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

I am pleased to offer you my greetings and send you some good news. Despite our present climate of physical and fiscal constraints, government cut backs and tight budgets, our University Department continues to flourish clinically and academically. Let me provide you with some concrete data:

The total research grant money held by member of our University staff in the year 2014 totaled $11,804,823. New research money granted in the year 2014 totaled $4,478,401. The number of MSc student enrolled in the Otolaryngology post graduate program in 2014 numbered a total of 30. For your information in 2012, this number totaled 15. Departmental publications in the calendar year 2014 totaled 125 citations which included peer reviewed articles, text book chapters and electronic manuscripts. Dr Ted Tewfik should be acknowledged as the most significant contributor to this list.

I also acknowledge the members of our teaching and resident staff who have received honors and special recognition for their academic contributions in the past year. Specifically, I would like to highlight the following individuals:

- Dr Martin Black was presented the Life Time Achievement Award by the CSOHNS at this years annual scientific meeting in Winnipeg.
- The Canadian Society also recognized Dr Michael Roskies with the first clinical prize in the Poliquin Resident Competition for the following paper: 3-Phase Dual –energy CT Scan as a Feasible Salvage Imaging Modality for the Identification of Non -localizing Parathyroid Adenomas: A Prospective Study. This represents a prestigious award for McGill University and our Department offers its congratulations not only to Michael Roskies but also to the staff supervisors of the research, X.Liu, M. Levental, A. Mlynarek, R. J. Payne, M. P. Hier, R. Forghani.
- Dr Carol Nahn received second place for her poster presentation titled “Safety of Transtympanic Application of Probiotics: An Animal model” at the American Society of Pediatric Otolaryngology (ASPO) Meeting in Boston. The project was supervised by Dr Sam Daniel.
- Dr Lily Nguyen was named to the Faculty of Medicine Honor List in recognition of her exceptional contributions to education at McGill.

I am thrilled to welcome the following new additions to our growing Departmental staff.

- Dr. Luc Monette, Faculty lecturer, CAS part time—Gatineau Campus
- Dr. Keith Richardson, Assistant Professor, CAS full time— Head and Neck Surgery / Microvascular Recon.
- Dr. Melanie Duval, Assistant Professor, CAS full time— Pediatric Otolaryngology
- Dr. Sabrina Daniela Wurzba, Assistant Professor, Head and Neck Cancer Research, full time
- Dr. Nicole Yee Key Li, Associate Member - Laryngology and Dysphagia Research
- Dr. Tamara Mijovic, Assistant Professor, CAS full time - Neuro-otology
The 21st annual McGill Head and Neck Cancer Fund event was held on May 7 2015 at Le Windsor. The Gala evening honored Mr Ivan Velan and the theme of the event was “Celebrating the Voice”. It featured the singing talents of members of the Montreal community and the celebrity judges included Debra Margles, President of Michael Kors, Andy Nulman, Just For Laughs Co-Founder, Sandra Rinaldi, Chief of Publicity for Evenko, and professional singer, Jonas. The musical Director was Paul Chacra and the evening was MC’d by Freeway Frank and Natasha from Virgin Radio. Most importantly, this evening Gala netted over $400,000 to benefit Head and Neck Cancer Research at McGill University and its affiliated Hospitals. I offer my congratulations to Dr Karen Kost and Richard Payne who served as Committee Co-Chairs and mostly to Dr Jonathan Young who conceived the event and drove the process towards its enormous success.

All these stellar achievements serve to overshadow the issue of clinical transition to our new hospital teaching site, the MUHC Glen campus. Our Department effectively amalgamated our MGH and RVH operations into one unified clinical department. It has not been an easy process and we are currently experiencing a number of operational glitches. However I am extremely optimistic that it is only a matter of time until we feel comfortable in our new surroundings.

Politically, Bill-10 and the upcoming Bill-20 may affect us all in our clinical practice. It is likely that hospital based services tightened with respect to volumes and progression towards tertiary and quaternary services. Already, PEM positions have been reduced at the MUHC for all departments. The newly formed administrative structures known as CIUSSS’s will dictate the need for future negotiated clinical corridors. This will also apply to our teaching program with respect to community based rotations.

In conclusion, I would like to acknowledge our University staff for their hard work and dedication as members of the McGill Faculty of Medicine. Specifically, our Department acknowledges Bernie Segal, Director of Research; John Manoukian, Residency Program Director; Lily Nguyen and Mark Tewfik, Undergraduate Program Co-Directors. Lily is stepping down in this capacity and the Department thanks her for her important contributions. I acknowledge and thank the hospital site directors, Karen Kost (MGH), Anthony Zeitouni (RVH), Michael Hier (JGH) and Sam Daniel (MCH) for helping the clinical program run so smoothly.

My warmest gratitude is extended to each one of you for your friendship and collegiality. There is currently a search committee in place to appoint my successor. I could tell you all without hesitation that I look forward to this exciting transition and to the new momentum that the next Chief will offer our Department.

Dr. Saul Frenkiel, MD FRCSC
Residents and Fellows Roster

The McGill Otolaryngology Residency Training program for 2014 was very strong and healthy with a total of 20 residents and with 5 fellows.

The 2014 year our department welcomed 4 new incoming R1 residents to the program:

- Emily Kay-Rivest (McGill University) - CaRMS
- Marco Mascarella (McGill University) - CaRMS
- Nourah Alyouha (Kuwait) - IMG match
- Abdulrahman Althubait (Riyadh, SA) – IMG match

Moving from R1 (fundamental core surgery) to R2 are 4 residents:

- Nathalie Gabra (University of Montreal) - CaRMS
- Zahra Benamira (University of Montreal) - CaRMS
- Almoaidbellah Rammal (SA) - IMG match
- Latifah Makoshi (SA) – IMG match

The five fellows for this academic year:

- Laryngology: Dr. Hamoud Alarouj
- Head and Neck: Dr. Remi Shoukrun
- Head & neck cutaneous malignancy/facial reconstruction: Dr. Rania Ywakim
- Pediatrics: Dr. Namrata Varma
- Rhinology/Skull base: Dr. Susan Edionwe.

Resident Academic program

The academic program consisted of:

- Weekly Grand rounds (most grand rounds was broadcasted via the web)
- Academic weekly lectures (Monday, Friday am 7-9)
- Hospital and Tumor board rounds
- Four Journal Clubs (combined with grand rounds)
- Visiting Guest Speakers and Visiting Professors Program
- The numerous mini-seminars of half and full days using McGill Simulation center

The grand rounds and lecture series format is in constant change for the better as per resident and Resident Program Committee (RPC) request. These changes are coordinated by Dr. Mark Samaha on a two year cycle.

Residents Examinations

There were 3 McGill and 1 Canadian in training written exams as well as 2 oral exams coordinated by Dr. Anthony Zeitouni in order to assist residents towards the Royal College Certificate exam in the R5 level.

There were 5 McGill residents in 2014 that sat for Royal college exam. They all passed successfully. They are Dr. Alghonaim Yazeed, Ali Yassen, Alipasha Rassouli, Mijovic Tamara and Ywakim Rania. In 2015 the 3 residents Rickul Varshney, Joseph Schwartz, and Faisal Zawawi were each successful at the Exams.
Special Resident’s Rotations:
The one month of community rotation in the Lakeshore General Hospital for the academic year was successful as per resident, and will be continued in the future during the enrichment academic year.
R1 resident 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
New rotations for residents will be arranged for Otology and Rhinology cases at three peripheral hospitals. These are the Lachine General, Lakeshore General, LaSalle and Verdun Hospitals.

There was 5 Visiting Guest Speakers for our Visiting Professors Program, those were:

- The 16th Annual Raymer Family Lecture, held on April 24th, 2014 was presented by Dr. Lee M. Akst MD, director Johns Hopkins Voice Center, Baltimore MD. His lecture topic was “Laryngeal Physiology for the Office and OR”
- The 11th Annual Melvin D. Schloss Pediatric Otolaryngology Lectureship, held on May 5, 2014 was presented by Dr. Adam M. Klein, Associate Professor of Otolaryngology-Head and Neck surgery, Emory Medical University, Atlanta Georgia. His lecture was “Challenges in the Management of Pediatric Voice Disorders”
- The 22nd Annual Resident Research Day / James D. Baxter Lectureship, held on May 8, 2014 was presented by Dr. Donald Leopold, Professor of Otorhinolaryngology-Head and Neck Surgery, University of Vermont, Burlington Vermont. His lecture was “Knowing Normal Nasal Airflow”
- The 72nd Annual Birkett Memorial Lectureship, held on November 20, 2014 was presented by Dr. Frank Lin, Associate Professor of OTL-HNS Geriatric Medicine, John Hopkins. His lecture was “Hearing Loss in Older adults: A public health perspective”
- The 19th Annual McNally Lectureship, held on November 16, 2014 was presented by Dr. Etienne de Villers-Sidani from MNI/McGill. His lecture was on “Role of neuroplasticity in the emergence and remediation of age-related hearing impairments”
There were also numerous (14) mini-seminars of half and full days throughout the year which were highly appreciated by the residents. The courses are mandatory for all residents to attend except for the courses with specific resident’s level requirement. Our department uses effectively the McGill Simulation Center for our academic resident teaching activities.

- **Facial plastic course on cadavers supervised by Dr. Mark Samaha** held yearly at the SIM center.
- **Facial plastic course supervised by Dr. Nabil Fanous** on pig and other animal models, a two days course held yearly at the SIM center.
- **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 Lecture-ship organized by Dr. Sam Daniel** is held every year.
- **Endoscopic sinus surgery course (FESS) at the SIM center on cadavers – organized by Dr. Mark Tewfik and Dr. Marc Samaha** held yearly.
- **Basic multidisciplinary airway course organized by Dr. Lily Nguyen for Junior residents (R1-2)** at the SIM center 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 center 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 center. 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 Simulation 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.
- **Endoscopic Middle ear course (Cadaveric) in Sim Center organized by Dr Anthony Zeitouni for senior residents**
Fellowships for 2014-2015 academic year:

- Dr. Hamoud Alarouj (Laryngology)
- Dr. Remi Shoukrun (Head & Neck)
- Dr. Rania Ywakim (Head & Neck Cutaneous Malignancy & Facial Reconstruction)
- Dr. Namrata Varma (Pediatrics)
- Dr. Susan Edionwe (Rhinology/Skull base)
- Dr. Farid Ibrahim (McGill Auditory Sciences Research Lab)

Incoming fellows for the 2015-2016 academic year are:

- Dr. Remi 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)

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 (Laryngology Fellowship was re-approved last year).

Undergraduate Education Report by Dr Lily Nguyen & Dr Marc Tewfik

Canadian Conference on Undergraduate Medical Education in OTL-HNS

- McGill hosted the 4th Canadian Conference on Undergraduate Medical Education in OTL-HNS on November 8th, 2014, at the Simulation Center. 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 (46 registered), and the conference was successful and fruitful.
- Guest speakers included Joyce Pickering, Beth-Ann Cummings and Farhan Bhanji.
- Among the many topics covered were inter-university collaborations were the creation of a national bank of exam questions as well as a database of teaching cases to be incorporated into an educational App (iLearn ENT); our department has been and continues to be an active contributor to these initiatives.
- iLearnENT secured a 65k unrestricted grant to further develop it.
Undergraduate Education report by Dr Lily Nguyen & Dr Marc Tewfik

New Medical School Curriculum

The new medical school curriculum has come into effect and Otolaryngology has been the focus of 1 week of the Fundamentals of Medicine (formerly known as Basis of Medicine) block.

- The first full week of ENT teaching was given to the second year medical students between November 17 and 21, 2014.
  - This consisted of 17 hours of lectures
    - Thanks to Drs Kost, Young, Rappaport, Zeitouni, Mlynarek, Payne, Lacroix, Tewfik, Nguyen for being the first group of lecturers.
  - 1 small group session was also given as usual
  - Participation in Anatomy Lab Demonstrations
  - Feedback has been overwhelmingly positive and we are currently making some changes to next year’s lectures based on this feedback.

Transitions 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 center
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
- As of July 2015, there will be an overlap in clerkship rotations between the old and new medical school curricula, meaning an increase in the number of clerkship students rotating though all services, including ENT; priority will be given to clerkship selective students before accepting elective students, but we will still try to accommodate as many as possible.
- Agreed upon maximum number of students per site = 2 at JGH, 2 at MCH, and 3 at Glen.

Enrichment Year/MSc Program report by Dr Bernard Segal

Report highlights
- Our Master’s Program continues to grow. Over the last 2 years, it has doubled in size (from 15 to 30 students), with the number of regular master’s students (i.e., non-residents) becoming 4 times as large (4 to 16 students).
- Self-support funding attracted by students reached over $300,000
- The Master’s program attracted 8 international students in 2014, and 12 in 2015 to date, yielding international fees for McGill of about $145,000 and $215,000 respectively
- Although no theses were granted in 2014, three were granted at the June 2015 convocation, and at least 4 theses will be granted at the fall 2015 convocation.
- Theses granted at June 2015 convocation were by Dr Yazeed Alghonaim (former double-program resident), Dr Moaid Rammal & Dr Parisa Rashnoo. Theses that will be granted at the Fall 2015 convocation will include those of Aren Bezdjian, Joey Rothstein & Dr Isabel Cordona.
- Our new R3s will start 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 to better report their findings at the Canadian meeting at the middle their R4 year
Enrichment Year/MSc Program report by Dr Bernard Segal

1. Enrichment Year Residents

A. R2 Residents (2015-16 Enrichment year Projects)

The enrichment year for the current R2 group (Laila Almasoudi, Maude Vaillancourt, Cinzia Marchica, Ahmed Alkhateeb) will be starting their enrichment year earlier than in the past – at the start of their R3 year in July 2015. All are defining their projects, pending approval. One will enter the Double-program master’s.

Resident: Dr Ahmed Alkhateeb (Double-Program Master of Science expected)
Project Title: Modelling auditory plasticity in Rat
Supervisor(s): Basic-Science: Dr. E de Villers-Sidani, Clinical: Dr. A Zeitouni
Status: Defining project (ethics already obtained)

Resident: Dr Laila Almasaoudi
Project Title: Serum biomarkers for obstructive sleep apnea in children
Supervisor(s): Basic-Science: Dr. Brouillette Clinical: Dr. J Manoukian; Dr.. L Nguyen
Status: Refining Protocol & obtaining ethics

Resident: Dr Cinzia Marchica
Project Title: Nasal nitric oxide in its use in predicting need for FESS in sinusitis
Supervisor(s): Basic-Science: Unknown Clinical: Drs. L Nguyen, J Manoukian, & A Shapiro
Status: Project Definition

Resident: Dr Maude Campagna Vaillancourt
Project Title: The myth of the infallible surgeon: Resident recovery from Errors
Supervisor(s): Basic-Science: Unknown Clinical: Dr. L Nguyen
Status: Defining project

B. R3 Residents (2015 Enrichment year Projects)

Resident: Dr. Joe Saliba (Double-program Master of Science)
Project Title: Near-infrared spectroscopy of the auditory cortex during speech & music
Supervisor(s): Basic-Science: Dr. Lehmann & Oghalai Clinical: Dr. Sam Daniel
Status: Defining protocol before leaving for Stanford University

Resident: Dr Mike Roskies (Double-program Master of Science)
Project Title: Stem cell growth on 3D printed scaffolding
Supervisor(s): Basic-Science: Dr. Tran Clinical: Drs Hier & Mlynarek
Status: Project defined; experiments and analysis in progress

Resident: Dr Sarah Bouhabel (Double program Master’s)
Project Title: Improving impaired vocal cord function using injectables
Supervisor(s): Basic-Science: Drs Mongeau & Li Clinical: Dr Kost
Status: Project definition

Resident: Dr Aziz Alrasheed (Double program Master’s)
Project Title: 3D printed Frontal Sinus Training Model for Endoscopic Sinus Surgery
Supervisor(s): Basic-Science: Dr Mongeau Clinical: Drs Tewfik & Nguyen
Status: Project defined

C. R4 Residents (2014 Enrichment year Projects)

Resident: Dr Amanda Fanous (Double-program Master of Science)
Project Title: Botox and keloid use in improving outcomes following plastic surgery
Supervisor(s): Basic-Science: Dr. Sam Daniel Clinical: Dr. Sam Daniel
Status: Experiments completed; write-up in progress

Resident: Dr Carol Nhan (Double-program Master of Science)
Project Title: Use of probiotics to treat otitis media in chinchilla model
Supervisor(s): Basic-Science: Dr. Sam Daniel Clinical: Dr. L Nguyen
Status: Experiments completed; write-up in progress

Resident: Dr Abdullah Albader
Project Title: Use of otoacoustic emissions in the diagnosis of otitis media with effusion
Supervisor(s): Basic-Science: Dr. Sam Daniel Clinical: Dr. Sam Daniel
Status: Enrichment year ended
Resident: Dr Majed Aldosari
Project Title: Use of Incobotulinum toxinA in drooling patients
Supervisor(s): Basic-Science: Dr. Sam Daniel   Clinical: Dr. Sam Daniel
Status: Enrichment year ended

D. R5 Residents 2013 Enrichment year Projects

Resident: Dr Joseph Schwartz (Double-program Master of Science)
Project Title: Immuno-modulating capacities of bacteria in Chronic Rhinosinusitis
Names of Supervisor(s): Basic-Science: Dr Joquin Madrenas;   Clinical: Dr Martin Desrosiers
Sponsoring Research Lab: Dr Madrenas Lab, Dr Desrosiers Lab, Dr Cousineau Lab
Collaborators: Dr Benoit Cousineau
Status: Enrichment year ended, with thesis write-up in progress as time permits

Resident: Dr Rickul Varshney (Double-program Master’s program)
Project Title: Daily Ingestion of Caffeine: Does It Impair The Hearing Recovery After Acoustic Trauma?
Names of Supervisor(s): Basic-Science: Dr. Sam Daniel   Clinical: Dr. Jamie Rappaport
Sponsoring Research Lab: McGill Auditory Sciences Laboratory
Collaborators: none
Status: Enrichment year ended, with thesis write-up in progress as time permits

Resident: Dr Faisal Zawawi (Double-program Master’s program)
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
Status: Thesis drafts ongoing

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
Status: Thesis drafts ongoing

F. Former Double-program master’s non-completed theses (5 likely to submit thesis)

Former Resident: Dr. Rania Ywakim (Double-program Masters)
Project Title: Natural statistics of head movements during daily life activities and their change in patients with vestibular dysfunction.
Names of Supervisor(s): Basic-Science: Dr. Kathy Cullen   Clinical: Dr. Anthony Zeitouni
Sponsoring Research Lab: Vestibular Neurophysiology Lab, McGill
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. Saud Al-Romaith (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
Status: Planning to submit thesis.
Enrichment Year/MSc Program report by Dr. Bernard Segal

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 req. to submit completed thesis

2. Master of Science Program
A. Master of Science (Otolaryngology) Double-program Students: 9 current residents

Resident: Dr Joseph Schwartz
Project Title: Immuno-modulating capacities of bacteria in Chronic Rhinosinusitis
Supervisor(s): Basic-Science: Dr Joquin Madrenas; Clinical: Dr Martin Desrosiers

Resident: Dr Rickul Varshney
Project Title: Validation of rhinology high fidelity surgical simulator
Supervisor(s): Basic-Science: Dr. Rolando del Maestro Clinical: Dr. Marc A. Tewfik, Dr Lily Nguyen, Dr. Saul Frenkiel

Resident: Dr Faisal Zawawi
Project Title: Daily Ingestion of Caffeine: Does It Impair The Hearing Recovery After Acoustic Trauma?
Supervisor(s): Basic-Science: Dr. Sam Daniel Clinical: Dr. Jamie Rappaport

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 of the auditory cortex during speech & music
Supervisor(s): Basic-Science: Dr. Lehmann & Oghalai Clinical: Dr. Sam Daniel
Status: Defining protocol before leaving for Stanford University

Resident: Dr Mike Roskies
Project Title: Stem cell growth on 3D printed scaffolding
Supervisor(s): Basic-Science: Dr. Tran Clinical: Drs Hier & Mlynarek
Status: Project defined & preliminary experiments in progress

Resident: Dr Sarah Bouhabel
Project Title: Improving impaired vocal cord function using injectables
Supervisor(s): Basic-Science: Drs Mongeau & Li Clinical: Dr Kost
Status: Project definition

Resident: Dr Aziz Alrasheed
Project Title: 3D printed Frontal Sinus Training Model for Endoscopic Sinus Surgery
Supervisor(s): Basic-Science: Dr Mongeau Clinical: Drs Tewfik & Nguyen
Status: Project defined

Resident: Dr Ahmed Alkhateeb
Project Title: Developmental plasticity in the auditory system
Supervisor(s): Basic-Science: Dr. E de Villers-Sidani, Clinical: Dr. A Zeitouni
Status: Defining project (ethics already obtained)
<table>
<thead>
<tr>
<th>Student</th>
<th>Project Title</th>
<th>Supervisor(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Nadir Emami</td>
<td>Genetic predictors of hearing loss during chemotherapy for Cancer</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
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<tr>
<td>Dr Parisa Rashno</td>
<td>Use of Botulinum -A or -B in treatment of drooling in children with neurological disorders</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
</tr>
<tr>
<td>Dr Nagi El-Sabbagh</td>
<td>National Clinical Trial on prevention of Platinum-induced ototoxicity</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
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<tr>
<td>Dr Moaid Rammal</td>
<td>Innate immunity gene expression &amp; response in chronic Rhinosinusitis patients with gram-positive &amp; gram-negative infections</td>
<td>Basic-Science: Dr. S. Rousseau Clinical: Dr. M Tewfik</td>
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<tr>
<td>Joseph Rothstein</td>
<td>Pharmaco-genomic Evaluation of Platinum-Induced Ototoxicity</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. Anne-Sophie Carret</td>
</tr>
<tr>
<td>Dr Gregoire Morand</td>
<td>Molecular profiling of metastatic non-medullary thyroid cancer for discovery of innovative prognostic and therapeutic biomarkers</td>
<td>Basic-Science: Dr. M Alaoui-Jamali Clinical: Dr. M Hier</td>
</tr>
<tr>
<td>Dr Isobel Cardona</td>
<td>Effect of chronic Botox on salivary glands of children with sialorrhea: gland size, quality of life &amp; histopathology</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
</tr>
<tr>
<td>Aren Bezdjian</td>
<td>Synergistic Effect of Radiotherapy and Noise on Hearing Loss</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
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<tr>
<td>Dr Abdullah Ahmed Alarfaj</td>
<td>Chronic effect of Botulin Toxin A injection on Gerbil salivary gland</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
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<td>Dr Mohammed Alnoury</td>
<td>Efficacy of Botulin Toxin A injection under EMG guidance in Drooling children</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
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<tr>
<td>Ashley Mosseri</td>
<td>Multiple Botulin Toxin A treatments of drooling children monitored using ultrasound, quality of life &amp; histology assessments.</td>
<td>Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel</td>
</tr>
<tr>
<td>Dr Naif Fnais</td>
<td>Differences in innate immunity gene expression &amp; response to corticosteroids therapy between chronic rhinosinusitis patients with gram-positive &amp; gram-negative infection.</td>
<td>Basic-Science: Dr. S. Rousseau Clinical: Dr. M Tewfik</td>
</tr>
<tr>
<td>Dr Mahmoud AlReefii</td>
<td>Three dimensional Septoplasty training model.</td>
<td>Basic-Science: Dr L Mongeau Clinical: Drs. M Tewfik &amp; L Nguyen</td>
</tr>
</tbody>
</table>
Enrichment Year/MSc Program report by Dr. Bernard Segal

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

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 Yasen 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, with 5 students likely to submit)

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  
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

Theses granted in 2015

Student:  
Dr. Yazeed Alghonaim (Spring 2015 convocation)  
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:  
Joseph Rothstein (Fall 2015 convocation)  
Title:  
Pharmaco-genomic Evaluation of Platinum-Induced Ototoxicity  
Supervisor:  
Dr. S. Daniel, Dr. Anne-Sophie Carret
10:00 a.m.  
**Introduction**  
Dr. Saul Frenkel, Professor & Chairman, Dr. John Manoukian, Program Director,  
Moderator

10:05  
The McGill thyroid nodule score’s role in pre-operative assessment of benign or non-diagnostic USFNA biopsy of thyroid nodules  
Sarah Khalife (Med 3)  
Supervisor: Dr. Richard Payne

10:15  
**High Efficiency Thyroid Surgery: Is it safe?**  
Dr. Marco Mascarella (Med 4)  
Supervisor: Dr. Richard Payne

10:25  
The use of the Afirma gene expression classifier test in two Canadian Centres  
Emily Kay-Rievst (Med 4)  
Supervisor: Dr. Richard Payne

10:35  
Assessment of the quality of reporting of randomized controlled trials in the OTL-HNS literature  
Yu Qing (Jenny) Huang (Med 3)  
Supervisor: Dr. Lily HP Nguyen

10:45  
Role of sleep endoscopy as a diagnostic tool for upper airway obstruction in children with Pierre Robin Sequence: Review of the literature and case series  
Pierre-Luc Beaudoin (Med 3)  
Supervisor: Dr. Yolène Lacroix

10:55  
Questions and discussion – Coffee break

11:20  
Assessing educational outcomes in advanced airway and crisis management: Workshop for OTL residents  
Dr. Sarah Bouhabel (PGY3)  
Supervisor: Dr. Lily HP Nguyen

11:30  
The myth of the infallible surgeon: Recovering from surgical error  
Dr. Maude C. Vaillancourt (PGY2)  
Supervisor: Dr. Lily HP Nguyen

11:40  
Preoperative imaging, intraoperative findings and postoperative histopathological correlations: prediction of endoscopic skull base meningioma resection  
Dr. Majed Aldosari (PGY4)  
Supervisor: Dr. Marc Tewfik

11:50  
Botulinum Toxin A: A new treatment for keloid scars? Results of a novel pilot study using the athymic nude mouse animal model  
Dr. Amanda Fanous (PGY4)  
Supervisor: Dr. Sam Daniel
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>12:00</td>
<td>Questions and discussion</td>
</tr>
<tr>
<td>12:30</td>
<td>LUNCH</td>
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<tr>
<td>1:15</td>
<td><strong>Influence of delivery mode on newborn wideband immittance</strong>&lt;br&gt;Dr. Laila Almasaoudi (PGY2)&lt;br&gt;Supervisor: Dr. Sam Daniel</td>
</tr>
<tr>
<td>1:25</td>
<td><strong>Effect of probiotics on otitis media in children: A systematic review</strong>&lt;br&gt;Dr. Cinzia Marchica (PGY2)&lt;br&gt;Supervisor: Dr. Sam Daniel</td>
</tr>
<tr>
<td>1:45</td>
<td>Questions and discussion</td>
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<tr>
<td>2:05</td>
<td><strong>Smartphone-based audiometric tests in the evaluation of hearing loss: The future of audiometry?</strong>&lt;br&gt;Dr. Joe Saliba (PGY3)&lt;br&gt;Supervisor: Dr. Jamie Rappaport</td>
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<td>2:15</td>
<td><strong>High and low frequency distortion product otoacoustic emissions in the diagnosis of otitis media with effusion</strong>&lt;br&gt;Dr. Abdullah Albader (PGY4)&lt;br&gt;Supervisor: Dr. Sam Daniel</td>
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<td>2:25</td>
<td><strong>Design and development of a 3D printed sinus surgery simulator</strong>&lt;br&gt;Dr. Abdulaziz Alrasheed (PGY3)&lt;br&gt;Supervisors: Drs. Marc Tewfik, Lily HP Nguyen and Robert Funnell</td>
</tr>
<tr>
<td>2:35</td>
<td><strong>Osteogenic proliferation, differentiation and integration of bone-marrow and adipose derived stem cells in a 3D printed polyetheretherketone scaffold</strong>&lt;br&gt;Dr. Michael Roskies (PGY3)&lt;br&gt;Supervisors: Drs. Simon Tran, Michael Hier and Alex Mlynarek</td>
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<td>3:05</td>
<td>PHOTO SESSION and coffee break</td>
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<tr>
<td>3:45</td>
<td>Dr. Danny Enepekides&lt;br&gt;James D. Baxter Lecturer&lt;br&gt;MANDIBULAR RECONSTRUCTION: LESSONS LEARNED</td>
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**FRIDAY - MAY 22, 2015**

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

<table>
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<tr>
<th>Time</th>
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<tbody>
<tr>
<td>8:00 a.m.</td>
<td>Dr. Danny Enepekides&lt;br&gt;MANAGEMENT OF ADVANCED NON-MELANOTIC SKIN CANCER</td>
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<tr>
<td>8:30 – 11:00</td>
<td>Teaching rounds with residents</td>
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</table>
At the Resident Research Day Competition to complete the 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:
- Junior Resident Awards: Dr. Cinzia Marchica, Dr. Michael Roskies, Dr. Joe Saliba
- Senior Resident Awards: Dr. Abdullah Albader, Dr. Amanda Fanous

Best Resident Research Presentations:
- Medical Student Research: Dr. Marco Mascarella
- Junior Resident Research: Dr. Michael Roskies, Dr. Joe Saliba
- 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 Enepekides titled 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

From left to right: Dr John Manoukian, Dr Danny Enepekides, Dr Saul Frenkies, Dr Martin Black

Dr Danny Enepekides & Dr Martin Black
Teaching initiatives and innovations: The Department hosted the following International CME conferences

- 19th Annual McGill University Update in Otolaryngology- Head & Neck Surgery
  (Course directors: Drs. K. Kost, J. Rappaport)
The 9th Annual International Pediatric Otolaryngology Update was held on May 4, 2015 with an International Endoscopy Day - organized by Program Chair Dr Sam Daniel

The 12th Annual Melvin D. Schloss Pediatric Otolaryngology Lectureship - Dr John Manoukian

North American Master Class in Endoscopic Sinus Surgery (Course director: Dr. Marc Tewfik) with Special Guest Faculty - Dr P.J. Wormald

North American Endoscopic Management of Vascular Injuries Workshop (Course director: Dr Marc Tewfik) with Special Guest Faculty - Dr P.J. Wormald
Congratulations!

- **Dr. S. Daniel**: Nominated President of the Société Internationale Francophone d’ORL. Supervisor for PhD student, Dr Victoria Akinpelu, First Prize, 5th Annual H Bruce Williams Pediatric Surgery Research day for ototoxicity research. “Celebrating Our Own” Award, Canadian Society of Otolaryngology-Head & Neck Surgery. Election as a Best Doctors physician (“Best Doctors physicians are distinguished for the following: attaining the highest tier of clinical skill, achieving true expertise through years of experience, earning the highest esteem in the local, national or international communities”)

- **Drs. Frenkiel S, Nguyen LH, Zeitouni A, Funnell WRJ, Tewfik MA.** Awards given to research project “Development of the McGill simulator for endoscopic sinus surgery: a new high-fidelity virtual reality simulator for endoscopic sinus surgery” for supervised trainee Dr R Varshney
  - First place for Resident Competition Award, Société Internationale Francophone d’ORL et de Chirurgie Cervico-Faciale (SIFORL) meeting in Québec City, Québec
  - Second place for Best Non-Clinical Research Award, Canadian Society of Otolaryngology-Head and Neck Surgery annual meeting

- **Dr. K. M. Kost**: Distinguished Service award (DSA) awarded by the American Academy of Otolaryngology-Head and Neck Surgery, Sept 21st 2014, in Orlando, Florida. The DSA is a recognition of volunteer service beyond the level of an Honor Award, given to members who attain 50 honor points (maximum of 2 points per year of service).

- **Dr. L Mongeau**: Tier 1 Canada Research Chair in Voice Biomechanics and Mechanobiology.

- **Dr. L. HP Nguyen**: Recipient of Canadian Association of Medical Education (CAME) Certificate of Merit. Presented at the Canadian Conference on Medical Education (CCME) in Ottawa, Canada. Award given to promote medical education in Canadian medical schools and to recognize and reward faculty’s commitment to medical education.

- **Dr. W. Novick**: Lifetime Achievement Award, Jewish Community Centre

- **Dr. R Shapiro**: Top rank in pulse 360 assessment

- **Dr. M Tewfik**: Millennium Research Award from the MUHC Research Institute, $25,000 (third consecutive year)

- **Dr Y. Lacroix**: Best Teacher Award for 2014, Department of Otolaryngology – Head and Neck Surgery, McGill

- **Dr Richard Payne**: Best Teacher Award for 2015, Department of Otolaryngology – Head and Neck Surgery, McGill
- Anti Tobacco Day lead by Sabrina Wurzba

SAY AHHH!!!
Faculty News

- Public Lectureship Thyroid Team
21th Annual McGill Head & Neck Cancer Fundraising Event
Honoring Mr. Ivan Velan
at Le Windsor in Montreal on May 07th, 2015
McGill Alumni were photographed at the last Canadian Society of Otolaryngology-HNS Annual Meeting in Winnipeg Manitoba, May 2015

Alumni Notes:

- Dr Khaled Alnoury now serves as Vice Dean of Medicine, Jeddah Saudi Arabia
- Dr Talal Al-Khatib is now Chief of Otolaryngology - Head Neck Surgery, King Adulaziz University, Jeddah, Saudi Arabia
- Dr Abdulrahman Hagr has one of the world’s largest series of cochlear implants and will be associating with our McGill Department in a research program.
Alumni cENTre

The CSO-HNS Meeting in Winnipeg here are 5 former Presidents of the Society from McGill.

From left to right: Dr Martin Black, Dr Saul Frenkel, Dr Karen Kost, Dr William Novick, Dr Melvin Schloss

Dr Steven Sobel, McGill Alumnus, presently serves as Fellowship Director of Pediatric Otolaryngology at Children's Hospital of Philadelphia (CHOP) he recently coauthored a book entitled “Disorders of the Neonatal Airway”
<table>
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<tr>
<th>Event</th>
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<tbody>
<tr>
<td>American Academy of Otolaryngology</td>
<td>Dallas, Texas, USA</td>
<td>September 27-30, 2015</td>
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<tr>
<td>ASSOC ORL du Quebec Annual Meeting</td>
<td>Château Frontenac, Québec City, QC</td>
<td>October 16-18, 2015</td>
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<tr>
<td>Triological Society Combined Sections Meeting</td>
<td>Miami Beach, Florida</td>
<td>January 22-24, 2016</td>
</tr>
<tr>
<td>20th Annual McGill University Update in Otolaryngology - Head and Neck Surgery -</td>
<td>Mont Tremblant, QC</td>
<td>March 18, 19 &amp; 20, 2016</td>
</tr>
<tr>
<td>COSM - Combined Otolaryngology  Spring Meeting</td>
<td>Chicago, Illinois</td>
<td>May 18-22 2016</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 Honors 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
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T. (514) 340-8222 ext: 3179 | F. (514) 340-7934 |
E. otlhns.med@mcgill.ca

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McGill University - Faculty of Medicine

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

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

For More Information

We’re on the Web!

Visit Us at: www.mcgill.ca/ent

Email: gaby.stanischewski@muhc.mcgill.ca (Royal Victoria Hospital)
Or
otlhns.med@mcgill.ca