the information to the administrative coordinator in the department.

Items could include Honours and Awards, Research Grants, Presentations and Publications. We would also be interested in hearing about events in your personal life. Let’s talk soon.

Contact:

Administrative Coordinator & Graduate Program Coordinator
Department of Otolaryngology – Head & Neck Surgery | McGill University
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T. (514) 340-8222 ext: 3179 | F. (514) 340-7934 |
E. otl-gradadmin.med@mcgill.ca

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Department of Otolaryngology - Head & Neck Surgery
McGill University - Faculty of Medicine

Phone: (514) 340-8222 — Ext: 3179 (Jewish General Hospital) - Christine
Or
(514) 934-1934 — Ext: 32820 (Royal Victoria Hospital) - Maria

Fax: (514) 843-1403 (RVH) or (514) 340-7581 (JGH)

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For More Information

We’re on the Web!
Visit Us at: www.mcgill.ca/ent

Email: otl-gradadmin.med@mcgill.ca