



**DEPARTMENT OF OTOLARYNGOLOGY –
HEAD AND NECK SURGERY
FACULTY OF MEDICINE
McGILL UNIVERSITY**

**ANNUAL REPORT
June 1, 2009 to December 31, 2010**

Submitted by:
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Professor and Chairman
Department of Otolaryngology – Head and Neck Surgery
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Section I: OVERVIEW

1.1 Description of Unit

The Department of Otolaryngology is a full department within the Faculty of Medicine. It has both a clinical and academic mission in accordance with the following statement:

It is the objective of the department to continue its academic and research efforts and to remain at the forefront of modern otolaryngology practice.

The mission of the Department of Otolaryngology is to provide excellence in all aspects of otolaryngology - head and neck surgery by teaching, undertaking research and through exemplary clinical practice in the broad field covered by this discipline.

1. The educational component encompasses the teaching of McGill undergraduate medical students and McGill Otolaryngology residents. The department also accepts post-graduate fellows for subspecialty training. Responsibility in continuing medical education (CME) towards the teaching of allied health care professionals is deemed of equal importance.
2. The department participates in both clinical and basic research in the areas of head and neck oncology, vestibular physiology, rhinology, neurotology and laryngology.
3. An important mandate of the department is towards the provision of high quality clinical care in general otolaryngology and in the subspecialty areas of head and neck oncology, neurotology, laryngology, rhinology, facial plastic and reconstructive surgery and communicative disorders.

These goals will be achieved by:

- having available sufficient medical and support staff to maintain proper health care delivery to service the hospital and community network of patients
- the recruitment of highly qualified individuals who can provide subspecialty expertise and stimulating teaching to undergraduates, residents, fellows and other health care workers
- working closely with other medical specialists and allied health professionals to provide a multi-disciplinary approach toward the best possible care for patients
- working closely with basic researchers to foster a stimulating academic atmosphere and active participation as educators in the Faculty of Medicine of McGill University

1.2 Departmental Staff

A. List of Faculty Members with Primary Appointments in the Department According to Academic Rank

Departmental Chair: Dr. Saul Frenkiel

Emeritus Professor

Baxter, J.D., M.D., C.M., M.Sc. (McG.), FRCSC

Professors

Frenkiel, S., B.Sc., M.D., C.M. (McG.), FRCSC

Katsarkas, A., M.D. (Thess.) FRCSC

Schloss, M.D., M.D. (U.B.C.), FRCSC

Tewfik, T.L., M.D. (Alex.), FRCSC

Associate Professors

Black, M.J., M.D., C.M. (McG.), FRCSC

Daniel S., M.D., C.M. (McG.), FRCSC

Desrosiers, M., M.D. (Montr.) FRCSC

Fanous, N., M.B., BCH. (Cairo), FRCSC

Funnell, W.R.J., B. Eng., M.Eng., Ph.D. (McG.)

Hier, M., M.D.C.M. (McG.), FRCSC

Kost, K., M.D.C.M. (McG.), FRCSC

Manoukian, J., M.B., Ch.B. (Alex.), FRCSC

Novick, W.H., M.D., C.M. (Queen's), FRCSC

Rappaport, J., M.D. (Dal.), FRCSC

Segal, B., B.Sc., B. Eng., M.Eng. (McG.) Ph.D. (McG.)

Shapiro, R.S., M.D., C.M. (McG.), FRCSC

Zeitouni, A.G., M.D. (Sher.), FRCSC

Assistant Professors

Black, Mindy., M.D. (Tor.), FRCSC

Chagnon, F., M.D., C.M. (McG.), FRCSC

Fried, I., M.D. (Dal.), FRCSC

Lacroix, Y., M.D. (Laval), FRCSC

Lafleur, R., M.D. (Ott.), FRCSC

Lessard, M-L, M.D. (Laval), FRCSC

Mlynarek, M.Sc., M.D. (McG.), FRCSC

Nguyen, H.N. M.D., C.M. (McG.), FRCSC

Payne, R., M.D., C.M. (McG.), FRCSC

Samaha, M.D. (Queen's), FRCSC

Sejean, G., M.D. (Beirut), FRCSC

Sweet, R. M.D.C.M. (McG.)

Tarantino, L., M.D. (Naples), FRCSC

Tewfik, M.Sc., M.D. (McG.), FRCSC

Faculty Lecturers

Finesilver, A., M.D. (McG), FRCSC
Picard, L., M.D. (UdeM), FRCSC
Rothstein, J., M.D. (McG.), FRCSC
Vu, V.T.T., M.D. (UdeM), FRCSC
Young, J., M.D. (McG.), FRCSC

Adjunct Professor

Dufour, J.J. M.D. (Laval) FRCSC

B. List of Faculty with Secondary Appointment in the Department According to Academic Rank

Professors

Cullen, K. Ph.D. (McG.)
Professor, Department of Biomedical Engineering, McGill University

Galiana, H.L., B. Eng., M. Eng., Ph.D. (McG.)
Professor, Biomedical Engineering, Faculty of Medicine

Hamid, Q., M.D. (Iraq), Ph.D.Med. (UK)
Professor of Medicine and Pathology
Director, Meakins-Christie Laboratories, McGill University

Mongeau, L., Ph.D. Acous. (Penn. State) Associate Dean, Academic Affairs (McGill)
Professor, Faculty of Engineering, Division of Mechanical Engineering

Assistant Professor

Henry, M. Ph.D. (McG.)
Department of Oncology

1.3 Administrative Structure and Committees

| | |
|---|---|
| Departmental Chair |Dr. Saul Frenkiel |
| Program Director |Dr. John Manoukian |
| Director of Research & MSc Program |Dr. Bernard Segal |
| Director, Head & Neck Oncology Program |Dr. Martin Black |
| Hospital Site Directors | |
| Royal Victoria Hospital |Dr. Anthony Zeitouni |
| Montreal General Hospital |Dr. Karen Kost |
| Jewish General Hospital |Dr. Saul Frenkiel |
| Montreal Children’s Hospital |Dr. Sam Daniel |
| Executive Committee |Dr. Saul Frenkiel (Chair), Dr. Martin Black, Dr. Athanasios Katsarkas, Dr. Melvin Schloss |
| Departmental Tenure Committee |Dr. Saul Frenkiel (Chair), Dr. Martin Black, Dr. Athanasios Katsarkas, Dr. Melvin Schloss, Dr. Robert Funnell (alternate), Dr. Henrietta Galiana (alternate) |
| Residency Program Committee |Dr. John Manoukian (Chair)Dr. Jamie Rappaport (Co-Chair) Dr. Sam Daniel, Dr. Michael Hier, Dr. Lily Nguyen, Dr. Richard Payne, Dr. Mark Samaha, Dr. Bernard Segal, Dr. Robert Sweet, Dr. Anthony Zeitouni, Dr. Keith Richardson (Sr. resident rep.), Dr. Yalon Dolev (Jr. resident rep), |
| Undergraduate Education |Dr. Lily Nguyen (Chair) |
| Research Committee |Dr. Bernard Segal (Chair) Dr. Sam Daniel (Associate Chair) Dr. Saul Frenkiel, Dr. Robert Funnell, Dr. Athanasios Katsarkas, Dr. John Manoukian, Dr. Richard Payne, Dr. Mark Samaha, Dr. Marc Tewfik, Dr. Anthony Zeitouni |
| Fellowship Committee |Dr. Jamie Rappaport (Chair) |
| Rhinology: | Dr. Martin Desrosiers, Dr. Mark Samaha, Dr. Marc Tewfik |
| Pediatrics: | Dr. Sam Daniel, Dr. John Manoukian, Dr. Lily Nguyen, Dr. Melvin Schloss |
| Head & Neck: | Dr. Martin Black, Dr. Michael Hier, Dr. Karen Kost, Dr. Richard Payne, Dr. Anthony Zeitouni |
| Laryngology: | Dr. Karen Kost |
| Research: | Dr. Sam Daniel |
| Continuing Medical Education (CME) |Dr. Ted Tewfik (Chair) |
| Annual McGill Otolaryngology Update Course - | Dr. Jamie Rappaport, Dr. Michael Hier, Dr. Karen Kost (Course Directors) |
| Alumni Relations | Dr. Martin Black |
| Administrative Support | Gaby Stanischewski, Joanna Aroutian |

1.4 Message from the Chair (Dr. S. Frenkiel)

The McGill Department of Otolaryngology – Head and Neck Surgery is pleased to provide McGill University and the Faculty of Medicine its June 1, 2009 – December 31, 2010 its “Annual” Report. The contained pages will highlight both individual and collective productivity of the Department, emphasizing achievements and accomplishments. My own message is directed to the following comments.

1. Name Change for the Department

The year marked an historical event with an official new name for our Department. The former designation of Otolaryngology has now become **Otolaryngology – Head and Neck Surgery**. We can now proudly state that our name at McGill University accurately reflects the true nature of our professional work and is consistent with the designation at the Royal College of Physicians and Surgeons of Canada, the Quebec College of Physicians and Surgeons, and the majority of departments in North America and internationally. I hereby list the chronology of dates leading to the name change at McGill University.

- Mar. 17, 2009: The Department of Otolaryngology requests that the Faculty of Medicine officially change its name
- Sept. 24, 2009: Faculty of Medicine makes the request to the Academic Policy Committee (APC) for a name change
- Oct. 8, 2009: Presentation by Dr. Frenkiel to the APC of the McGill Senate – Request approved
- Nov. 4, 2009: McGill Senate approves the new name “Otolaryngology-Head and Neck Surgery”
- Nov. 23, 2009: Board of Governors ratifies the Senate’s approval

2. Faculty Retreat

An important Faculty Retreat took place on December 8 & 9, 2009 to discuss strategic planning and priorities for the next five years. The agenda centred around the development of Centres of Excellence and academic planning in the areas of education, research, and recruitment. Some discussion also centred on clinical planning at the major McGill teaching hospitals and its network of community-based institutions. Our Department will be witnessing implementation of retreat recommendations within the next two years. See Appendix IV.

3. Education

The Department has started to focus more fully on both the undergraduate and postgraduate teaching programs. At the undergraduate level, we have witnessed important initiatives led by Dr. Lily Nguyen. She has assumed a leadership position at the national level, looking at a standardized curriculum for teaching our discipline to medical students across Canada. We expect that her initiatives will contribute to important curriculum changes here at McGill.

At the postgraduate level, our program is fully approved and accredited by the Royal College of Physicians and Surgeons of Canada. All five of our graduating residents were successful at this year's fellowship exams, and four of them are presently enrolled in fellowship training programs at both national and international university centres. Our compliments are extended to Dr. John Manoukian, members of the Residency Training Committee, and our teaching staff for this success.

Another emphasis for the Department will be to expand its teaching mission to the Gatineau campus as this venue continues to evolve within the strategic planning process of the Faculty of Medicine.

4. Research

I am pleased to report that our research program continues to function at a high level, largely due to the collaborative efforts which have been fostered with basic scientists at McGill University. As part of the collaborative effort, the Department participates in numerous national granted projects which serve to foster our academic mission. It is noteworthy that both residents and medical students affiliated with our Department participate actively in the research program, and they are supported by the McGill Head and Neck Cancer Fund. Our Department's MSc program, the only one of its kind in Canada, presently has eight students enrolled, the program recently graduated Dr. Talal Al-Khatib and Dr. Marc Tewfik. I offer my compliments to our Research Director, Dr. Bernard Segal, and the Clinical Research Director, Dr. Sam Daniel, for their invaluable contributions.

5. Clinical

We are planning to internally reorganize ourselves with a number of clinical subdivisions which will serve to enhance excellence to patients and enhance an academic profile. The clinical Centres of Excellence which we are considering to establish are as follows.

- Head and Neck Oncology
- Voice and Swallowing
- Neuro-otology
- Rhinology and Skull Base
- Facial Plastic and Reconstructive Surgery

6. MUHC Development

It is now clear that the clinical unit will be located at the Glen Site and will be able to provide care to patients in the areas of head and neck oncology (including thyroid), laryngology and dysphagia, neuro-otology, skull base and endoscopic sinus surgery. This type of care will be provided almost exclusively at the tertiary and quaternary levels and have been sanctioned by the MUHC's priority planning process.

As part of the overall strategy, the Department has started an exercise to provide general otolaryngology services at community-based hospitals, such as St. Mary's, Lakeshore, and Lachine. The Jewish General will continue to function at a specialty level.

7. Recent Appointments and Recruitment

Our Department continues to recruit successfully with a number of exciting fellowship-trained staff. Dr. Alex Mlynarek joined our Department in the capacity of head and neck surgeon/oncologist with additional expertise as a microvascular free flap surgeon. Dr. Marc Tewfik completed a fellowship in endoscopic sinus and skull base surgery at one of the most prestigious programs in the world and will now be offering his expertise to McGill. Dr. Jonathan Young has joined our Department after completing a fellowship at Harvard and will be offering his expertise in the area of laryngology and dysphagia. I am pleased to announce that Dr. Kathleen Cullen has been appointed as an Associate Member to our Department. She is an internationally renowned researcher in the field of neuro-otology. We are pleased to welcome the addition of Dr. Melissa Henry to our Department. She is a PhD social psychologist who will work with the head and neck oncology program both clinically and in a research capacity.

8. Fundraising

Our Department completed another successful fundraising campaign. This year's gala event was held on May 12, 2010 at the Mont-Royal Centre. The special honouree was our own Dr. Martin Black. Through the JGH Foundation, the Martin Black Endowment Fund was established to recognize his contributions at McGill University in the area of head and neck oncology, and the fund will serve to support fellowship training in head and neck oncology/surgery at McGill University. I am pleased to report that this project completed its objective of raising \$1.5 million, and the evening also grossed approximately \$325,000 for the McGill Head and Neck Cancer Fund.

As this report is being written, we are preparing for the 2011 gala event which will be honouring actor/producer Michael Douglas. With his involvement, we expect another successful fundraising year.

In conclusion, I believe that this annual Chair's Report conveys a message of achievements and progress on behalf of our Department. I wish to thank my wonderful colleagues for their contributions and, particularly, our academic staff who involve themselves so intimately with our trainees.

Section II: PAST YEAR'S ACTIVITIES

2.1 Highlights

- McGill University has officially changed the name of our Department to:
Otolaryngology – Head and Neck Surgery.
- A \$1.5 million endowment fund for fellowship training was established to honour Dr. Martin Black. It is titled the Martin J. Black Endowment Fund for Fellowship Training in Head and Neck Oncology.
- The McGill Msc. Program in Otolaryngology, the only one of its kind in Canada, currently has nine students enrolled.
- Faculty publications for the calendar years 2009 and 2010 represented the highest numbers to date. This degree of publication productivity is significant for a Canadian Otolaryngology – Head and Neck Surgery program.
- L'association d'oto-rhinolaryngologie et de chirurgie maxillo-faciale du Québec named Drs. Martin Black, Saul Frenkiel, and Melvin Schloss as « pionnier en ORL » in October 2010 in celebration of its 50th Anniversary.
- A Canadian first was recorded when Drs. Nabil Fanous, Sherif Emil (Surgery), and Valérie Côte participated in a surgery in which a tumour was removed from a baby's face through his scalp. The surgery took place at the Montreal Children's hospital on August 27, 2009 and was the first of its kind in the country.
- Dr. Sam Daniel was appointed CPD Educator by the Royal College of Canada.
- Two of our residents, Drs. Valérie Côté and Nathan Jowett, each received CIHR research awards.
- Drs. Sam Daniel and Robert Funnell were awarded a 3-year CIHR Operating Grant for a project entitled, "Mechanics of the outer and middle ear in newborns and infants."
- Dr. Lily Nguyen received the Best Surgical Teacher of the Year Award from the Montreal Children's Hospital.
- February 1, 2010 marked Dr. William Novick's 50th year as a member of the McGill University and Royal Victoria hospital teaching staffs.
- The Department's Update Course in Otolaryngology continues to attract an international registration and is one of the few mid-winter courses available in North America.
- Dr. Mark Samaha is now double-board certified with a recent acknowledgement by the American Board of Facial Plastic and Reconstructive Surgery.

- Dr. Richard Payne and McGill medical student Shawn Karls received a grant from the Mach-Gaesslen Foundation of Canada, which encourages research in cardiology, oncology, and psychiatry.
- Dr. Karen Kost was named Best Teacher of the Year in Otolaryngology for 2009.
- Dr. Martin Black was named Best Teacher of the Year in Otolaryngology for 2010.
- Departmental named Lectureships
 - o **13th Annual McNally Memorial Lecture**
Dr. Athanasios Katsarkas, Professor, Department of Otolaryngology – Head and Neck Surgery, McGill University
Dr. Henrietta Galiana, Professor, Department of Biomedical Engineering, McGill University
“Dizziness, vestibular dysfunction and the engineering interpretation”
November 5, 2009
 - o **67th Herbert Birkett Memorial Lecture**
Dr. Gary Clayman, Professor of Surgery, Director of Head and Neck Cancer Program, Alando J. Ballantyne Distinguished Chair of Head and Neck Surgery, M.D. Anderson Cancer Center, Houston, TX “Management of recurrent & aggressive thyroid cancer”
November 12, 2009
 - o **12th Annual Raymer Lecture**
Dr. Richard Béliveau, Professor, Department of Chemistry, Université du Québec à Montréal
“Preventing chronic diseases”
April 15, 2010
 - o **7th Annual Melvin D. Schloss Lectureship**
 - Dr. Patrick Froehlich, Professor at Hôpital Édouard Herriot in Lyon and Chief of Pediatric Otolaryngology at Hôpital Debrousse and Hôpital de la Femme de la Mère et de l’Enfant de Lyon
“Minimally-invasive surgery in pediatric Otolaryngology”
 - Dr. Karen Gordon, Director of Research in the Cochlear Implant Laboratory, Hospital for Sick Children in Toronto
“Can cochlear implants reverse effects of deafness in the central auditory system?”
May 10, 2010
 - o **18th Annual Resident Research Day/James D. Baxter Lectureship**
Dr. Nader Sadeghi, Associate Professor of Surgery and Director of Head and Neck Surgery at George Washington University, Washington, D.C.
“Surgical organ preservation in laryngeal cancer: A paradigm in evolution.”
May 17, 2010

o **4th Annual McGill Auditory Sciences Laboratory Lectureship and Academic Day**

Dr. Udayan Shah, Associate Professor of Otolaryngology – Head and Neck Surgery at Jefferson Medical College, Thomas Jefferson University in Wilmington, Delaware.

“Pediatric surgical grand rounds: Advances in pediatric endoscopic sinus surgery” and
“Lasers in otology.”

August 30, 2010

o **14th Annual McNally Memorial Lecture**

Dr. Brian Blakley, Professor, Department of Otolaryngology – Head and Neck Surgery, University of Manitoba

“Objective evaluation of vestibular function for clinical purposes”

October 21, 2010

o **68th Herbert Birkett Memorial Lecture**

Dr. Patrick Gullane, Otolaryngologist-in-Chief, University Health Network / Wharton Chair, Head and Neck Surgery, Princess Margaret Hospital / Professor and Chair, Department of Otolaryngology – Head and Neck Surgery, University of Toronto

“Thirty years of head and neck: Lessons learned – Imagine the future.”

November 11, 2010

“Management of non-melanotic skin cancers: Current approaches.” (Resident teaching rounds)

November 12, 2010

2.2 Teaching and Learning (Undergraduate and Graduate)

2.2.1 Undergraduate (Dr. Lily Nguyen – Director)

Our Department of Otolaryngology – Head and Neck Surgery has a mission to educate medical students in the management of disorders of the ear, nose, and throat, as well as head and neck surgery.

Traditionally, our department has been mainly involved in undergraduate teaching at the Introduction to Clinical Medicine (ICM) and Clerkship levels. This has been accomplished by providing lectures, participating as a shadowing mentor, and supervising students during clinical rotations (surgical subspecialty selectives or electives).

The medical education curriculum at McGill has undergone tremendous review and redesign, and will enter the implementation phase in 2012. In 2009, our department has been able to secure representation at important committees within the Faculty of Medicine, namely the Undergraduate Curriculum Committee (responsible for the objectives, content and pedagogy of the four-year MDCM curriculum). Soon, we will also be involved in the Strategic Planning - Clerkship Implementation Committee. At a national level, we have also been involved in the Undergraduate Medical Education Working Group, a collaborative effort of all Otolaryngology programs across Canada aimed at developing a standardized undergraduate medical curriculum in otolaryngology.

2010 was an important year as it marked the rise of our department's involvement at the Basics of Medicine level (first 18 months of medical school training). Certain residents and staff served as demonstrators during the head and neck anatomy lab session. In 2011, for the first time, our department will be involved in small group sessions, which will provide much needed clinical correlation.

At the clerkship level, our department saw, to date, the highest number of medical students on rotation, with over 50 students - a significant portion of them coming from centers outside of McGill. Also, the Montreal Children's hospital is now an available site for McGill Senior Clerkship rotations.

Finally, I would like to thank all members of our faculty for their commitment to undergraduate teaching, which is accomplished on a voluntary basis across the four teaching hospital sites.

2.2.2 Postgraduate (Dr. John Manoukian – Director)

Residents and Fellows Roster:

The McGill Otolaryngology Residency Training program for this academic year is very strong and healthy with a total of 19 residents and with 3 fellows.

This academic year our department welcomed 4 new incoming R1 residents to the program. Two of these residents came through CaRMS positions. They are Rickul Varshney and Joseph Schwartz. Our third resident comes to us from the Saudi Mission –Faisal Zawawi and the 5th resident comes from Kuwait – Ahmad Al-Jarallah. Moving from R1 (core surgery) to R2 are 5 residents Tamara Mijovic, Ywakim Rania, Alipasha Rassouli, Yazeed Al-Ghonaim and Yaseen Ali.

The three fellows for this academic year are Dr Jacob Pitara from Israel who is doing pediatric research fellowship at the MCH McGill Auditory Sciences Lab supervised by Dr Sam Daniel; Dr Eyal Sela from Israel who is doing Head & Neck Surgery Program at the JGH hospital supervised by Dr Michael Hier; and Dr Nadine Yammine from our McGill Otolaryngology graduate who is doing Laryngology fellowship supervised by Dr Karen Kost. The laryngology fellowship is a new inaugural fellowship for McGill and also the only one actually available in Canada.

Resident Academic program:

The academic program consisted of:

- Weekly Grand rounds
- Hospital and Tumor board rounds
- Academic weekly lectures
- Four Journal Clubs
- Visiting Guest Speakers and Visiting Professors Program
- The numerous mini -seminars of half and full days
- The McGill Simulation center courses.

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. There will be changed to reflect more visiting guests from other departments to make the rounds more grand.

Next year academic weekly lecture series will be similar to last year very successful format, judging from the feedback from the residents. Elements that were particularly noted by the residents are the organizational aspect, the structure in blocks focusing on the different subspecialties with exams immediately following each block, the length of the lectures and quality of speakers.

The four journal clubs will be incorporated in the Thursday's modified grand rounds to have more staff participation.

There were 7 Visiting Guest Speakers for our Visiting Professors Program, those were:

- 1) The 13th annual William J. McNally Memorial lecture, held on November 5th 2009, had two invited guest speakers.
 - Athanasios Katsarkas, M.D., Professor, Department of Otolaryngology, McGill University.
 - Henrietta Galiana Ph.D., Professor, Department of Biomedical Engineering, McGill University.

Their lecture topic was: "Dizziness, vestibular dysfunction and the engineering interpretation".

- 2) The 67th annual Herbert S. Burkett Memorial Lecture, held on November 12th 2009, was presented by Dr. Clark L Clayman, DMD MD FACS, Professor of Surgery, Director of Head & Neck Cancer Program, Alando J. Ballantyne Distinguished Chair of H&N Surgery M.D. Anderson Cancer Center, Houston, Texas.

His lecture topic was "Management of recurrent & Aggressive Thyroid Cancer".

- 3) The 7th annual Melvin D. Schloss Pediatric Otolaryngology Lectureship, held on May 10th 2010, had two invited guest speakers.

- Dr. Patrick Froehlich MD, professor at l'Hôpital Édouard Herriot of Lyon in France and chief of pediatric otolaryngology at l'Hôpital Debrousse and since 2008 at l'Hôpital de la Femme de la Mère et de l'Enfant (HFME) de Lyon. Dr Froehlich is currently spending a sabbatical year as a pediatric otolaryngologist at Ste-Justine.
His lecture topic was "Minimally-Invasive surgery in Pediatric Otolaryngology".
- Karen Gordon, PhD director of research in the Cochlear Implant Laboratory at the Hospital for Sick Children in Toronto.
Her lecture topic was "Can cochlear implants reverse effects of deafness in the central auditory system?"

- 4) The 12th annual Raymer Lectureship, held on April 15, 2010, presented by Dr. Richard Beliveau, Professor, Department of Chemistry, UQAM. His lecture topic was "Preventing Chronic Diseases".
- 5) The 18th Resident Research day / James D. Baxter Lectureship, held on May 17th 2010, presented by Dr. Nader Sadeghi, Associate Professor of Surgery, Director of Head & Neck Surgery, George Washington University, Washington D.C. His lecture topic was "Surgical Organ Preservation in Laryngeal Cancer: A paradigm in Evolution".
- 6) The 68th annual Herbert S. Burkett Memorial Lecture, held on November 11th 2010, was presented by Dr. Patrick Gullane, CM, MG, FRCSC, FACS, Hon FRACs, Hon FRCS, Otolaryngologist-in-chief,

University Health Network, Wharton Chair, H&N Surgery, Princess Margaret Hospital, Professor & Chair, Dep. Of OTL-HNS, University of Toronto.

His lecture topic was “Thirty Years of Head and Neck: Lessons Learned – Imagine the Future”.

- 7) Grand Round of December 16th 2010, presented by Dr. Nicole Yee Key Li Ph.D. from the University of Wisconsin-Madison. His lecture topic was “Translational systems biology of vocal fold inflammation and healing”.

There were also numerous mini-seminars of half and full days throughout the year which were highly appreciated by the residents. The mini-seminars were in Pediatrics supervised by Dr. Sam Daniel, Vestibular/otological supervised by Jamie Rappaport & Anthony Zeitouni, Facial Plastic Courses supervised by Dr Mark Samaha and 2 days of Facial Plastic arranged and supervised by Dr Nabil Fanous.

Our department uses effectively the McGill Simulation Center for our academic resident teaching activities. These were the different Simulation activities

- There was the successful temporal bone drilling lab course for the residents under the supervision of Dr. Sam Daniel.
- The teaching of Ethics/Communication Skills using professional trained patient actors was performed very successfully as per the resident's report, coordinated by Dr Jamie Rappaport and Lily Nguyen.
- The facial plastic course coordinated by Dr Nabil Fanous on “hands-on” and “didactic” courses on the basic surgical skills performed on pig and other animal models, in addition to teaching on the different facial cosmetic procedures.
- For the first time the multidisciplinary Airway Basics Course was held very successfully 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). This was coordinated by Dr. Lily Nguyen and due to the immense success of this course it will be offered yearly at McGill on an annual basis. It will also be expanded across Canada (London Ontario, Ottawa etc.)
- For the first time Dr Mark Samaha used the simulation center for surgical rhinology and blepharoplasty course for the residents

The PGY3 residents under the supervision of Lily Nguyen were involved in teaching the Head and neck anatomy to McGill's medical students in the McGill Anatomy Lab. This will continue on an annual basis.

Residents Examinations:

There were 5 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.

All 5 McGill residents this year passed successfully their Royal college exam (Drs. Chris Szeto, Sumeet Anand, Talal Al-Khatib, Nadine Yammine and Vi Vu).

Special Resident's Rotations:

The new 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. Last year each R1 resident in the core surgery program rotated for a period of one month in the department of Diagnostic Radiology (Head & Neck subspecialty) and another month in the department of Pathology (Head & Neck subspecialty). This will also continue this coming year due to their positive feedback.

Resident's Research Activities:

The presentations at the Residency Research Day in May/2010 were again at a high standard, there were 16 presentations by residents and medical students.

Our department was extremely well represented and involved at the very successful Canadian Society Otolaryngology annual meeting in Niagara Falls, Ontario in May/2010. We had a total of 23 residents' presentations, including 17 podium and 6 poster presentations. We were also involved in 7 different workshops. The departmental financial policy supports the residents to cover part of their expenses at national and international meetings.

Our department was also well represented and involved in the American Academy of Otolaryngology Head and Neck Surgery Annual meeting in Boston, MA in September/2010. We had a total of 8 residents' presentations, including 6 podium and 2 poster presentations.

Resident and Staff Evaluation:

Since April 2009 our department started to use the MRES one45 system to evaluate resident's rotations. Like most other McGill departments it took us a year to start using this method properly. The system also evaluate the staff by the residents, however to keep the evaluation anomalous the results will be send to us on a yearly bases (first report has already been sent at the end of 2010).

Resident Program Committee:

The Residency training Committee met 5 times during the past year to discuss different issues and review our training program.

McGill Internal review:

An important issue regarding our resident training this year was the successful result of the McGill's internal review of our program which occurred on April 20, 2010. The surveyor gave our department "APPROVAL" status and they stated in their report that this was an outstanding program. Since then two other McGill

departments (OB-GYN and Orthopedics) are seeking our resident's training methods to improve their own departmental rankings.

Finally, I would like to thank each and every one of our department, who helped me in contributing to the success of our program.

DEPARTMENT OF OTOLARYNGOLOGY – HEAD & NECK SURGERY
18th ANNUAL RESIDENT RESEARCH DAY/JAMES D. BAXTER LECTURESHIP
May 17-18th, 2010 (revised May 10, 2010)

- 10:25** **Introduction – Dr. John Manoukian**
- 10:30** **What are thyroidectomy patients really concerned about?**
Lara Abdul-Sater (med student) lara.abdul-sater@mail.mcgill.ca
- 10:40** **Is gender a risk factor of thyroid cancer in patients presenting with a palpable thyroid nodule?**
Shawn Karls (med student) (shawn.karls@mail.mcgill.ca)
- 10:50** **Preoperative predictive value of a positive Pet scan with respect to malignancy in patients undergoing thyroidectomy**
Alexander Amir (med student) alexander.amir@mail.mcgill.ca
- 11:00** **The use of fluorescent light in detecting malignant and premalignant lesions in the oral cavity: A prospective blind study**
Dr. Hani Al-Marzouki (PGY3)
- 11:10** **Question period – 20 minutes**
- 11:30** **Laser resection of early stage laryngeal cancer - How are we doing?**
Amanda Fanous (med student) (amanda.fanous@mail.mcgill.ca)
- 11:40** **The impact of extracapsular spread on metastatic lymph nodes in well differentiated thyroid cancer**
Cassandre Benay (med student) cassandre.benay@gmail.com
- 11:50** **Does the treatment of head and neck neoplasms predispose to obstructive sleep apnea?**
Rickul Varshney (med student) rickul.varshney@mail.mcgill.ca
- 12:00** **Mitomycin C application during myringotomy: Tu-Be, or not Tu-Be?"**
Michael Roskies (med student) Michael.roskies@mail.mcgill.ca
- 12:10** **Question period – 20 minutes**

12:30 – 1:15 p.m. **LUNCH** – sponsored by:
Ms. Anita Mouroutsos

Baxter

- 1:15** **Body mass index in the evaluation of thyroid cancer risk**
Dr. Tamara Mijovic (PGY1)

- 1:25 Sentinel lymph node biopsy for thyroid cancer: Does it work?**
 Dr. Keith Richardson (PGY3)
- 1:35 Minimally invasive video-assisted thyroidectomy**
 Dr. Nathan Jowett (PGY3)
- 1:45 Case series: Sharp foreign bodies in the aerodigestive tract:**
 Dr. Saud Al-Romaih (PGY2)
- 1:55 McGill thyroid nodule score – Rating the risk – A novel predictive scheme for cancer risk determination**
 Dr. Noah Sands (PGY2)
- 2:05 Question period – 25 minutes**

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| 2:30 – 3:00 PHOTO SESSION– 30 minutes |
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- 3:00 Does pterygopalatine fossa injection with local anaesthetic and adrenaline decrease bleeding during endoscopic sinus surgery?**
 Dr. Yayha Al-Badaai (PGY6 – rhinology fellow)
- 3:10 Genetics of chronic rhinosinusitis**
 Dr. Michael Chater (PGY3)
- 3:20 Prevalence of dizziness after cochlear implantation**
 Dr. Faisal Al-Obaid (PGY2)
- 3:30 Validation of a pediatric reflux finding score and questionnaire**
 Dr. Valerie Côté (PGY4)
- 3:40 Question period – 20 minutes**

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| 4:00 Coffee break – 15 minutes |
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| <p>4:15 p.m. SURGICAL ORGAN PRESERVATION IN LARYNGEAL CANCER: A PARADIGM IN EVOLUTION Dr. Nader Sadeghi – Guest Professor, Assoc. Professor of Surgery/Director of Head & Neck Surgery, George Washington University, Washington D.C.</p> |
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Next day May 18th, 2010 (light breakfast at 7:45 a.m.)

**8:00 a.m. EVIDENCE BASED EVALUATION AND TREATMENT OF THE NECK
IN HEAD AND NECK CANCER. - Dr. Nader Sadeghi**

Teaching rounds with Dr. N. Sadeghi to follow.

2.2.3 Research Enrichment Year (R3-R4) (Dr. Bernard Segal – Director)

1. Enrichment Year Residents

A. 2009-2010 R3-R4 Enrichment year Projects:

Resident: Dr. Mohammed Al-Essa
Project Title: The association between Chronic Rhino-Sinusitis (CRS) and Extra-Esophageal Gastric Reflux (EEGR) in pediatrics using pepsin immunoassay
Names of Supervisor(s): Basic-Science: Dr. Qutayba Hamid Clinical: Dr. John Manoukian
Sponsoring Research Lab: Meakins-Christie Laboratories
Names of Collaborator(s): Drs. M. Schloss; S. Daniel; T. Tewfik; L. Nguyen; H. AlShemari; F. ALSaab; S. AlGhamdi
Status 2010: Largely completed

Resident: Dr. Valérie Côté (double Program MSc)
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
Sponsoring Research Lab: MCH OTL & GI Clinics/MUHC Sleep Laboratory
Names of Collaborator(s): Drs. L Nguyen, V Morinville, B Pless, X Zhang, R Payne, Ms H Bacha, Ms. M Latremouille
Status 2010: Well advanced

B. 2010-2011 R3-R4 Enrichment year Projects:

Resident: Dr. Keith Richardson (double-program Masters)
Project Title: Clinical applicability of Sentinel Lymph Node Biopsy in the Management of Thyroid Carcinoma
Names of Supervisor(s): Basic-Science: Dr. Mark Trifiro Clinical: Dr. Richard Payne
Sponsoring Research Lab: Lady Davis Institute, Jewish General Hospital
Names of Collaborator(s): Drs. M Hier, M Black, L Rochon, O Gologan, J How
Status 2010: Experiments complete. Write-up started.

Resident: Dr. Nathan Jowett (double-program Masters)
Project Title: Comparison of post-transection osseous end-to-end healing in a rodent model using femtosecond laser and conventional surgical saw cutting techniques
Names of Supervisor(s): Basic-Science: Dr Paul Wiseman Clinical: Dr. Alex Mlynarek
Sponsoring Research Lab: Department of Physics McGill; Toronto Sick Kids
Status 2010: CIHR fellowship obtained. Grant obtained (\$50K), working with Toronto collaborators. Experiments in early stages; Experimental material will be transferred to McGill lab for analysis.

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| Resident: | Dr. Hani Al-Marzouki (double-program Masters) |
| Project Title: | Expression of Erythropoietin Receptors in biopsy specimens from patients with Oral & Oropharyngeal cancers & its effect on human papilloma virus (HPV)-related cancers |
| Names of Supervisor(s): | Basic-Science: Eduardo Franco Clinical: Dr. Karen Kost |
| Names of Collaborator(s): | Dr. George Shenouda, Dr. Peter Chauvin, Dr. James Hanley |
| Sponsoring Research Lab: | Pathology Lab, Montreal General Hospital |
| Status 2010: | Experiments completed; analysis on-going. |
| Resident: | Dr. Michael Chater (double-program Masters) |
| Project Title: | Identification & Investigation of Genes Responsible for the Development of Chronic Rhinosinusitis Using Genomic Analysis |
| Names of Supervisor(s): | Basic-Science Dr Simon Rousseau Clinical: Dr. M Desrosiers |
| Sponsoring Research Lab: | Meakins-Christie Labs |
| Status: | Experiments completed; analysis on-going |

C. Enrichment year Issues

There are 5 residents (see appendix) in the double program, who are simultaneously enrolled both as Medical-Faculty residents & and as Graduate-Faculty MSc students. (Double-program students must meet the independent requirements of both the Faculty of Medicine & Graduate Faculty). One double-program student is an R5, and four are R4s, who will be completing their enrichment year at the end of December. All four R4s will need to continue their Master's activities when they resume full clinical duties of the R4 & R5 residency program, as our R5 resident is currently doing.

1. All 2010-11 enrichment year residents are in Double program (Master of Science)

In 2010, all new enrichment year residents were simultaneously taking the Master's program. This means that all new residents must satisfy requirements of both their residency program and of the Graduate faculty Master's program. The limited research time presents a challenge, and 2 meetings have been held to try to prevent future problems (see below).

2. New enrichment year start date

This is the second year that residents have started their enrichment-year activities during the middle of their R3 year, instead of the beginning of the R4. This should give them more time to work on their projects before presenting their results at the Canadian Head-Neck Society Annual Meeting, and should improve their performance at that meeting.

3. Limited research time

The limited time available for research continues to be a challenge. This limited time period, the demands of the residency program, the demands of the double-program masters, as well as difficulties giving priority to research during the enrichment year, is limiting residents' abilities to obtain high-quality results. Two meeting to try to minimize future conflicts have been held. The situation is being monitored.

4. Difficulty organizing double-program research activities early enough

Four R3 residents will be entering their enrichment in 2011 two planning to enter the Double-program Master's. In May, to help residents select appropriate research projects, a special rounds session, "On-

going research rounds” was held where several potential research areas for their enrichment year research, were presented, and Dr Segal held special meetings where enrichment and double program masters requirements were outlined. However, because residents tend to seek research advice from clinicians, who may not be aware of graduate faculty requirements for MSc supervisors, all residents were late in submitting their research proposals to the Research Committee for review & approval. When finally submitted, their proposed research year activities were not approved, and both residents had to modify their planned projects. It is hoped that this problem will not occur again in the future. There is a need to ensure that enrichment year projects are selected appropriately, and that deadlines & milestones are respected.

5. One45

The enrichment year employs progress tracking using a 6-month cycle (objectives, progress, evaluation-feedback) using a set of 3 forms that are filled out manually. We have tried to use One45 to automate this system. However, this has not been successful due to One45’s limitation of only being capable of sending one form to one person at a time. Also R3/R4 clinical requirements have often needed to be changed at the last minute. We are trying again to improve One45 usage by developing email guidance to permit several people (2 supervisors, the student and Dr Segal) to discuss One45 forms, but this may be difficult to implement.

2.2.4 MSc Program (Dr. Bernard Segal – Director Dr. Sam Daniel – Associate Director)

2. Master of Science Program

A. Master of Otolaryngology Double-program Students

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|----------------------------------|--|
| Former Resident: | Dr. Jonathan Young |
| Project Title: | Measurements of Stress & Strain of the Human Cadaveric Larynx using Digital Imaging |
| Names of Supervisor(s): | Basic-Science: Dr. Luc Mongeau, Clinical: Drs. Sam Daniel |
| Status: | Write-up of thesis advanced, but not yet submitted |
| 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 |
| Status: | Well advanced |
| Resident: | Dr. Keith Richardson |
| Project Title: | Clinical applicability of Sentinel Lymph Node Biopsy in the Management of Thyroid Carcinoma |
| Names of Supervisor(s): | Basic-Science: Dr. Mark Trifiro Clinical: Dr. Richard Payne |
| Sponsoring Research Lab: | Lady Davis Institute, Jewish General Hospital |
| Names of Collaborator(s): | Drs. M Hier, M Black, L Rochon, O Gologan, J How |
| Status: | Experiments complete. Write-up started. |
| Resident: | Dr. Nathan Jowett |
| Project Title: | Comparison of post-transection osseous end-to-end healing in a rodent model using femtosecond laser and conventional surgical saw cutting techniques |
| Names of Supervisor(s): | Basic-Science: Dr Paul Wiseman Clinical: Dr. Alex Mlynarek |
| Sponsoring Research Lab: | Lady Davis Institute for Medical Research & Paul Wiseman Research Lab (Physics) |
| Status: | CIHR fellowship obtained. Grant obtained (\$50K), working with Toronto collaborators. Experiments in early stages; Experimental material will be transferred to McGill lab for analysis. |
| Resident: | Dr. Hani Al-Marzouki |
| Project Title: | Expression of Erythropoietin Receptors in biopsy specimens from patients with Oral & Oropharyngeal cancers & its effect on human papilloma virus (HPV)-related cancers |
| Names of Supervisor(s): | Basic-Science: Eduardo Franco Clinical: Dr. Karen Kost |
| Sponsoring Research Lab: | Pathology Laboratory, Montreal General Hospital |
| Names of Collaborator(s): | Dr. George Shenouda, Dr. Peter Chauvin, Dr. James Hanley |
| Status: | Initial stages |

Resident: Dr. Michael Chater
Project Title: Identification & Investigation of Genes Responsible for the Development of Chronic Rhinosinusitis Using Genomic Analysis
Names of Supervisor(s): Basic-Science: Dr Simon Rousseau Clinical: Dr. M Desrosiers
Sponsoring Research Lab: Meakins-Christie Labs
Status: Experiments completed; analysis on-going

Completed theses

Former Resident: Dr. Talal A. Al-Khatib
Project Title: Pneumatic otoscopy in improving diagnostic accuracy of Otitis media with effusion in a clinical setting: A randomized double blind control trial
Names of Supervisor(s): Basic-Science: Dr Maidah Sewitch Clinical: Dr. Lily Nguyen
Status: Approved in May 2010

B. Master of Otolaryngology non-resident Students

Student: Anne-Marie Sénécal
Project Title: The CO-OP approach: a novel behavioral therapy for drooling in children
Names of Supervisor(s): Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel
Sponsoring Research Lab: McGill Auditory Science Lab
Names of Collaborator(s): Dr. R. Funnell, Dr. A. Majnemer
Status: Advancing well

Student: Sofia Waissbluth
Project Title: Otoprotective Effect of Systemic Dexamethasone on Cisplatin Induced Ototoxicity.
Names of Supervisor(s): Basic-Science: Dr. S. Daniel Clinical: Dr. S. Daniel
Sponsoring Research Lab: McGill Auditory Science Lab
Status: Advancing well, but fast-tracked to Phd in Experimental Surgery under Dr Daniel

Master's issues

1. Limited research time for double-program residents

As outlined above, limited research time within the residency program continues to be a challenge. Two meetings to try to minimize future conflicts have been held. There also remains a need to give priority to the double-program residents' research activities, giving them as much flexibility as possible within their residency training.

The situation is being monitored. The possibility of requiring that future residents take a year off from their residency to complete the MSc program has been discussed many times.

B. Implementing recommendations of Graduate Faculty/Faculty of Medicine review of Master of Science Program

In 2007-8, the OTL Master's program was reviewed very favourably by McGill's Graduate Faculty & Faculty of Medicine. One of the recommendations of the review was to increase size of our program. We have been successful in implementing this recommendation by (a) increasing the number of admission dates each year to 3 and (b) by opening our program to those with a demonstrated strong interest in Otolaryngology (e.g., physician, PhD, Veterinarian, Health professional). As a result, our program has

increased from 2 masters students per year in 2007 and in 2008, to 9 masters students per year in 2009 and 2010. This growth in students has been accompanied by a very increased administrative load. This load could not be met without the untiring support of Ms Joanna Aroutian, whose presence is at least partly responsible for our program's success.

We are also looking at expanding our program to the PhD level. The option of an intermediary Ad-hoc PhD in Otolaryngology no longer seems to be available, so we are planning to make a formal application for a new program to Medical Faculty and then to the University. Our application will stand a higher probability of quick approval if we can demonstrate that we will be attracting additional faculty who can initiate excellent research programs in OTL. It is recommended that the plan to create departmental Centers of Excellence, discussed earlier this year, be speeded up as much as possible because a new PhD program in OTL and at least one center of excellence will facilitate each other's progress.

Selection of Master's projects and supervisors

Projects may be selected from the residency-training manual, or from projects described in Annual Grand Rounds session, "On-going research". Joint supervision by both a basic scientist and a clinician is required.

Double-program Master of Science

Exceptional McGill OTL residents may be permitted to enter a double-program Master's, combining both normal residency and Master of Science activities. Double-program activities must start 6 months before the Enrichment year starts, and normally continue after the end of the Enrichment year.

MSc Degree requirements

1. Course work (OTOL-602, OTOL-603, OTOL-612, OTOL-613, and 513-607 (Epidemiology))
2. Attendance at Research Topics seminars with Dr Segal
3. Presentation at Resident Research Day and at a national or international Scientific Meeting
4. Two seminars: (a) A *Progress seminar* during the first year, (b) A *Thesis seminar* about 2 months before submission of thesis. On request, the Research Committee may permit combination of these 2 seminars.
5. A thesis. It is expected that thesis material will be lead to at least one paper in a high-quality Journal

MSc course work

The M.Sc. program comprises a minimum of 45 credits as follows:

Physiology, Histopathology and Clinical Otolaryngology 1 OTOL-602 - 3 credits;
Physiology, Histopathology and Clinical Otolaryngology 2 OTOL-612 - 3 credits;
Advanced Scientific Principles of Otolaryngology 1 OTOL-603 - 3 credits;
Advanced Scientific Principles of Otolaryngology 2 OTOL-613 - 3 credits;
Principles of Inferential Statistics in Medicine 513-607 - 3 credits or equivalent;
Thesis 1 OTOL-690 - 3 credits
Thesis 2 OTOL-691 - 3 credits;
Thesis 3 OTOL-692 - 6 credits;

Thesis 4 OTOL-693 - 6 credits;
Thesis 5 OTOL-694 - 12 credits;

When appropriate, courses OTOL-602, OTOL-612, OTOL-603 or OTOL-613 may be replaced by other basic-science or clinical (500-level or higher) courses of relevance to Otolaryngology, as recommended or approved by the Department. Students aiming to acquire an interdisciplinary background will be expected to take additional elective courses, at the undergraduate level if necessary.

Courses

OTOL-602 PHYSIOLOGY, HISTOPATHOLOGY AND CLINICAL OTOLARYNGOLOGY 1 (3 credits). University and hospital rounds and seminars presenting various topics in Clinical Otolaryngology. Dr. S. Daniel (6 hr/wk).

OTOL-603 ADVANCED SCIENTIFIC PRINCIPLES OF OTOLARYNGOLOGY 1 (3 credits). Lectures in advanced basic-science topics of relevance to the otolaryngologist. Dr. S. Daniel (1.5 hr/wk).

OTOL-612 PHYSIOLOGY, HISTOPATHOLOGY AND CLINICAL OTOLARYNGOLOGY 2 (3 credits). University and hospital rounds and seminars presenting various additional topics in Clinical Otolaryngology. Dr. S. Daniel (6 hr/wk).

OTOL-613 ADVANCED SCIENTIFIC PRINCIPLES OF OTOLARYNGOLOGY 2 (3 credits). Lectures in additional basic-science topics of relevance to the otolaryngologist. Dr. S. Daniel (1.5 hr/wk).

EPIB-607 INFERENCE STATISTICS (4 credits) Introduction to basic principles of statistical inference. An equivalent course may be substituted, in consultation with the supervisor.

OTOL-690 THESIS 1 (3 credits) A literature search and research proposal under supervision of the research supervisor that leads to a written proposal.

OTOL-691 THESIS 2 (3 credits) Supervised training and research in connection with the Master's thesis.

OTOL-692 THESIS 3 (6 credits) Independent research in connection with the Master's thesis.

OTOL-693 THESIS 4 (6 credits) A seminar and written report to be presented to an ad hoc committee describing appropriate progress at the end of the first year of training.

OTOL-694 THESIS 5 (12 credits) Independent study in connection with the Master's thesis. Presentation of results at a departmental seminar, or at a scientific meeting. Presentation of *Thesis seminar*

about 2 months before the student plans to submit the thesis. Completion and final acceptance of the M. Sc. Thesis by the Department and Faculty of Graduate Studies.

Suggested Timetable for Courses

| <u>Course Number</u> | <u>Course Title</u> | <u>Credits</u> |
|----------------------|---------------------|----------------|
|----------------------|---------------------|----------------|

First year: First semester (Actual: July-Oct; Minerva: Sept-Dec)

| | | |
|----------|--|---|
| OTOL-690 | Thesis 1 | 3 |
| OTOL-691 | Thesis 2 | 3 |
| OTOL-602 | Physiology, Histopathology & Clinical Otolaryngology 1 | 3 |
| OTOL-603 | Advanced scientific principles of Otolaryngology 1 | 3 |
| EPIB-607 | Inferential statistics | 3 |

First year: Second semester (Actual: Nov-Feb; Minerva: Jan-Apr)

| | | |
|----------|--|---|
| OTOL-692 | Thesis 3 | 6 |
| OTOL-612 | Physiology, Histopathology & Clinical Otolaryngology 2 | 3 |
| OTOL-613 | Advanced scientific principles of Otolaryngology 2 | 3 |

First year: Third semester (Actual: Mar-Jun; Minerva: Jan-Apr)

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| OTOL-693 | Thesis 4 | 6 |
|----------|----------|---|

Second year: Fourth semester (Actual: Jul-Oct; Minerva: May-Sept), possibly 5th semester (Nov-Feb) & 6th (Mar-Jun)

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|----------|----------|----|
| OTOL-694 | Thesis 5 | 12 |
|----------|----------|----|

Totals: 45

2.2.5 Fellowship Program (Dr. Jamie Rappaport – Director)

Fellowships for 2009-2010 academic year:

- Dr. Hadi Hakami (Head & Neck; supervisors: Drs. Hier/Black/Payne)
Dr. Hakami completed a second year of Head & Neck fellowship training at the JGH and will return to Jeddah, Saudi Arabia.
- Dr. Yahya Al-Badaai (Rhinology; Drs. Samaha/Desrosiers/Frenkiel)
Dr. Al-Badaai will be returning to Oman where he will be the only fellowship-trained rhinologist in that country. He plans to also set up a skull base unit, in conjunction with a neurosurgical colleague at his center in Oman (Sultan Qaboos University Hospital).
- Dr. Yaser Al-Rajhi (Pediatrics; supervisors: Drs. Daniel/Manoukian/Nguyen/Schloss)
Dr. Al-Rajhi completed his year of pediatric fellowship and was an important contributor to the Otolaryngology teaching program at McGill. He will be doing a year of Head & Neck Fellowship training in Edmonton.

Fellowships for 2010-2011 academic year:

- Dr. Eyal Sela (Head & Neck; Drs. Hier/Black/Payne)
- Dr. Nadine Yammine (Laryngology; Drs. Kost/Chagnon)
- Dr. Koby Pitaro (McGill Auditory Sciences Lab; Dr. Daniel)

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 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 the Rhinology Fellowship last year. Both the Pediatric and Head & Neck Fellowships were approved for a two-year period following last year's positive submission.

A new fellowship was created in Laryngology, which began in July 2010. The inaugural fellow is Dr. Nadine Yammine.

A submission was approved by the Post-Graduate office to allow for a second year of Head & Neck Fellowship training for those fellows interested in microvascular - reconstructive training. Dr. Eyal Sela has been accepted for this position for the 2011-2012 academic year.

Dr. Koby Pitaro has been accepted to do a Pediatrics Fellowship under the supervision of Drs. Daniel, Manoukian, Nguyen and Schloss for the 2011-2012 academic year.

Any questions about the fellowship process can be addressed to Ms. Dolly Rabbath at: pgfellows.med@mcgill.ca or by phone at: (514) 398-8264. Their website has been updated with the new information about the deadlines and the required documents: http://www.medicine.mcgill.ca/postgrad/admission_nonministryfunded.htm

Submitted February 4th, 2011 by Dr. Jamie M. Rappaport, Fellowship Director, McGill Department of Otolaryngology – Head & Neck Surgery.

2.2.6 Continuing Medical Education (Dr. Ted Tewfik – Director)

1. Dr. Athanasios Katsarkas, Professor, Department of Otolaryngology – Head and Neck Surgery, McGill University, and Dr. Henrietta Galiana, Professor, Department of Biomedical Engineering, McGill University, gave the 13th Annual McNally Memorial Lecture on “Dizziness, vestibular dysfunction and the engineering interpretation” on November 5, 2009.
2. Dr. Gary Clayman, Professor of Surgery, Director of Head and Neck Cancer Program, Alando J. Ballantyne Distinguished Chair of Head and Neck Surgery, M.D. Anderson Cancer Center, Houston, TX, gave the 67th Herbert Birkett Memorial Lecture on “Management of recurrent & aggressive thyroid cancer” on November 12, 2009 and held a resident teaching session on November 13, 2009.
3. Dr. Lorraine LeGrand Westfall, Physician Risk Manager, The Canadian Medical Protective Association, gave a talk on “CMPA charting: How to manage potential medico-legal risks” at our university Grand Rounds on February 11, 2010.
4. Dr. Patricia Bortoluzzi, Plastic Surgery, CHUM-Sainte-Justine Hospital gave a talk on “Pediatric facial trauma” at our university Grand Rounds on February 18, 2010.
5. The Department held a successful CME Course, the 14th Annual Update in Otolaryngology Course at Mont Tremblant, QC, March 19, 20 & 21, 2010. Registrants were from across Canada and the United States.
6. The 12th Annual Raymer Lecture held at the Jewish General Hospital on April 15, 2010 was presented by Dr. Richard Béliveau, Professor, Department of Chemistry, Université du Québec à Montréal. His topic was on “Preventing chronic diseases.”
7. The 7th Melvin D. Schloss Lectureship was held at the Montreal Children’s Hospital on May 10, 2010. Dr. Patrick Froehlich, Professor at Hôpital Édouard Herriot in Lyon and Chief of Pediatric Otolaryngology at Hôpital Debrousse and Hôpital de la Femme de la Mère et de l’Enfant de Lyon, and Dr. Karen Gordon, Director of Research in the Cochlear Implant Laboratory, Hospital for Sick Children in Toronto, were our guest speakers. Dr. Froehlich’s talk was on “Minimally-invasive surgery in pediatric Otolaryngology,” and Dr. Gordon’s was entitled, “Can cochlear implants reverse effects of deafness in the central auditory system?” A pediatric otolaryngology academic day followed where residents presented excellent cases. This has become the annual research/clinical pediatric competition in our Department.
8. On May 17, 2010, Dr. Nader Sadeghi, Associate Professor of Surgery and Director of Head and Neck Surgery at George Washington University, Washington, D.C., was the invited guest at our 18th Annual Resident Research Day/James D. Baxter Lectureship. His topic was on “Surgical organ preservation in laryngeal cancer: A paradigm in evolution.”
9. The 4th Annual McGill Auditory Sciences Laboratory Lectureship and Academic Day took place on August 30, 2010. The invited speaker was Dr. Udayan Shah, Associate Professor of Otolaryngology – Head and Neck Surgery at Jefferson Medical College, Thomas Jefferson University in Wilmington, Delaware. Dr. Shah spoke about “Pediatric surgical grand rounds: Advances in pediatric endoscopic sinus surgery” and “Lasers in otology.”

10. Dr. Rogers Pierson, President and CEO, Volunteer Eye Surgeons Int., Burlington, VT, gave a talk on “My work in the developing countries” at our university Grand Rounds on October 7, 2010.
11. Dr. Brian Blakley, Professor, Department of Otolaryngology – Head and Neck Surgery, University of Manitoba, gave the 14th Annual McNally Memorial Lecture on “Objective evaluation of vestibular function for clinical purposes” on October 21, 2010.
12. Dr. Patrick Gullane, Otolaryngologist-in-Chief, University Health Network / Wharton Chair, Head and Neck Surgery, Princess Margaret Hospital / Professor and Chair, Department of Otolaryngology – Head and Neck Surgery, University of Toronto gave the 68th Herbert Birkett Memorial Lecture on November 11, 2010. The topic of Dr. Gullane’s talk was “Thirty years of head and neck: Lessons learned – Imagine the future.” Dr. Gullane also led resident teaching rounds on November 12, 2010 on “Management of non-melanotic skin cancers: Current approaches.”
13. Dr. Nicole Yee Key Li, University of Wisconsin-Madison, gave a talk on “Translational systems biology of vocal fold inflammation and healing” at our university Grand Rounds on December 16, 2010.

2.2.7 Rotation to the Quebec North – Kuujjuaq, Pivurnituq, Inukjuak, Ivujivik, Salluit (Dr. Jamie Rappaport)

During the residency program, residents at all levels have the opportunity to spend one to three weeks in Northern Quebec with an Otolaryngology staff member. Although not compulsory, this rotation is strongly encouraged and seems to be enjoyed by the vast majority of residents. This rotation allows residents to experience rural medicine in a culturally and geographically unique Canadian Inuit society.

Nunavik is the arctic portion of Northern Quebec. The region is divided into two geographic areas: the Ungava Bay region and Hudson's Bay Region. Dr. Karen Kost is the Director of Otolaryngology at the Centre Hospitalier Inuitsilivik in Pivurnituq. Dr. Jamie Rappaport coordinates otolaryngology health services at the Tulattavik Heath Centre in Kuujjuaq. Drs. Kost, Daniel and Sweet provide services to the Hudson's Bay Region, while Dr. Rappaport (and occasionally Drs. Samaha and Zeitouni) service the Ungava Bay region.

During their week in the North, residents have the opportunity to work one on one with their staff during outpatient clinics and in the operating room. This allows for intense teaching and has significant educational benefits for both the ambulatory setting and in the operating room, where the pressures of a large hospital do not apply. During a five-day workweek, surgery is scheduled for a minimum of 4 out of the 5 days, and consists primarily of otological procedures. Residents are taught step by step, and one on one, how to perform a tympanoplasty with a graded increment of technical experience being acquired over the week. By the end of the week, most residents are able to perform a Type I tympanoplasty entirely on their own. Dr. Rappaport has performed stapedectomies and ossiculoplasties in Kuujjuaq as well.

In the ambulatory setting, residents are exposed to a wide variety of otolaryngology complaints with a predominance of otology related disorders. These include hearing loss, tympanic membrane perforations and other abnormalities, as well as malignancies particular to the Inuit population such as nasopharyngeal carcinoma. Audiologic screening in Kuujjuaq is coordinated by Hannah Ayukawa, an Audiologist affiliated with the Montreal Children's Hospital. In addition to the academic value of the rotation, weather conditions and time permitting, residents are taken out into the tundra and may participate in activities such as igloo building, snowmobiling and ice fishing. Local wildlife is often encountered. The CanMEDS roles are actively integrated into this rotation as they are into other rotations.

2.3 Research

2.3.1 Departmental Laboratories

OTL Research Laboratory: (Dr. A. Katsarkas, Dr. H. Galiana) **(Submitted by Dr. A. Katsarkas)**

The work in the Dizziness Clinic, the Electronystagmography Laboratory and the Vestibular Research Laboratory at the Royal Victoria Hospital continues. The Clinic continues to accept patients from Montreal and the rest of Quebec and due to its popularity and the number of referrals we occasionally face time difficulties. Some of these patients need further investigation for possible vestibular pathology and, as during the previous years, they are tested in the Electronystagmography Laboratory. A smaller number of patients, especially in patients we attempt to determine their functional capabilities for their own benefit or for research purposes, are tested in the Vestibular Research Laboratory. Some normal subjects are also tested in this Laboratory. Normal subjects and patients are tested according to the routine about informed consent established by the previous DPS.

We also assess patients for medico-legal reasons. These patients are referred to us either by private insurance companies or governmental agencies, e.g. SCCT, SAAQ, etc.

At present, the research work deals either with clinical data, such as statistics, or with engineering processing of data. We are about to prove that the fast phase of vestibular nystagmus is heavily influenced or induced by vestibular signals. In this case the question is what happens before or after compensation after loss of vestibular function.

A major attempt is underway to simplify the vestibular testing and reduce the patient's discomfort during testing. In addition, we hope that such testing will not only helping in the diagnosis but it will also determine the functional capability of the vestibularly defective patient. In our technological world this is of utmost importance in various types of employment where accurate equilibrium is important. We have applied to CIHR and NCERC for the renewal or for new research grants and we are waiting (anxiously) for the results.

The other subject of our research is the modification of other sensory inputs in patients who lost vestibular function. For this purpose a rotating platform has been constructed in the Laboratory with the help of a number of engineers.

During the year we accepted also two colleagues as observers who worked with us for a few months: one from Japan, the other from Greece. As previously, I would like once again to thank the main collaborators in the Vestibular Laboratory Dr. Henrietta Galiana and Heather Smith, M.Eng. I would like also to thank Dr. Ross Wagner for his invaluable assistance and a number of graduate students who participate in our research. The work in the Vestibular Laboratory is an excellent example of research with immediate clinical applications as well as an example of research with the collaboration of clinicians and basic scientists. We are determined to continue it.

McGill Auditory Science Laboratory: (Dr. Sam Daniel)

The McGill Auditory Sciences Laboratory has gained national and international reputation. The focus of our work is on the prevention of ototoxicity using an animal model that we developed. Other work on neonatal hearing screening and middle ear mechanics is done jointly with Dr. Funnell. The third focus is on laryngeal mechanics in collaboration with Dr. Mongeau.

No doubt, our laboratory is the best funded otolaryngology laboratory in Canada and certainly one of the best funded world-wide. Dr. Daniel's application ranked first at the very difficult FRSQ Fundamental Committee. His CIHR application on ototoxicity ranked 2nd at the equally difficult CIA committee. Dr. Daniel was also awarded a CFI equipment grant for \$350,000. This will allow us to purchase the latest technology for hearing assessment.

Our laboratory is so active that we currently employ a full-time veterinarian on-site. Our weekly laboratory rounds held in the board room on Mondays currently involve three to five other McGill laboratories and cover a large breadth of otolaryngology research. All are welcome to attend.

Auditory Mechanics Laboratory (Dr. Robert Funnell)

I have continued my work developing interactive 3-D models for use in teaching medical and dental students at McGill. The development of these models, and of the software for viewing them, is extremely time-consuming. I have been working on this single-handed, with suggestions and guidance from the anatomy teachers themselves. Each of the models used in a lecture has been developed to show particular difficult 3-D relationships specified by the lecturer. The models were first used, by Elaine Davis in Unit 3 of *Basis of Medicine* (BOM), at the end of 2008. During the period of this 'annual' report, I created additional pelvis models for the Unit 3 lectures. In the feedback on the course of the previous year, students mentioned that they had appreciated being able to use the 3-D models for review, and at least one student experienced an *aha!* moment when one of the models was shown in class. The interest in using such models has been increasing recently. I developed two new skull models that were used by Karen Samonds in her lectures to dental students in 2010 Jan (Unit 10); and two new skull models that were used by Gary Bennett in his BOM Unit 6 lectures in 2010 Mar–Apr. Most recently I have been collaborating with Geoffroy Noel, who has replaced Samonds. Noel has identified the throat as another important area for development of our head model and he has started to work on that region; he has also identified a particular region in the abdomen as presenting 3-D challenges in teaching. We have started to look for undergraduate students to work on these teaching models, with the support of Elaine Davis and Louis Herno.

Since 2010 May, an undergraduate student and I have been developing a model of the arteries and other structures in a part of the brain identified by Colin Chalk (neurologist and co-chair of Unit 6) as challenging, and we have recently received encouragement from Gérard Mohr, Neurosurgeon-in-Chief at the Jewish General Hospital. This model will probably be aimed at residents rather than medical and dental students.

In relation to my newly purchased haptics device, I am collaborating with Paul Kry in Computer Science. The goal of our project is to develop an innovative simulator for endoscopic sinus surgery. Although the techniques developed will be applicable to many different areas, this particular area was chosen because of interest expressed by clinicians in Otolaryngology – Head & Neck Surgery. It is a research project that will have significant payoffs for teaching at the resident level and beyond.

I have assisted Zsuzsanna Bencsath-Makkai in various aspects of the development of the Histology Atlas of Yves Clermont and Michael Lalli. The Atlas was released to the Faculty of Medicine in 2009 Dec.

Again this year I produced the individualized histograms of grades for the Dean's letters for graduating medical students, using software that I developed. The histograms are produced for two different points in the curriculum for each class. In 2009 Jun I had to make substantial changes to the software because the legends were made bilingual. Smaller changes were required in 2009 Aug.

I have created a detailed outline for a new course, *Finite-element modelling in biomedical engineering*. I have obtained nine consultation reports and have received departmental approval. To help in developing the course, in 2010 Dec I attended a 1½-day *Introduction to Course Design and Teaching Workshop*.

For the 2010 McGill Open House, designed to attract new students, in 2010 Aug I created the text and prepared the images for a one-page BME handout, and in 2010 Oct I created the department's poster (with help from Ross Wagner) and arranged for faculty members and graduate students to be present at our table.

Wireless Informatics in Health Care: (Dr. Bernard Segal)

A. Overview

This research aims to facilitate safe wireless informatics usage in healthcare by unblocking obstacles to wireless usage in healthcare. Bernard Segal is the Principle Investigator of a highly-inter-disciplinary (otolaryngology, engineering, epidemiology, medicine) multi-hospital (Jewish General Hospital, MUHC (RVH & MGH), St Mary's Hospital), multi-university (McGill, Concordia, University of Montreal) research project. We have recently installed a low-error location system in the emergency room of the Royal Victoria Hospital, which will help improve patient safety, develop better ways to support clinical-care information-technological support, as well as provide way to monitor, evaluate, and improve clinical workflow.

B Grants

1. "Wireless Healthcare: Implementation & Applications: Use of Wireless and Location Information in a Québec Emergency Room"

PI: Segal B, with Trueman C, Poissant L, Tamblyn R, Huang A, Beique M, Verter V, Pomalaza J
PROMPT (FQRNT-coordinated internationally-peer-reviewed grant) 2009-2011
\$104,925

3. "Location-assisted clinical communications"

PI : Labeau F, with Segal B, Le-Ngoc T, Trueman C, Doran D
NSERC CRD 2009-2011
\$283,582

C. Publications

Refereed Conference-Proceeding Multi-page Papers

1. Ardavan M, Schmitt K, Trueman CW, (2010) A Preliminary Assessment of EMI Control Policies in Hospitals ANTEM (Symposium on Antenna Technology and Applied Electromagnetics)
2. Huang A, Segal B (2011) “A literature review of the safety of medical body area network devices in magnetic resonance imaging” Proc of 5th International symposium on medical information and computer technology, Montreux, Switzerland.
3. Ardavan M, Trueman CW, Schmitt K (2011) Reliability of Ricean and Rayleigh Functions in Estimating Field Distribution in Indoor Propagation International Review of Progress in Applied Computational Electromagnetics. March 2011.
4. Ardavan M, Trueman CW, Schmitt K (2011) A Sabine-Ricean approximation for the risk of exceeding immunity. Proceeding of the Antennas and Propagation Society. July 2011.

Book chapters, Contributions to collective works, Reviews (Non-refereed)

1. AAMI (2010) “Guidance on electromagnetic compatibility of medical devices in healthcare facilities” AAMI/TIR18:2010 (2nd ed), Technical Information Report by special subcommittee of AAMI EMC committee: D Heirman, D McLain, S Cantwell, R Hampton, R Jenkins, B Segal, J Silberberg, D Witters, J Eggleston. 78 pg. ISBN 1-57020-379-2. Association for the Advancement of Medical Instrumentation. Arlington VA.

Presentations (Non-refereed)

5. Segal B (2011) “Report on Wireless Healthcare: Implementation & Applications”. Bell and Prompt special committee.

D. Research Trainees

| | | |
|-----------|-------------------|--|
| J Quach | Research Engineer | Jewish General Hospital |
| M Ardavan | PhD student | Concordia University (Supervisor: C Trueman) |
| T Leao | PhD student | Concordia University (Supervisor: C Trueman) |

E. Conferences Co-organized

1. “Fourth International Symposium on Medical Informatics and communication technologies”. Taiwan. March, 2010. (See ISMICT2010.org).
2. “Fifth International Symposium on Medical Informatics and communication technologies”. March, 2011. (see www.ISMICT2011.org)

2.3.2 Research Projects and Grants

2009 Project title: The association between chronic rhino-sinusitis (CRS) and extra-esophageal gastric Reflux (EEGR) in pediatrics using pepsin immunoassay. (M. Al-Essa, J.J. Manoukian, M.D. Schloss, S. Daniel, T. L. Tewfik, L. Nguyen, H. AlShemari, F. Al-Saab, S. Al-Ghamdi, Q. Hamid)

Granting agency: McGill University, Otolaryngology – Head and Neck Cancer Research Fund and Meakins-Christie Laboratories

Amount: \$12,000 CD

2009 Project title: Validation of a Pediatric Reflux finding score and questionnaire. (V. Cote, J.J. Manoukian, V. Morinville, S. Daniel, J. Kimoff, R. Payne, M.A. Latremouille, L. Nguyen).

Granting agency: Grants from three sources,

- i. American academy of Otolaryngology – Head and Neck Surgery (American Laryngological

Association), amount \$10,000 USD

- ii. Montreal Children's Hospital Research Institute, amount \$7,500 CD

- iii. McGill University, Otolaryngology - Head and Neck Cancer Research Fund, amount \$12,000 CD

Amount: \$10,000 US\$ + \$19,500 CD

CIHR Operating Grant.

This application ranked 2nd in the Clinical Investigation A Committee

Sam Daniel, Principal Investigator

Total Amount: \$350,000

Funding period: April 2008- April 2011

CIHR Operating Grant.

Sam Daniel, Co-Principal Investigator with Robert Funnell

Total Amount: \$446,901

Funding period: January 2010 - January 2013

CIHR Operating Grant.

Sam Daniel, Co-Principal Investigator with Robert Funnell

Total Amount: \$100,000

Funding period: January 2009- April 2009

National Institutes of Health (NIH) (USA).

Sam Daniel, Co-applicant with Dr Luc Mongeau. Total amount \$2,063,038.

Funding period: December 2008-September 2011

Canadian Foundation for Innovation Leaders Opportunity Fund.

Sam Daniel, Principal applicant. Total amount \$350,000.

Funding: 2008-2009

Sickkids Foundation New Investigator Grant

Sam Daniel, Principal investigator

Total amount \$129,880 – August 2007-2009

CIHR operating grant

Hearing screening and diagnosis in newborns

Robert Funnell, Principal Investigator. Research team: Sam Daniel

2009 01 – 2010 03

\$100,000/year

CIHR operating grant

Mechanics of the outer and middle ear in newborns and infants

Robert Funnell, Principal Investigator. Research team: Sam Daniel

2010 01 – 2013 03

\$128,777/year

NSERC operating grant

Three-dimensional modelling of complex natural structures

Robert Funnell, Principal Investigator

2010 04 – 2015 03

\$23,000/year

NSERC equipment grant

Haptic devices for interacting with models of complex natural structures

Robert Funnell, Principal Investigator

2010 04 – 2011 03

\$81,863/year

University of Minnesota (NSF) - \$2,500,000. “Engineering Research Center on Compact and Efficient Hydraulic Fluid Power Systems,” July 2006 – June 2011. (Co-P.I.: M. Ivantysynova, S.H. Frankel, and S. Wereley)

Pittsburgh University (NIH – NIDCD) - \$200,000. “Hybrid model of vocal inflammation and tissue mobilization,” April 2007 – March 2012. (subcontract, co-P.I.: T. Siegmund)

Vocal Fold Vibration Measurements with the Use of Laser Doppler Vibrometry - funded through a grant received by Dr Mongeau

Alfred Chan, Karen Kost MD, Nadine Yammine MD, Luc Mongeau

NIH: 2 R01 DC002390-11 National Institutes of Health (NIH, USA) \$1,205,010

(PI: Minor/Cullen) 09/ 2005- 10/2010

“Physiology of Vestibular Compensation.” Role: co-applicant with Dr. LB. Minor, Johns Hopkins: 5 year Operating Grant, The major goal of this project is to study the compensation following peripheral vestibular damage in monkeys.

CIHR/MOP 42440 Canada Institutes of Health Research \$ 157,554 / year

(PI: Cullen) 10/2011 – 09/2015

“The Role of the Vestibular System in the Control of Voluntary Movements.” : 5 year Operating Grant, The major goal of this project is to study the behaviorally-dependent gating of vestibular pathways (that do not mediate the VOR) during active versus passive head rotations in normal monkeys.

NSERC/ 155118-98 National Science and Engineering Foundation of Canada \$222,758

(PI: Cullen) 05/2003 – 04/2011

“The Neural Control of Disjunctive Eye Movements.” The major goal of this project is to study the neural circuits that underlie the premotor control of disjunctive eye movements.

FQNRT Le Fonds québécois de la recherche sur la nature et les technologies \$266,000

(PI: Cullen/Chacron) 05/ 2010- 05/2013

Le traitement nonlinéaire de l'information sensorielle dans le système vestibulaire et ses conséquences sur le comportement : 3 year Operating Grant. In these studies we use a combination of mathematical modeling, in vivo electrophysiological recordings from peripheral and central vestibular neurons, as well as the parallel characterization of animal behaviour to better understand how neural variability and system nonlinearities can be used to transmit vestibular sensory information and whether this information is actually used by the organism.

McGill University Dawson Chair Program: Salary Award + operating funds \$75,000 (operating)

(PI: Cullen) 05/2002-04/2011

This is a small grant that has been awarded with the Dawson Chair. The monies from this source have been used to develop a mouse laboratory. The goal of this work has been to characterize vestibularly-driven reflexes in normal versus mutant mice.

“Wireless Healthcare: Implementation & Applications: Use of Wireless and Location Information in a Québec Emergency Room”

PI: Segal B, with Trueman C, Poissant L, Tamblyn R, Huang A, Beique M, Verter V, Pomalaza J

PROMPT (FQRNT-coordinated internationally-peer-reviewed grant) 2008-2011 \$104,925

“Location-assisted clinical communications”

PI : Labeau F, with Segal B, Le-Ngoc T, Trueman C, Doran D

NSERC CRD 2008-2011 \$283,582

“Wireless Healthcare: Implementation & Applications” & “Location-assisted wireless communication.”

Co-PI: Segal B, Labeau F

Bell Canada (FQNRT-coordinated internationally-peer-reviewed grant) 2009 \$65,500

“Wireless Healthcare: Implementation & Applications: Minimization of medication errors in a Quebec emergency room using wireless information”

PI: Segal B, with Trueman C, Poissant L, Tamblyn R, Huang A, Beique M, Sorge R, Graves A

PROMPT (FQNRT-coordinated internationally-peer-reviewed grant) 2006-2009 \$150,000

“Wireless Healthcare: Implementation & Applications”

PI: Segal B, with Trueman C, Poissant L, Tamblyn R, Huang A, Beique M, Sorge R

Bell University Laboratories (FQNRT-coordinated internationally-peer-reviewed) 2006-2009 \$130,000

Agency: Canadian Institutes of Health Research

Project title: *Establishment of a Canadian based international research network to improve quality of life, communication, and economic outcomes in head and neck Cancer survivors.*

Principal Investigator: Jana M. Rieger

Co-investigators: H. Seikaly, M. Hier, S. Lee, R.P., Happonen, R. Schmelzeisen, J.F., Wolfaardt, J.R., Harris, M.L., Urken, J. Ruseski
Dates: March 2010 – April 2011
Amount: \$100,000.00

Junior Investigator Grant Panel Travel Award
Canadian Cancer Society Research Institute (CCSRI)
Melissa Henry
2011
\$1000

Canadian Institutes of Health Research (CIHR)
(submitted in March 2011; under review)
Randomized controlled trial of the Meaning-Making intervention (MMi) in patients newly diagnosed with advanced cancer: A pilot study
Principal Investigator
Henry, M. (PI), Cohen, S.R. (PI), Heyland, D., Platt, R., Azoulay, L., Thirlwell, M.P., Gotlieb, W., Lau, S., Gilbert, L., Sultanem, K., Batist, G. & Lapointe, B.
10/2011 – 10/2013
\$109,898

Canadian Institutes of Health Research (CIHR)
(submitted in March 2011; under review)
Creating meaning following metastatic cancer: A cognitive-existential intervention to improve existential and global quality of life
Co-Investigator
Gagnon, P. (PI), Fillion, L. (co-PI), Aubin, M., Blais, M.-C., Chochinov, H., Couture, F., Daignault, A., Henry, M., Provencher, L. & Savard, J.
10/2011 – 10/2013
\$51,605

Ride to Conquer Cancer (RTCC) Research Fund
(submitted in January 2011; under review)
Prospective study of quality of life trajectories and at-risk lifestyles in head and neck cancer patients
Principal Investigator
Henry, M. (PI), Frenkiel, S., Black, M., Hier, M., Mlynarek, A., Kost, K., Zeitouni, A., MacDonald, C., Boccardi, S., Myron, V., Aguzzi, A., Rosberger, Z.
06/2011 – 06/2012
\$26,762

Weekend to End Breast Cancer & Jewish General Hospital Foundation
(obtained)
Coping action patterns in women with breast cancer and controls
Co-Investigator
Perry, J.C. (PI), Foley, E. & Henry, M.
07/2009 – 07/2010
\$22,890

Canadian Cancer Society Research Institute (CCSRI)

(obtained)

Creating meaning following a cancer: A cognitive-existential intervention to improve existential and global quality of life

Co-Investigator

Gagnon, P. (PI), Fillion, L. (co-PI), Blais, M.-C., Aubin, M., Chochinov, H., Henry, M., Couture, F. & Provencher, L.

\$657,865

07/2008 – 07/2012

Fonds Québécois de la Recherche sur la Société et la Culture (FQRSC)

(obtained)

Centre for Research and Intervention on Suicide and Euthanasia

Co-Investigator

Mishara, B. (PI), Chagnon, F., Daigle, M., Gratton, F., Greenfield, B., Henry, M., Houle, J., Labelle, R., St-Laurent, D., Julien, D., St-Arnaud, J., Weisstub, D., Tousignant, M.

07/2008 – 07/2012

\$627,130

Canadian Institutes of Health Research (CIHR)

(obtained)

Suicide, santé mentale et milieu de travail: Étude des conséquences du suicide d'un travailleur sur la santé mentale des collègues et sur le climat de travail

Co-Investigator

Mishara, B. (PI), Alderson, M., Chagnon, F., Daigle, M., Greenfield, B., Henry, M., Lesage, A., Raymond, S., Soares, A., St-Laurent, D.

07/2008 – 07/2012

\$286,363

Athanasios Katsarkas

Continuing the work on the function and the dysfunction of the vestibular system with Dr. H. Galiana (CIHR, NCERC). We are applying for \$ 125,000 to CIHR (1/3/2011) for the continuation of our work.

Awarded Grants: Canadian Institute for Photonics innovations (CIPI)

Technology Exploitation Network (TEN) grant, valued at 50,915\$.

Title: Ultrafast Laser Ablation of Tissue

(Wiseman, Jowett, Mlynarek, Kraemer, Hamdy, Harrison)

Grant Pending Decision (July 2011): AAO-CORE Oticon/AAO-HNSF Resident

Research Grant (Value 9976)\$

Title: Osseointegration Following Ultrafast Laser Ablation Osteotomy

(Jowett, Mlynarek, Kraemer, Cowan, Wiseman, Harrison)

Awarded Scholarship: Canadian Institutes of Health Research Banting and Best MSc Award (Value 17,500).

Jowett (Supervisor Mlynarek)

Other Research Projects: (clinical)

Dr. Sam Daniel

Management of sialorrhea

Dr. Saul Frenkiel

Clinical project supervisor, “The role of virtual endoscopy in rhinology practice.” Department of Otolaryngology – Head and Neck Surgery, McGill University.

Research collaborator, “Establishment of a human airway epithelial cell culture core facility,” with Dr. Renaud Robert, Dr. John Hanrahan (PI-CIHR grant), Department of Physiology, McGill University.

Research supervisor, “A pilot study to assess the potential value of measuring nasal temperature for the assessment of nasal congestion,” Department of Otolaryngology – Head and Neck Surgery, McGill University, with Dr. R. Castanio, University of Montreal.

Research supervisor, “Looking beyond disfigurement: A holistic approach to understand the lived experience of disfigurement in head and neck cancer patients,” Faculty of Medicine Research Bursary Program.

Dr. Karen Kost

Perceptions of practicing Otolaryngologists toward Geriatric Otolaryngology,

Laryngeal Papillomatosis: Voice Handicap Index and Quality of life

Dr. Alex Mlynarek

Multicenter Review of Hypopharyngeal Reconstruction

Identification of high risk patients with cutaneous squamous cell carcinoma

Risks of performing tracheostomies in patients with laryngeal squamous cell carcinoma

Dr. Mark Samaha

Pterygopalatine fossa injection to decrease bleeding during endoscopic sinus surgery

Outcomes of endoscopic sinus surgery in asthmatic patients

Endoscopic resection of inverting papilloma

Cost effectiveness of Endoscopic Sinus surgery

Dr. Melvin Schloss

Retrospective Review of Mastoidectomy at the MCH

Dr. Robert Sweet

Lactate otoprotection against cisplatin ototoxicity

Dr. Marc Tewfik

Correlation of Clinical History and Physical Exam to Positive CT Findings for Non-Polypoid Para-Nasal Sinus Disease (Dr. AlipashaRassouli)

Comparison between manual and semiautomated volume measurements of pituitary adenomas (Dr. Qasim Al-Hinai)

Evaluation of the olfactory function following trans-nasal trans-sphenoidal endoscopic resection of pituitary adenomas (Dr. Qasim Al-Hinai)

Dr. Anthony Zeitouni

Comparison of manual and semiautomated volume measurements for pituitary tumors

Smell disturbances with extended transnasal skull base approaches

Role of radiation therapy after acoustic neuroma surgery

HPV and oral cavity cancer

Cochlear implants and vertigo

2.4 Promotions, Recruitment, Departures

Dr. Richard Caouette (Gatineau)

Dr. Renée Dionne (Gatineau)

Dr. Melissa Henry (PhD)

Dr. Yolène Lacroix

Dr. Michel Lalonde (Gatineau)

Dr. Alex Mlynarek, Head and Neck Surgery (July 1, 2009)

- Completed two years of fellowship in head and neck oncology and microvascular reconstruction, University of Alberta (1 year), University of Auckland (1 year)

Dr. Luc Monette (Gatineau)

Dr. Lyne Picard (Verdun)

Dr. Marc Tewfik, Rhinology & Skull Base Surgery (July 1, 2010)

- Two years of fellowship, University of Adelaide

Dr. Vi (Thien Tuong) Vu

Dr. Jonathan Young, Laryngology (July 1, 2010)

- Fellowship, Massachusetts Eye and Ear Institute, Harvard University

Departures

Dr. Mindy Black (2009)

2.5 Academic Staff Activities

Dr. Martin Black

Appointments

Director of Head and Neck Oncology, McGill University
 Senior Otolaryngologist, The Jewish General Hospital

Presentations

Thyroid Cancer Update-Public Information Session

- presented in French and English
- September 2010

Presentation to the Senior Medical Students Anatomy for Surgeon's Course

- McGill University
- March 2010

Dr. Kathleen Cullen

1. Current administrative positions and committee memberships :

| | |
|---------------------|---|
| PROFESSIONAL STATUS | Professor, Department of Physiology and William Dawson Chair in Neuroscience, McGill University Chair, McGill University Physiology Graduate Program Associate Member, Department of Biomedical Engineering Associate Member, Department of Neurology and Neurosurgery Associate Member, Department of Otolaryngology Sept 2010 -2011 Visiting Professor MIT; Harvard Medical School (sabbatical) |
|---------------------|---|

Departmental Committees

| | |
|---------------|--|
| 2005- present | Chair, Graduate Student Admissions and Advisory Committee Department of Physiology, McGill University |
| 1995-present | Member, Graduate Student Research Day Planning Committee Department of Physiology, McGill University |
| 2000-present | Member, Chairman's Advisory Committee Department of Physiology, McGill University |

Faculty and University Committees

| | |
|--------------|--|
| 2005-present | Member of McGill Association of University Teachers (MAUT) Recruiting Committee |
| 2006-present | Member: University Tenure Committee for the Faculty of Arts |

| | |
|--------------|---|
| 2007-2009 | Executive Committee: McGill's Centre for Teaching and Research on Women, McGill University |
| 2008-present | Member: University Advisory Committee for the Selection of a Dean of Law |
| 2009-present | Member: University Appeals Committee |
| 2009-present | Member: Principal's Task Force on Diversity, Excellence and Community |
| 2010-present | Member: University Advisory Committee for the Selection of a Chair of the Department of Physiology, Faculty of Medicine |

2. Teaching activities

| | |
|---------------|--|
| 1994- present | Lecturer, McGill University, Physiology 552-556B (Topics in Systems Neuroscience). 3 credit course, Graduate level course. Responsible for organizing and teaching course. The format consists of: 1 1/2 hours per week lecture on a contemporary topic in systems neurophysiology followed by 1 1/2 hours per week class discussion of relevant classic scientific articles. |
| 1996- present | Lecturer, McGill University, Physiology 552-451A (Advanced Neurophysiology). Four, 1 1/2 hour, lectures per year on the neural Mechanisms and computational principles underlying sensori-motor transformations. |
| 1997- present | Seminar Leader, McGill University, Physiology 725D (Departmental Ph.D. Seminar). 15 seminars per year in systems and integrative physiology. 2001-present Lecturer, McGill University, Neurology Residents- Academic Half Day A two hour lecture covering topics including: the vestibular system, cerebellar, and postural reflexes, or locomotion at the basic science level with links to clinical applications. |
| 2001- present | Lecturer, McGill University, Physiology 552-314A (Integrative Physiology) 3 credits, Undergraduate level course. Responsible for organizing and teaching in course. The format consists of three, 1 hour lectures per week. Course considers the spatial and dynamic processing of sensory information, the control of voluntary movement as well as more cognitive functions. I teach 6 lectures per year on sensori-motor transformations. |
| 2003- present | Lecturer, McGill University, Medical School Teaching (unit 6) 5 lectures per year in the Neuroscience Unit with focus on the physiology of the visual, auditory and vestibular systems. |
| 2003- present | Seminar Leader, McGill University, Physiology 552-459D (Departmental Honors Undergraduate. Seminar). 1 seminar per year in systems and integrative physiology. |
| 2004-2008 | Development of a Majors Program in Neuroscience: |

| | |
|---------------|---|
| | An Interdepartmental Program including the Departments of Physiology, Biology, and Psychology. |
| 2005- present | Seminar Leader, McGill University, Physiology 552-618,619 Research Topics in Physiology). 1 credits each term, fall./winter. Graduate Level course. The format consists of: 1 hours per week lecture on a contemporary topics in research physiology. |
| 2007-present | Lecturer, McGill University, Neurology and Neurosurgery 603B (Computational Neuroscience). Graduate level course. A 3 hour lecture each year on control systems approaches to sensory processing and motor control. |

3. Presentations

Organization of Conferences and Symposia

| | |
|------------|---|
| 2009- 2010 | Organizing Committee: Satellite Meeting of the Canadian Association of Neuroscience (CAN) Meeting which will be organized by the Canadian Action and Perception Network (CAPNET). |
| 2009- 2010 | Organizing Committee: Satellite Symposium to the XXVI Bárány Society Meeting "The Vestibular System: Current Research and Future Directions, A Symposium in Honor of Jay Goldberg ", August 16-17, 2010 |
| 2009-2011 | Gordon Research Conference Chair Oculomotor Systems Biology, Bates College, Lewiston Maine |

McGill Courses: See above under teaching #2

Seminars and lectures (Invited Speaker)

| | |
|--|------|
| Centre for Research in Neuroscience, McGill University Health Centre Montreal General Hospital | 2010 |
| Johns Hopkins University, Baltimore, Maryland The Bodian Seminar, The Zanvyl Krieger Mind/Brain Institute | 2010 |
| Montreal Children's Hospital, McGill Auditory Sciences Laboratory | 2009 |
| Erasmus University, Rotterdam, Netherlands, Department of Neuroscience | 2009 |
| Peter Wall Institute for Advanced Studies, University of British Columbia Invited Speaker: Sensorimotor Computation Major Thematic Grant, | 2009 |

Major International Symposia

| | |
|---|------|
| Invited Speaker: Collège de France and Peter Wall Institute for Advanced Studies (University of British Columbia, BC, Canada), Workshop on Sensorimotor Computation, Paris France | 2010 |
| Invited Speaker, Gordon Research Conference Sensory Coding in the Natural Environment, Bates College, Maine, | 2010 |

| | |
|---|------|
| July 25-30, 2010. | |
| Invited Speaker, Canadian Association for Neuroscience Meeting Action Potential Patterning & Neural Coding: Linking Cellular with Systems Level Processes | 2010 |
| Neural Control of Movement (NCM) Society Meeting, Invited Speaker: Can a unified conceptual framework reconcile the diverse functions attributed to the rostral superior colliculus? Big Island, Hawaii | 2009 |

4. Courses organized/Directorships

| | |
|---------------|---|
| 2001- present | Course Director, McGill University, Physiology 552-314A (Integrative Physiology) 3 credits, Undergraduate level course. Responsible for organizing and teaching in course. The format consists of three, 1 hour lectures per week. Course considers the spatial and dynamic processing of sensory information, the control of voluntary movement as well as more cognitive functions. I teach 6 lectures per year on sensori-motor transformations. |
| 2001- present | Lecturer, McGill University, Physiology 552-314A (Integrative Physiology) 3 credits, Undergraduate level course. Responsible for organizing and teaching in course. The format consists of three, 1 hour lectures per week. Course considers the spatial and dynamic processing of sensory information, the control of voluntary movement as well as more cognitive functions. I teach 6 lectures per year on sensori-motor transformations. |
| 2005- present | Course Director, McGill University, Physiology 552-618,619 Research Topics in Physiology). 1 credits each term, fall./winter. Graduate Level course. Responsible for organizing and managing course. The format consists of: 1 hours per week lecture on a contemporary topics in research physiology. |
| 2009-2010 | Course Director, Neuroscience 400D1, D2 (Neuroscience Seminar). Students demonstrate their understanding of neuroscience by writing critical analyses of selected research seminars. |

6. Scientific projects

Neuro-otology: (Vestibular physiology and gaze control laboratory: Dr. Kathleen Cullen)
 Dr. Cullen is a recognized authority in the area of systems neuroscience. As head of the Vestibular and Gaze Control laboratory in the McIntyre Medical Building, she supervises 12 people (7 graduate students, 2 pdfs, 1 honors student, and 2 staff) that investigate the mechanisms by which self motion (vestibular) information is integrated with signals from other modalities to accurately control eye, head, and body movements in relation to a stable external reference system. Experiments are aimed at understanding vestibular processing in health and disease, and test how peripheral stimulation via novel vestibular prosthetic devices alters signals in central brain pathways.

Notably, the research program studies the sensorimotor transformations that sense movement and coordinate appropriate behavior, by tracing the coding of vestibular stimuli from peripheral afferents, to behaviorally-contingent responses in central pathways, to the readout of accurate behavior. The experimental approach is multidisciplinary and includes a combination of behavioral, neurophysiological and computational approaches in alert behaving non-human primates and mice. Funding for the laboratory is provided by the Canadian Institutes for Health Research (CIHR), The National Institutes of Health (NIH), Canadian Space Agency (CSA), the National Sciences and Engineering Research Council of Canada (NSERC), Le Fonds québécois de la recherche sur la nature et les technologies (FQRNT) and McGill University.

Our laboratory holds a weekly laboratory meeting on Thursday, which is currently attended by members of several other McGill laboratories and covers a large breadth of neuro-otolaryngology research. All are welcome to attend.

In addition, we have had 2 visiting professors spend time in our laboratory this past year:

- Dr. Lloyd Minor (M.D), Chair and practicing clinician in the Dept of Otolaryngology at the Johns Hopkins Univ, July 2010. Dr. Minor is an internationally recognized expert in hearing and balance disorders
- Dr. Charles Della Santina (M.D), Professor and practicing clinician in the Dept of Otolaryngology/Biomedical Engineering at the Johns Hopkins Univ, August 2010. Dr. Della Santina is an internationally recognized expert in vestibular prosthetics.

Current Trainees

Massot, Corentin Post-Doc 2006-present

McGill University Faculty of Medicine Internal McLaughlin postdoctoral Fellowship

Project: Vestibular processing; Detection Theory and Information

Principal Investigator: Dr Kathleen Cullen

Carriot, Jerome Post-Doc 2008-present

McGill University Faculty of Medicine Internal McLaughlin postdoctoral Fellowship

Project: Vestibular neural processing during head translations and movement combining rotations and translations.

Principal Investigator: Dr Kathleen Cullen

Van Horn, Marion Ph.D candidate 2003- 2010 (conferred)

FRSQ PhD Grant

Project: The Neural control of disconjugate eye movements

Principal Investigator: Kathleen Cullen

Brooks, Jessica Ph.D candidate 2004- 2011(expected)

FQRNT bourse de doctorat

Project: Differential encoding of active and passive vestibular signals.

Principal Investigator: Kathleen Cullen

Mitchell, Diana M.Sc Ph.D candidate 2009- 2013 (expected)

CIHR Frederick Banting and Charles Best Canada Graduate Scholarships - Master's Award
Project: The Physiology underlying Vestibular Compensation in Health and Disease
Principal Investigator: Kathleen Cullen

Jamali, Mohsen Ph.D Ph.D candidate 2006- 2011 (expected)
Vanier Canada Graduate Scholarships (CIHR PhD Grant).
Project: Neural coding in the vestibular system: bridging the gap between neural responses and behaviour.
Principal Investigator: Dr Kathleen Cullen

Schneider, Adam Ph.D candidate 2009- 2013 (expected)
FQRNT PhD. Fellowship
Project: Information processing and reafference cancellation in vestibular nucleus neurons: a computational study.
Principal Investigators: Kathleen Cullen & Maurice Chacron

Dale, Alexis Ph.D candidate 2009- 2013 (expected)
Alexis completed her B.Sc. at MIT last year and joined my laboratory as a PhD student this September. She is currently funded by my CIHR grant to study how the brain distinguishes between active and passive motion.

Ioana Medrea M.D./Ph.D candidate 2009-
Ioana started in the M.D./Ph.D. program this fall and is completing her Ph.D. in my laboratory. She is currently funded by a McKeown Summer Research Scholarship for \$3885 And will be funded by a CIHR PhD Grant \$21, 000 starting next year. In addition, she was awarded a Corcoran Scholarship for \$2500 for this year

Jonathon Milligan
NSERC Undergraduate Student Research Award
Project: Assessing the Cervico-Ocular Reflex in mice with normal and compromised peripheral vestibular function
Principal Investigator: Dr. Kathleen Cullen

Dr. Sam Daniel

Current Administrative Positions and Committee Memberships

Hospital

- Director, Division of Pediatric Otolaryngology, McGill University, Montreal, Quebec (November 2008 - 2013)
- Acting Surgeon-in-Chief, Montreal Children's Hospital, Dec 29 2010- Jan 9 2011.

- Director and founder, Saliva Management Clinic, Mackay Rehabilitation Centre, Montreal, Quebec (2005-present)
- Director of Otolaryngology, Mackay rehabilitation Center (2005-present)
- Member of the Montreal Children's Hospital Ambulatory Services Planning Committee for the new MUHC
- Member Craniofacial Anomalies, Cleft Lip and Palate Committee
- Member of the Animal Users Committee, Montreal Children's Hospital

University

- Director of Clinical Research, Department of Otolaryngology, McGill University, Montreal, Quebec, Canada (2009 - present)
- Member of the admissions committee, faculty of medicine, McGill University (2009 -).
- Course director, Master of Science in Otolaryngology, McGill University, Montreal, Quebec, Canada, (July 2006 - present)
- Associate Professor with Tenure (GFU), Department of Otolaryngology, McGill University, Montreal, Quebec, Canada (May 2009 – present)
- Director, McGill Temporal Bone Laboratory (2005 - present)
- Search committee, Chair of School of Communication Sciences & Disorders, 2010-2011
- Associate Director of Research, Department of Otolaryngology, McGill University, Montreal, Quebec, Canada (2003 - 2009)
- Member of the residency training committee, Department of Otolaryngology, McGill University (2003 - present)
- Member of the fellowship committee, Department of Otolaryngology, McGill University (2003 - present)
- Member of the research committee, Department of Otolaryngology, McGill University (2003 - present)
- Member of the McGill Head & Neck Fundraising committee, McGill University (2003 - present)
- Associate member, Integrated Program in Neuroscience, McGill University (2009-present)
- Associate member, Department of Experimental Surgery, McGill University (2006-present)

National/International Societies

- Planning Committee, Society for Ear, Nose and Throat Advances in Children (SENTAC) Annual Meeting, Cincinnati, OH, December 2010
- American Society of Pediatric Otolaryngology (ASPO) research committee, May 2009- May 2012
- Program Committee, Society for Ear, Nose and Throat Advances in Children (SENTAC), 2009
- Awards Committee, Royal College of Physicians and Surgeons of Canada, 2009-2011
- International faculty, XI International Facial Nerve Symposium, Italy, April 2009
- Member of the committee on hearing, Quebec Association of Otolaryngology (2007-2010)
- Member Practice Audit Committee, Quebec Association of Otolaryngology
- Member of the coalition for hearing screening in Quebec
- Treasurer, Canadian Society of Otolaryngology-Head & Neck Surgery, 2011-2015
- CPD/CME educator, Royal College of Physicians and Surgeons of Canada, 2010-2012
- Member, Regional Advisory Committee, Royal College of Physicians and Surgeons of Canada, 2010
- President, International Congress on Salivary Gland Disorders, Montreal, October 2009
- Member of the awards committee, Royal College of Physicians and Surgeons of Canada, 2009-2012

- President, Quebec Association of Otolaryngology annual meeting, October 2009
- Examiner, Medical Council of Canada Qualifying Examination Part II, 2010
- Member of the Executive Council of the Canadian Society of Otolaryngology-Head & Neck Surgery (2008 –)
- Chair, Continuing Medical Education / Continuing Professional Development Committee, Canadian Society of Otolaryngology-Head & Neck Surgery (2007 – 2011)
- Chair, Pediatric Otolaryngology Group, Canadian Society of Otolaryngology-Head & Neck Surgery (2006 - present)
- Member of the board of directors, Quebec Association of Otolaryngology (2007-2010)
- Chairman, Continuing Professional Development, Quebec Association of Otolaryngology (2007-2010)

Teaching Activities

Undergraduate (Medical School)

Medical students lecture, Unit 7, Otolaryngology infections

Laboratory Demonstrator, Head and neck anatomy for medical students (Unit 6) – Department of Anatomy and cell biology

Supervisor of 8 clerkship medical students 2009-2010

Residents

Course director and lecturer: Master of Science in Otolaryngology (60 hours/semester – 120 hours/year + Preparation time, evaluations available).

I direct and organize the following courses:

- 540-602A,B,C PHYSIOLOGY, HISTOPATHOLOGY AND CLINICAL OTOLARYNGOLOGY 1 (3 credits).
- 540-603A,B,C ADVANCED SCIENTIFIC PRINCIPLES OF OTOLARYNGOLOGY 1 (3 credits).
- 540-612A,B,C PHYSIOLOGY, HISTOPATHOLOGY AND CLINICAL OTOLARYNGOLOGY 2 (3 credits).
- 540-613A,B,C ADVANCED SCIENTIFIC PRINCIPLES OF OTOLARYNGOLOGY 2 (3 credits).

Oral examiner, Otolaryngology residents, McGill University, 4 hours/year

Mock Royal College Oral Examination Sessions for 5th year residents

- Lecturer, Department of Pediatrics, Montreal Children's Hospital

Fellows

Director of pediatric otolaryngology Fellowship Montreal Children's Hospital – current fellow is Dr Koby Pitaro (Israel)

Director of McGill Auditory Sciences Laboratory Research Fellowship – Fellows 2010 Dr Victoria Akinpelu (Nigeria), Dr Mario Mujica (Mexico), Dr A Aljarallah (Kuwait)
Clinical mini-fellowship in Botox injection for drooling given to physicians at Mackay

CME

CPD/CME educator, Royal College of Physicians & Surgeons of Canada
Director of CME, Canadian Society of Otolaryngology
Chairman of CME, Quebec Association of Otolaryngology

Presentations

Invited Lectureships

- Surgical treatment of Drooling and Botulinum toxin use, invited speaker, Great Ormond Street Hospital, London, England, August 13, 2010.
- Novel therapies for ototoxicity, invited speaker, Otolaryngology research rounds, Great Ormond Street Hospital, London, England, August 13, 2010.
- The Society or Ear, Nose and Throat Advances in Children, Moderator, Drooling and Aspiration, Salt Lake City, December 2009.
- The Society or Ear, Nose and Throat Advances in Children, Invited Faculty, Bone Anchored Hearing Aid (BAHA) Course, Boston, December 2008.
- American Thoracic Society Annual Meeting, Invited international faculty Scientific Symposium, Swallowing disorders in children, San Diego, May 17 2009.
- Botulinum toxin use for sialorrhea and freys syndrome, invited faculty, XI International Facial Nerve Symposium, Rome, Italy, April 2009.
- Pediatric Facial Nerve Palsy, invited faculty, XI International Facial Nerve Symposium, Rome, Italy, April 2009.
- 6th annual Otology and neuro-otology course, Invited faculty, Université de Montréal, November 6 2010.
- Botulunim Toxin for sialorrhea, Westpark Healthcare Center, Toronto, September 30 2010.
- Unperceived educational needs, 1st National CPD Accreditation Conference, Ottawa, Ontario, October 1 2009.
- Atypical mycobacteria treatment, the surgical approach. Invited workshop, Association of microbiologists of Quebec, Bromont, Quebec, May 29 2009.
- Intra-glandular Botulinum Toxin (IG-BTX) and Major Ducts Clipping for Management of Salivary Control in Children: Together and Head to Head, Invited workshop chair, 63rd annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Halifax, May 9-12 2009.
- Botulinum toxin in the management of sialorrhea, Guest Speaker, Stan Cassidy Center for Rehabilitation, Fredericton, New Brunswick, March 27 2009.

- Treatment of sialorrhea, Guest speaker, Association of Pediatric Dentists of Quebec, Montreal, February 3 2009.
- Otolaryngology Emergencies: Otitis media and facial palsy, St Mary's Hospital Family Medicine Rounds, Montreal, January 13 2010.
- Treatment options for drooling & Management of Pediatric Neck Masses, CME conference, Trois-Rivieres, Quebec, January 26 2009.
- Airway trauma, Department of Surgery, Montreal Children's Hospital, November 22, 2010.
- Botulinum toxin and drooling, Department of respiratory, Montreal Children's Hospital, October 28, 2010.
- Approach to sialorrhea, Department of Gastroenterology, Montreal Children's Hospital, October 27, 2010.
- Approach to the patient with facial nerve paralysis in the emergency room, Montreal Children's Hospital Emergency Department Grand Rounds. Montreal, March 5 2009.
- Courses
- Otolaryngology Emergencies, Centre for Continuing Health Professional Education, McGill University, October 8 2009.
- Foreign Bodies in Otolaryngology, Centre for Continuing Health Professional Education, McGill University, October 8 2009.

National/International Podium and Posters

Daniel SJ. Salivary gland endoscopy. Association of oto-rhino-laryngology and maxillo-facial surgery of Quebec, Quebec, October 29 2010.

Daniel SJ. Cricoid fracture reduction using a balloon dilator. Society for Ear, Nose, & Throat Advances in Children, Cincinnati, December 3 2010.

Akinpelu O, Daniel SJ. Oxymetazoline ototoxicity in a chinchilla animal model. Society for Ear, Nose, & Throat Advances in Children, Cincinnati, December 3 2010.

Mujica-Mota M, Daniel SJ. Internal jugular vein erosion: an aggressive presentation of non-tuberculous mycobacterial lymphadenitis. Society for Ear, Nose, & Throat Advances in Children, Cincinnati, December 3 2010.

Daniel SJ. Panel chair. Challenges in Pediatric Otology. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Duval M, Daniel SJ. Factors Influencing Research Productivity in Canadian Otolaryngologists. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Aron M, Daniel SJ. Safety of Personal Music Players: What We Know in 2009. 64th annual meeting of

the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Moubayed S, Daniel SJ, Vu T, Quach C. Preseptal Cellulitis in the Pediatric Population: Clinical Features and Management of 117 Cases. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Moubayed S, Daniel SJ. Rapidly Progressing Pleomorphic Adenoma of the Palate in an Adolescent. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Richardson K, Varshney R, Ramadori F, Kost K , Daniel SJ, Manoukian J, Nguyen L. A Multifaceted Inter-Specialty Approach to Teaching Advanced Airway Management Skills. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Fanous A, Manoukian J, Al-Khatib T, Saint-Martin C, Daniel SJ, Tewfik T, Nguyen L, Schloss M. A New Modified Lund-Mackay Scale For Radiological Staging of Pediatric Rhinosinusitis. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Alessa M, Manoukian JJ, Alrajhi Y, Chouiali F, Nguyen L, Tewfik T, Daniel SJ, Schloss M, Hamid Q. Linking Extraesophageal Gastric Reflux (EEGR) to Chronic Rhinosinusitis (CRS) in Children: Pepsinogen Study of Paranasal Sinus and Adenoid Tissue. 64th annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Niagara Falls, May 23 2010.

Al-Khatib T, Daniel SJ, Carret AS. Platinum Ototoxicity in Children, A Long-term Follow Up –et al. 63rd annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Halifax, May 9-12 2009.

Daniel SJ. Specialty panel chair. Interesting and Challenging Cases in Pediatric Otolaryngology. 63rd annual meeting of the Canadian Society of Otolaryngology Head and Neck Surgery, Halifax, May 9-12 2009.

Duval M, Daniel SJ. Facial Paresis in Children. XI International Facial Nerve Symposium, Rome, Italy, April 2009 (poster presentation).

Duval M, Daniel SJ. Facial nerve palsy due to forceps use at birth: A serious complication? XI International Facial Nerve Symposium, Rome, Italy, April 2009.

Courses Organized/Directorships

* Hands-on Sialoendoscopy Course, Niagara Falls, June 2010

International Congress on salivary glands disorders, Montreal, October 2009

Infections in Otolaryngology, Joint Congress OTL-AMMIQ. Association of microbiologists & Association of otolaryngologists of Quebec, Bromont, Quebec, May 28-29 2009

McGill Annual Temporal Bone Dissection Course 2009 & 2010

Sixth Annual Melvin D. Schloss Pediatric Otolaryngology Lectureship and Research Day, February 2 2009

Seventh Annual Melvin D. Schloss Pediatric Otolaryngology Lectureship and Research Day, May 2010

Scientific Projects

Basic

Prevention of ototoxicity
Middle ear mechanics
Vocal cord mechanics

Postgrad Student Supervision

Dr Emilia Peleva, Department of Surgery, McGill University.
Program: Master of Science (Experimental Surgery) started September 2010, expected completion March 2012.

Topic: Cisplatin ototoxicity prevention
Human and animal
Sole supervisor
Funding: CIHR grant

Dr Zhoobin Abbasi Mood, Department of Surgery, McGill University.
Program: Master of Science (Experimental Surgery) started Jan 2010, expected completion June 2011.
Topic: Delivery techniques of ototoprotective agents
Sole supervisor
Funding: CIHR grant
Project: Round window substance affecting hearing

Dr Sofia Waissbluth, Department of Otolaryngology, McGill University.
Program: Master of Science (Otolaryngology) started Jan 2010, expected completion June 2011.
Topic: Cisplatin ototoxicity prevention.
Sole supervisor
Funding: CIHR grant
Project: Systemic steroids in the prevention of ototoxicity

Dr Akinpelu Olubunmi Victoria, Department of Otolaryngology, McGill University.
Program: Research Fellowship (Otolaryngology) started March 2010, expected completion June 2011.
Topic: Histological changes with hypoxia in rats
Sole supervisor
Funding: CIHR grant

* Dr. Raymundo Munguia, Department of Surgery, McGill University
Program: Doctor of Philosophy (PhD), Major: Experimental Surgery Thesis.
Started at PhD level 2 in 2006 (Fast-track), graduated in 2010.
Topic: Prevention of chemotherapeutic ototoxicity in a chinchilla model.
Sole supervisor
Funding: CIHR grant

* Nima Maftoon, Department of Biomedical Engineering, McGill University.
Program: Doctor of Philosophy (PhD) started in September 2008 expected completion September 2012.
Topic: Computerized assessment of cochlear hair cell damage on electron microscopy. Co-supervisor with Dr WRJ Funnell
Funding: CIHR grant

* Dr. Valerie Cote, Department of Otolaryngology, McGill University.
Program: Master of Science (Otolaryngology) started in 2009, expected completion 2011.
Topic: Validation of a Pediatric Reflux finding score and questionnaire.
Co-supervisor with JJ Manoukian and J Kimoff
Funding: American Laryngological Association, \$10,000 USD

* Dr. Georges Makhoul, Department of Surgery, McGill University.
Program: Master of Science (Experimental Surgery) 2008 - 2010
Topic: Nano-encapsulated curcumin in a chinchilla ear model.
Sole supervisor
Funding: Sickkids Foundation and CIHR grants

* Ms Denise Murphy, Department of Surgery, McGill University.
Program: Master of Science (Experimental Surgery), 2008 - 2010.
Topic: Prevention of cisplatin ototoxicity, a clinical trial.
Sole supervisor
Funding: CIHR grant
Award: Principal's Graduate Fellowship, July 2008 (\$2500)

* Dr Yalon Dolev, Department of Otolaryngology, McGill University.
Program: Master of Science (Experimental Surgery), started in 2008, expected completion 2011.
Topic: 3-D volumetric analysis of tumour burden in Head & Neck cancer
In Progress

* Brian Garipey, Department of Biomedical Engineering, McGill University
Program Master of Engineering, 2008-2011
Topic: Finite element modelling of the newborn ear canal and middle ear
Co-supervisor with Dr WRJ Funnell
Funding: NSERC (Dr Funnell)

* Shruti Nambiar, Department of Biomedical Engineering, McGill University.
Program: Master Engineering started in January 2007, completed November 2009.
Topic: An Experimental study of middle-ear vibrations in gerbils
Co-supervisor with Dr WRJ Funnell

Funding: NSERC (Dr Funnell)

Presentation: Mechanical properties of the gerbil eardrum and research implications. Canadian Life Science Research conference, Toronto, November 2008

Postdoctoral Scholar – FIRST POST-DOC (PhD) supervised in Otolaryngology

* Dr Mathieu Charlebois, Department of Biomedical Engineering, McGill University

Program Postdoctorate 2010-2011, (Previous PhD at Ecole Polytechnique)

Topic: Finite element modelling of the middle ear

Co-supervisor with Dr WRJ Funnell

Funding: CIHR (Daniel & Funnell)

Dr. Nabil Fanous

Current Administrative Positions and Committee Memberships

Hospitals

The Montreal General Hospital - Active Surgeon

The Royal Victoria Hospital - Active Surgeon

Lachine Hospital Center - Active Surgeon

Universities

Associate Professor and Facial Plastic Surgery program director, Department of Otolaryngology / Head and Neck Surgery, McGill University, Montreal, Canada

Associate Professor and Facial Plastic Surgery training program director, Department of Surgery (O.T.L), Sherbrooke University, Sherbrooke, P.Q, Canada

Teaching Activities

Annual facial plastic surgery course on Septorhinoplasty, Blepharoplasty, related surgical anatomy, drills on oral and written exams, etc- given to Residents, fellows and rotating students, February 2010.

Medico-legal course to residents and fellows entitled “How to handle patients and employees”, March 2010.

Presentations

Fanous N, Fanous A, Côté V. « Simplified Rhinoplasty: The Mini-Dissection Technique », presented at the Annual Quebec Congress of Otolaryngology, Montreal, Canada, October 2009.

Côté V, Fanous N. « Minimally invasive approaches to pediatric tumors », presented at the Royal Victoria Hospital, Otolaryngology/Head and Neck Surgery Grand Rounds, Montreal, Canada, November 2009.

Fanous N, Fanous A, Mlynarek A. « Non-Surgical Facial Rejuvenation Techniques » A live step-by-step demonstration, at the 14th Annual McGill University update in ORL/ Head & Neck surgery, Mont-Tremblant, Quebec, March 2010.

Fanous N. « Cosmetic Surgery “Chirurgie Esthétique” », Opening presentation at the RAÉSSUM (Regroupement des associations étudiantes en science de la santé de l’UdeM), Université de Montréal, Montreal, Canada, April 16th, 2010.

Côté V, Fanous N. « A Powerful Tool in Facial Reconstruction », presented at the Royal Victoria Hospital, Otolaryngology/Head and Neck Surgery Grand Rounds, Montreal, Canada, October 2010.

Guest lecturer

At the Annual Quebec Congress of Otolaryngology, to talk about “Simplified Rhinoplasty: The Mini-Dissection Technique”, Montreal, Canada, October 2009.

Invited to be the “Moderator” for a panel on Facial Plastic Surgery, at the 14th Annual McGill University update in ORL/ Head & Neck surgery, to present “Non-Surgical Facial Rejuvenation Techniques” – A live step-by-step demonstration, Mont-Tremblant, Quebec, March 2010.

Invited to give the opening presentation about Cosmetic Surgery “Chirurgie Esthétique” at the RAÉSSUM (Regroupement des associations étudiantes en science de la santé de l’UdeM), at Université de Montreal, April 16th, 2010.

Innovation

Dr Nabil Fanous used a novel endoscopic approach for the first time in Canada, at the Montreal Children’s Hospital in August 2010, to remove a large dermoid cyst embedded in the upper face of Jayden Cambridge, an 18-month old child. Dr Fanous was approached by the chief of general pediatric surgery at the Montreal Children’s Hospital to lead the excision of the tumor, which was the size of a large blueberry and was sitting in a deep bony crater between the brows, and was completely buried by an ingrowth of bone over it. There was only 0.6 centimeter of bone between the tumor’s bottom and the child’s cranial cavity. Traditionally, these types of tumors are removed by cutting through the skin directly over the tumor, leaving an external scar.

This is the first time an endoscopic procedure has been used in Canada to remove a facial mass on a child’s face through a single 1.3cm scalp incision. As well, this is the first reported case of such a tumor being covered by bone.

Dr. Saul Frenkiel

Current Positions

University

Chair, Department of Otolaryngology – Head and Neck Surgery, McGill University

Hospital

Chief of Otolaryngology – Head and Neck Surgery, MUHC & JGH
Consultant in Otolaryngology, Mount Sinai Hospital
Consultant in Otolaryngology, Montreal Heart Institute

Research

Clinical Investigator, Lady Davis Institute for Medical Research, JGH
Research Associate, Molecular Biology Laboratory, Meakins Christie Institute, MUHC

Other Positions

Consultant, Northern Quebec Module
Consultant, McGill Student Health Services

Committees

National

Member, Committee of Canadian Otolaryngology – Head and Neck University Chairs
Member, Canadian Rhinology Group

University

Co-chair, Learning Continuum Task Force PGME Strategic Planning, Faculty of Medicine
Faculty Leadership Council, Faculty of Medicine
Co-chair, Search Committee for Chair and Chief of Ophthalmology, McGill and MUHC
Member, Learning Environment Committee, Faculty of Medicine
Member, Committee for the Establishment of a Department of Pediatric Surgery, McGill University
Financial Control Board, Faculty of Medicine (2011)

Chairman, Executive Committee, Department of Otolaryngology – Head and Neck Surgery
Chairman, Promotions and Tenure Committee, Department of Otolaryngology – Head and Neck Surgery
Chairman, Budget Committee, Department of Otolaryngology – Head and Neck Surgery
Member, Research Committee, Department of Otolaryngology – Head and Neck Surgery
Member, Residency Promotions Committee, Department of Otolaryngology – Head and Neck Surgery

McGill Internal Reviewer of Residency Training Programs, Royal College of Physicians and Surgeons of Canada (Urology Program, Orthopedic Program)
Member, Committee for the Establishment of a Department of Pediatric Surgery, McGill University

Hospital

MUHC

Chair, Redevelopment Plan for Otolaryngology – Head and Neck Surgery
Architectural Committee, Surgical OPD Clinics for the Glen Site
Member, Medical Advisory Committee
Member, Surgical Strategic Planning Committee for Lachine General Hospital
Adult OR Utilization Committee

JGH

Member, Medical Advisory Committee
Surgical Resources Audit

Professional Activities

National Positions

Past president, Canadian Society of Otolaryngology-Head and Neck Surgery
Council of Canadian National Otolaryngology Chairs
CME/CPD Committee, Royal College of Physicians and Surgeons of Canada

International Committees

International representative to the American Academy of Otolaryngology-Head and Neck Surgery

Other Professional Activities

Chair, Internal review of the McGill University Clinician Investigator Residency Program
Executive committee, Proposal to the Quebec Ministry of Health for a Cochlear Implant Program at McGill University
Promotions committee, External reviewer, Emory University School of Medicine
Journal reviewer, Journal of Otolaryngology-Head and Neck Surgery
Journal reviewer, Annals of Otology, Rhinology & Laryngology
Medical consultant, Quebec Regional Advisory Board, GSK Pharmaceutical
Internal CIHR Grant reviewer, “Mechanics of the outer and middle ear in newborns and infants,” submitted by Drs. Robert Funnell and Sam Daniel
Promotion committee, External reviewer, Department of Surgery, University of Alberta, Aug. 2010
Promotion committee, External reviewer, King Saud University, Saudi Arabia, Jul. & Nov. 2010
Promotion committee, External reviewer, Department of Surgery, College of Medicine, Texas A&M Health Science Center, Oct. 2010
International fellowship examiner in Rhinology, King Saud University, Riyadh, Saudi Arabia, Oct. 2010

Visiting Professorship

King Saud University, College of Medicine, Oct. 2010

Other Activities as Departmental Chair

Co-chair, McGill Head and Neck Cancer Fund

This year, a total of \$350,000 was raised for clinical and basic research.

Fundraising project with the JGH to establish the Martin Black Fellowship in Head and Neck Surgery raised a total of \$1.5 million.

Quarterly electronic newsletter “e-Voice” including the Chairman’s report

Faculty recruitment in the past two years: Dr. Alex Mlynarek, Dr. Marc Tewfik, Dr. Yolène Lacroix, Dr. Jonathan Young

Request and approval for departmental name change to Otolaryngology – Head and Neck Surgery –

Approved by McGill Board of Governors Nov. 2009, Approved by Quebec College of Physicians and Surgeons Nov. 25, 2010, Previously approved by Royal College of Physicians and Surgeons of Canada 2009

Supervised five visiting professorships to the McGill Department of Otolaryngology – Head and Neck Surgery (McNally Lecture – Dr. Brian Blakley, University of Manitoba; Birkett Lecture – Dr. Patrick Gullane, University of Toronto; Raymer Lecture – Dr. Richard Béliveau, UQAM; Baxter Lecture – Dr. Nader Sadeghi, Washington University; Schloss Lecture – Dr. Patrick Froehlich, University of Montreal and Dr. Karen Gordon, University of Toronto)

Teaching Activities

Undergraduate

ICM small-group lecturer - rhinology and sinus topics to 2nd-year medical students (6 hrs/yr)

Head and neck emergencies lectures to 4th-year medical students (12 hrs/yr)

Clinical Supervisor

Medical students on Otolaryngology elective rotations

Postgraduate

Clinical supervision and didactic teaching for Otolaryngology residents

Clinical supervision of residents rotating from Oral Surgery, Plastics, Radiation Oncology, and Anaesthesia

Supervision of Otolaryngology fellows – Dr. Hadi Hakami, Dr. Eyal Sela

Clinical research supervisor – Dr. Sumeet Anand

Special lectures to senior residents in preparation for Royal College exams

Invited Lectureship

“Avoiding complications in endoscopic sinus surgery,” King Abdulaziz University Hospital, Saudi Arabia, Oct. 2010

Presentations

Welcoming address, 14th Annual McGill University Update in Otolaryngology, Mont-Tremblant, QC, Mar. 2010

“Nasal polyposis: My surgical technique and philosophy.” Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara Falls, ON, May 2010

“Are patients with head and neck cancer more likely to suffer from obstructive sleep apnea?” Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara Falls, ON, May 2010

Panelist, “Current management of nasal polyposis,” Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara Falls, ON, May 2010

Moderator, Symposium on advances in endoscopic sinus and skull base surgery – Resection of sinonasal tumors. Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara Falls, ON, May 2010

Dr. Robert Funnell

Positions

Departmental

Graduate Program Committee (Coördinator for fellowships & awards)

Safety Committee (Chair)

Webmaster: general maintenance and updating, incl. seminar list and announcements, list of staff, publications, student & research resources; enhanced site navigation; improved accessibility; investigated how to adapt site to new McGill template when it is ready; attended university workshops related to Web sites (2009 Jun, 2009 Oct, 2010 May)

Research Committee (Dept. Otolaryngology)

Pediatric Otolaryngology Fellowship Program, MCH, Director of Research (Dept. Otolaryngology)

Host and maintain the Mond database and the IDA software used to extract data from the database (Dept. Obstetrics & Gynecology)

Faculty

Process medical-student evaluations (ICM and POM), produce histograms for use in Dean's letters
University

University

Schulich Library Advisory Committee (meetings; coordinate after-hours access and CISTI Source access
for BME people)

FRSQ Undergraduate Research Award Committee (ranking of applications)

Presentations

Decraemer WF, Dirckx JJJ, Maftoon N & Funnell WRJF (2010): Simulating large deformations of the
gerbil pars flaccida to determine its material properties. 33rd Midwinter Res. Mtg., Assoc. Res.
Otolaryngol., Anaheim

Maftoon N, Nambiar S, Funnell WRJ, Decraemer WF & Daniel S (2009): Experimental and modelling
study of gerbil tympanic-membrane vibrations. Cong. Ann. Assoc. Oto-rhino-laryngol. Chir. Cervico-fac.
Québec, Montréal

Garipey B, Qi L, Funnell WRJ & Daniel S (2009): A finite-element model of the newborn ear canal and
its response to low-frequency acoustic stimulation. Cong. Ann. Assoc. Oto-rhino-laryngol. Chir. Cervico-
fac. Québec, Montréal

Funnell, WRJ (2009): Mechanics for the middle ear. 5th International Symposium on Middle-Ear
Mechanics in Research and Otology, Stanford (invited tutorial)

Decraemer WF, Funnell WRJ, Gea SLR, Buytaert JAN & Dirckx JJJ (2009): Finite-element modelling of
the configuration changes of the ossicular chain with static pressure. 5th International Symposium on
Middle-Ear Mechanics in Research and Otology, Stanford

Providing Academic Expertise

Article reviews: J Biomech Eng, Clin Anat, Hearing Res, J Acoust Soc Am, J Med & Biol Eng, Ann
Biomed Eng, J Assoc Res Otolaryngol, Zoomorphol, Biomech Model Mechanobiol

Grant-application reviews: NSERC, Univ. Antwerp, UBC, CFI, Nova Scotia Health Research Foundation

Congrès Assoc Oto-Rhino-Laryngol Chir Cervico-Fac Québec, Montréal, provided technical assistance
and acted as chief judge for resident paper competition

Provision of technical advice and information: ETS; Ben-Gurion Univ; Univ. Maryland

Short radio interview about hearing

As departmental coördinator (or committee chair?) for fellowships and awards, in 2010 Dec I facilitated a discussion of options for responding to the upcoming change in how graduate-student funding is handled at the University. As departmental Webmaster, in 2009 Jun I attended a GPSO workshop on *Graduate Websites and E-Recruiting*.

Supervisory committees, thesis-defence committees & thesis examinations: Makhoul (M.Sc., Exp. Surg.), Khojasteh (Ph.D., BME), Afkhami (Ph.D., BME), Chu (M.Eng., Mech. Eng.), LeVan (Ph.D., BME), Tkaczyk (Ph.D., BME), Zelmann (Ph.D., BME), Shapka (Ph.D., BME), Bowey (Ph.D., BME), Jalaleddini (Ph.D., BME), Mekhail (Ph.D., BME), Foudéh (Ph.D., BME), Salehi (M.Sc., Exp. Surg.), Wu (ECE), Heath-Engel (Biochem.).

Courses

| Course name/number | | Role | Contact hours |
|--|--------------|-------------|---------------|
| Selected Topics in Biomedical Engineering | BMDE-501 | Contributor | 3 – 4.5 |
| Advanced Scientific Principles – Otolaryngology | OTOL-603/613 | Contributor | 4.5 |
| Life Cycle (Unit 3) | INDS-105 | Contributor | 0* |
| Nervous System and Special Senses (Unit 6) | INDS-106 | Contributor | 0* |
| Oral Health (Unit 10) | DENT-202 | Contributor | 0* |
| Finite-Element Modelling in Biomedical Engineering | BMDE-512 | Designer | 0 |

* 3-D models developed by me, used by instructors

Students Supervised

| Name | Level (Masters/PhD) | Date registered/graduated | Department of Register | Source of Funding | Amount |
|----------------------|---------------------|---------------------------|------------------------|-------------------|----------|
| Shruti Nambiar* | M.Eng. | 2007 01-2010 01 | BME | NSERC CGSM | |
| Nima Maftoon* | PhD | 2008 09- | BME | CIHR | \$18 000 |
| Brian Gariepy* | M.Eng. | 2008 09- | BME | NSERC | \$16 500 |
| Zinan He* | M.Eng. | 2009 09- | BME | CIHR | \$19 000 |
| Hamid Motallebzadeh* | Ph.D. | 2009 09- | BME | CIHR | \$18 000 |
| Mathieu Charlebois* | Post-doc | 2010 04- | BME | CIHR | \$39 000 |
| Yasaman Sedaghat** | M.Sc. | 2008 09- | Comp. Sci. | NSERC & CIHR | \$17 500 |

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|-------------------------|-----------------|-----------------|--------------|-------------------|----------|
| Jacob Pitaro (MD)* | Research fellow | 2010 07- | OTL | MCHRI & CIHR | \$40 000 |
| Mario Mujica (MD)* | Research fellow | 2010 05- | OTL | MCHRI | \$20 000 |
| Victoria Olumbumi (MD)* | Research fellow | 2010 03- | OTL | CIHR | \$20 000 |
| Miguel Fernandez | Med. student | 2009 07-08 | Med. school | (summer research) | |
| Sani Karam | Med. student | 2009 07-08 | Med. school | (summer research) | |
| Ning Nan Wang | Med. student | 2010 07-08 | Med. school | (summer research) | |
| Eric Zhang | Med. student | 2010 07-08 | Med. school | (summer research) | |
| Selim Hani | B.Sc. | 2010 05-12 | Fac. science | (course project) | |
| Audrey Bailey | B.Eng. | 2010 09-2011 04 | ECE | (course project) | |
| Yi Ding | B.Eng. | 2010 09-2011 04 | ECE | | |
| Léonard Gagné-Godbout | B.Eng. | 2010 09-2011 04 | ECE | | |
| Eric Kong | B.Eng. | 2010 09-2011 04 | ECE | | |

* Co-supervised with S. Daniel

** Co-supervised with P. Kry

Dr. Melissa Henry

University Appointment

2011 – present Assistant Professor, Division of Palliative Care Research, Department of Oncology, Faculty of Medicine, McGill University

Research Activities

My initial research endeavour concerned the area of suicidology. My doctoral thesis was published in several peer-reviewed journals, presented at national and international conferences, and received a number of prizes: Student Research Award (Canadian Association for Suicide Prevention), Public prize for Best poster presentation (Conseil National des Cycles Supérieurs) and First prize for Best article by a young professional/student (Revue Québécoise de Psychologie). I am an active and collaborating member of the Centre for Research and Intervention on Suicide and Euthanasia (CRISE) since 2006, am co-investigator

on a FQRSC team grant (\$627,130; Dr Brian Mishara (PI)) supporting CRISE and on a CIHR operating grant (\$286,363; Dr Brian Mishara (PI)), intended on studying the impact of suicide on workers and organizations. I am involved in studies on Borderline Personality Disorders and suicide (published article, *Journal of Psychiatry and Neuroscience*).

My research focus shifted, during my postdoctoral fellowship at McGill University's Faculty of Medicine, to the area of oncology. In 2006, I conducted a RCT pilot study of the Meaning-Making intervention (Lee, 2006) in newly diagnosed advanced ovarian cancer patients (published, *Psycho-Oncology*). Our promising pilot study results are the springboard for a full RCT grant application currently submitted to the Canadian Institutes of Health Research (CIHR), to evaluate the MMI in patients newly diagnosed with advanced cancer. I was supported by two research fellowships from the CIHR-CCSRI/Strategic Research Training Program in Palliative Care and from the CCSRI. The study was funded by a grant (\$8,960) from the CCSRI Sociobehavioural Cancer Research Network. I worked on several other research projects during my postdoctorate, for which I have had the opportunity to co-supervise several McGill University medical and biology students: Continued study of psychometric properties of the McGill Quality of Life Questionnaire (MQOL)(published, *Palliative Medicine*) and Canadian newspaper representations of cancer: A comparison between 1988/89 and 2008 (in press, *Supportive Care in Cancer*).

We started adapting the MMI for family caregivers of advanced cancer patients, a completed study (submitted for publication) at the Segal Cancer Centre and Department of Otolaryngology – Head and Neck Surgery of the Jewish General Hospital, where I am a clinical-research psychologist. We plan on submitting a grant application for a RCT pilot study. I am co-investigator on a CCSRI grant (\$657,865) with researchers in Quebec City (Drs Pierre Gagnon & Lise Fillion (co-PI)), evaluating a cognitive-existential intervention for cancer patients (RCT design); am involved as a thesis committee member, co-therapist and clinical supervisor in the development and pilot testing of a Meaning-Centered Group Intervention for bereaved family caregivers (RCT design)(C MacKinnon, PhD cand.; Thesis Supervisors: Drs N Smith & SR Cohen); am involved in an international collaboration to study long-term adjustment of women diagnosed with cancer during pregnancy (Dr E Cardonick (PI))(in press, *Psycho-Oncology*); as co-investigator in a study designed to discern adaptive coping patterns in cancer patients (Dr JC Perry (PI); \$22,890, funded by the Weekend to End Breast Cancer & JGH Foundation); was co-investigator in a study on pre-surgical concerns of thyroid cancer patients (Dr R Payne (PI))(in press, *Otolaryngology – Head and Neck Surgery*); and an RCT of acupuncture to improve QoL in lung cancer patients (Dr M Grossman (PI)).

My current research program at the Segal Cancer Centre focuses on better understanding predictors of quality of life, supportive care needs, and distress in head and neck cancer patients, their families and oncology staff, with the goal of eventually developing and empirically testing psychosocial interventions adapted to this population. As such, I am leading the following ongoing projects: 1) What are the Supportive Care Needs of Patients and Family Caregivers Consulting a University-Affiliated Otolaryngology - Head and Neck Surgery Clinic? (project completed, article to be submitted shortly; project initiated at the JGH and MUHC RVH and MGH sites); 2) Prospective Study of Quality of Life Trajectories and At-Risk Lifestyle Changes in Head and Neck Cancer Patients (project initiated at the JGH and MUHC RVH and MGH sites); 3) Looking Beyond Disfigurement: A Holistic Approach to Understanding the Lived Experience of Disfigurement in Head and Neck Cancer Patients (project submitted to the IRB); 4) Effects of Conducting a Balint Group on a Multidisciplinary Head and Neck Oncology Service: A Pilot Study (project completed, article to be submitted shortly; project initiated at the JGH and MUHC RVH site). I have and am currently supervising several medical and dental students on

these projects.

Students Supervised in Research

| Trainee and Project Title | Department | Type of Trainee | Year(s) | Funding |
|--|---|---|------------------------|--|
| Angela Ho Looking beyond disfigurement: A holistic approach to understand the lived experience of disfigurement in head and neck cancer patients Project initiated and written by: Dr Henry | Faculty of Medicine, McGill University Role: Co-supervisor with Dr Saul Frenkiel | Medical Student, Faculty of Medicine's Summer 2011 Research Bursary Program | Summer 2011 | CIHR Health Professional Student Research Award (\$2834) |
| Ji Wei Yang What are the supportive care needs of patients and family caregivers consulting a university-affiliated otolaryngology – Head and neck surgery clinic? Project initiated and written by: Dr Henry | Faculty of Medicine, McGill University Role: Supervisor, extra-curricular | Medical Student | Summer 2010 to present | n/a |
| Laura Anne Habib What are the supportive care needs of patients and family caregivers consulting a university-affiliated otolaryngology – Head and neck surgery clinic? Project initiated and written by: Dr Henry | Faculty of Medicine, McGill University Role: Supervisor, extra-curricular | Medical Student | Summer 2010 to present | n/a |
| Matthew Morrison What are the supportive care needs of patients and family caregivers consulting a university-affiliated otolaryngology – Head and neck surgery clinic? Project initiated and written by: Dr Henry | Faculty of Medicine, McGill University Role: Supervisor, extra-curricular | Dental Student | Summer 2010 to present | n/a |

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|--|---|-----------------|------------------------|---|
| AND A literature review of psychosocial interventions in head and neck oncology | | | | |
| Xuejiao Li What are the supportive care needs of patients and family caregivers consulting a university-affiliated otolaryngology – Head and neck surgery clinic? Project initiated and written by: Dr Henry AND A literature review of body image in head and neck oncology + Creation of a website | Faculty of Medicine, McGill University Role: Supervisor, extra-curricular | Medical Student | Summer 2010 to present | n/a |
| Shiru Liu What are the supportive care needs of patients and family caregivers consulting a university-affiliated otolaryngology – Head and neck surgery clinic? Project initiated and written by: Dr Henry | Faculty of Medicine, McGill University Role: Supervisor, extra-curricular | Medical Student | Summer 2010 to present | n/a |
| Christopher J. MacKinnon The development and pilot-testing of a meaning-centered group intervention for family caregivers in bereavement | Department of Educational and Counselling Psychology, McGill University Role: Thesis committee member, clinical supervisor and co-leader of the group bereavement intervention | Ph.D. Student | 2009 to present | Canadian Institutes of Health Research (CIHR) |
| Lina Nuoxin Huang Psychological impact of a cancer diagnosed during | Faculty of Medicine, McGill University | Medical Student | 2008 to present | n/a |

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|---|--|-----------------|-----------------|-----|
| pregnancy: Determinants of long-term distress International collaboration with Dr Elyce Cardonick, New Jersey, USA; project initiated by: LN Huang and B Sproule | Role: Supervisor, extra-curricular | | | |
| Barbara Sproule Psychological impact of a cancer diagnosed during pregnancy: Determinants of long-term distress (<i>same project as above</i>) International collaboration with Dr Elyce Cardonick, New Jersey, USA; project initiated by: LN Huang and B Sproule | Faculty of Medicine, McGill University Role: Supervisor, extra-curricular | Medical Student | 2008 to present | n/a |

Invited Lectures, Talks, Presentations

Peer-Reviewed Presentations

(*) *Supervised student was co-author.*

International Presentations:

Mackinnon, C.J., Smith, N.G., Henry, M., Berish, M., Koerner, A., Copeland, L., Chochinov, H.M. & Cohen, S.R. (October 2011, submitted). Development of a meaning-centered group counselling intervention for bereavement: Preliminary results. International Psycho-Oncology Society, Antalya, Turkey

Henry, M., *Habib, L.A., *Morrison, M., *Yang, J.W., *Xuejiao, J.L., *Liu, S., Hier, M., Mlynarek, A., Payne, R.J., MacDonald, C., Kost, K., Zeitouni, A. & Black, M. (October 2011, submitted). What are the supportive care needs of patients and family caregivers consulting a university-affiliated head otolaryngology head and neck surgery clinic? International Psycho-Oncology Society, Antalya, Turkey.

Henry, M., *Habib, L.A., *Morrison, M., *Yang, J.W., *Xuejiao, J.L., *Liu, S., Hier, M., Mlynarek, A., Payne, R.J., MacDonald, C., Kost, K., Zeitouni, A. & Black, M. (September 2011, submitted). What are the supportive care needs of patients and family caregivers consulting a university-affiliated head otolaryngology head and neck surgery clinic? AAO-HNSF Annual Meeting & OTO EXPO, San Francisco, California, USA.

Henry, M., *Nuoxin-Huang, L., *Sproule, B. & Cardonick, E. (May 2011). Psychological impact of cancer diagnosed during pregnancy: Determinants of long-term distress. 164th Annual Meeting of the American Psychiatric Association, Hawaii, USA.

Henry, M. (October 2010). Grandmother, grandmother, what do you see? A tribute to Dr Margaret C. Kiely. Artwork presented at the 18th International Congress on Palliative Care, Montreal, Canada.

*Abdul-Sater, L., Henry, M., Franklin, J., Hier, M. & Payne, R.J. (September 2010). What are thyroidectomy patients really concerned about? American Academy of Otolaryngology – Head & Neck Surgery Annual Meeting, Boston, USA.

Stelmaszczyk, K., Baucom, D., Henry, M. & Drapeau, M. (May 2010). A process study of long-term psychoanalytic treatment: Comparing a successful and a not so successful outcome. 26th Annual Meeting of the Society for the Exploration of Psychotherapy Integration in Florence, Italy.

Poster Presentations

*Nuoxin-Huang, L., *Sproule, B., Henry, M. & Cardonick, E. (June 2011, submitted). Psychological impact of cancer diagnosed during pregnancy: Determinants of long-term distress. 67th Annual Clinical Meeting (ACM) of the Society of Obstetricians and Gynecologists of Canada, Vancouver, Canada.

Henry, M., *Nuoxin-Huang, L., *Sproule, B. & Cardonick, E. (May 2011, accepted). Psychological impact of cancer diagnosed during pregnancy: Determinants of long-term distress. 59th Annual Clinical Meeting (ACM) of the American College of Obstetricians and Gynecologists, Washington DC, USA.

Abdul-Sater, L., Henry, M., Mijovic, T., Brandt, M.G., Franklin, J.H., Black, M.J., Hier, M.P. & Payne, R.J. (October 2010). What are thyroidectomy patients really concerned about? A prospective evaluation of perioperative concerns amongst patients considering thyroidectomy. Annual Congress of the Quebec ENT Association, Quebec, Canada.

Henry, M., *Nuoxin-Huang, L., *Sproule, B. & Cardonick, E. (October 2010). The psychological impact of a cancer diagnosis during pregnancy: Determinants of long-term distress. 18th International Congress on Palliative Care, Montreal, Canada.

Henry, M., MacKinnon, C.J., Chan, L.S. (May 2010). A critical discussion of the application of existential thought in palliative care: Back to basics. IPOS 12th World Congress of Psycho-Oncology, Quebec City, Canada.

Henry, M., Abdul-Sater, L., Mijovic, T., Brandt, M.G., Franklin, J.H., Black, M.J., Hier, M.P., Tamilia, M., Rivera, J. & Payne, R.J. (May 2010). What are thyroidectomy patients really concerned about? Canadian Society of Otolaryngology – Head & Neck Surgery 64th Annual Meeting, Niagara Falls, Canada.

Néron, S., Strohschein, F., Ptack, A., Aubin, S., Bond, S., Henry, M., Klein, T., Loisel, C., Minorgan, J. & Rosberger, Z. (May 2010). Innovations in interdisciplinary care delivery: Integrating a comprehensive psychosocial oncology program in an expanding cancer care centre. IPOS 12th World Congress of Psycho-Oncology, Quebec City, Canada.

Other Non Peer-Reviewed Presentations

Local Presentations

Henry, M., *Nuoxin-Huang, L., *Sproule, B. & Cardonick, E. (May 2011). *Psychological impact of cancer diagnosed during pregnancy: Determinants of long-term distress*. Louise-Granofsky Psychosocial Oncology Program (LG-POP), Segal Cancer Centre, Jewish General Hospital, Montreal, Canada

Henry, M. (March 2011). *The learning experience of submitting an RCT proposal to national granting agencies*. Dr Cohen's Lab, Strategic Research Training Program in Palliative Care, Montreal, Canada.

Henry, M., *Habib, L.A., *Morrison, M., *Yang, J.W., *Xuejiao, J.L., *Liu, S., Hier, M., Mlynarek, A., Payne, R.J., MacDonald, C., Zeitouni, A., Kost, K. & Black, M. (January 2011). What are the supportive care needs of patients and family caregivers consulting a university-affiliated Otolaryngology – Head and Neck Surgery clinic? Otolaryngology – Head and Neck Surgery service, Jewish General Hospital, Montreal, Canada.

Henry, M., *Habib, L.A., *Morrison, M., *Yang, J.W., *Xuejiao, J.L., *Liu, S., Hier, M., Mlynarek, A., Payne, R.J., MacDonald, C., Zeitouni, A., Kost, K. & Black, M. (December 2010). What are the supportive care needs of patients and family caregivers consulting a university-affiliated Otolaryngology – Head and Neck Surgery clinic? Louise-Granofsky Psychosocial Oncology Program (LG-POP), Segal Cancer Centre, Jewish General Hospital, Montreal, Canada.

Henry, M. (September 2010). *Developing a psychosocial intervention for head and neck cancer patients: Preliminary groundwork assessing supportive care needs, quality of life trajectories and at-risk lifestyle changes, and the provision of a peer-support Balint group for professionals*. Interdisciplinary Head and Neck Oncology service, McGill University Health Centre (MUHC), Montreal, Canada.

Henry, M. (May 2010). *Randomized control trial of the Meaning-Making intervention in people newly diagnosed with advanced ovarian cancer: A pilot study*. Faculty of Dentistry, McGill University, Montreal, Canada.

Other Contributions

Moderator at International Conference

2010 18th International Congress on Palliative Care

Other Current Research Projects – Ongoing projects not currently requiring funding

| Title / Role | Term |
|---|-------------------|
| Prospective study of quality of life trajectories and at-risk lifestyles in head and neck cancer patients <u>Role: Principal Investigator</u> Henry, M. (PI), Black, M., Hier, M., Mlynarek, A., Kost, K., Zeitouni, A., MacDonald, C., Boccardi, S., Myron, V., Aguzzi, A., Rosberger, Z. <u>Summary of progress:</u> | 08/2010 – present |

| | |
|---|--------------------------|
| <p>Ethics Approval obtained; Ongoing recruitment (32 patients recruited since August 2010; Recruitment goal: 100 patients).</p> | |
| <p>What are the supportive care needs of patients and family caregivers consulting a university-affiliated otolaryngology – Head and neck surgery clinic? <u>Role: Principal Investigator</u> Henry, M. (PI), Habib, L.-A., Morrison, M., Yang, J.W., Xuejiao, J., Liu, S., Hier, M., Mlynarek, A., Zeitouni, A., Kost, K., Payne, R., MacDonald, C., Black, M. <u>Summary of progress:</u> Recruitment completed (134 patients and 53 family caregivers); Statistical analyses conducted; Qualitative interviews conducted, transcribed and analyzed; Article written and to be submitted shortly. <u>Presentation:</u> <ul style="list-style-type: none"> ○ International Psycho-Oncology Society, Antalya, Turkey (submitted) ○ AAO-HNSF Annual Meeting & OTO EXPO, San Francisco, California, USA (submitted) </p> | <p>07/2010 – present</p> |
| <p>Effects of conducting a Balint group on a multidisciplinary head and neck oncology service: A pilot study <u>Role: Principal Investigator</u> Henry, M. (PI), Néron, S., Rosberger, Z., Addison, R., Black, M., Hier, M. <u>Summary of progress:</u> Recruitment completed; Statistical analyses completed; Article written and to be submitted shortly.</p> | <p>04/2010 – present</p> |
| <p>Pilot-study of the Meaning-Making intervention (MMi) for family caregivers of people newly diagnosed with advanced stage cancer <u>Role: Principal Investigator</u> Henry, M. (PI), S.R. Cohen (PI), Lee, V.L., Batist, G., Chasen, M., Black, M., Hier, M., Mayo, N. <u>Summary of progress:</u> Recruitment completed; Statistical analyses conducted; Article written and under review by peer-review journal. <u>Presentations:</u> <ul style="list-style-type: none"> ○ 9th World Congress of Psycho-Oncology, London, England (presented; poster) ○ 11th World Congress of Psycho-Oncology, Vienna, Austria. (presented; poster) </p> | <p>04/2010 – present</p> |
| <p>Looking beyond disfigurement: A holistic approach to understanding the lived experience of disfigurement in head and neck cancer patient <u>Role: Principal Investigator</u> Henry, M. (PI), Black, M., Hier, M., Mlynarek, A., Macdonald, C. <i>et al.</i> <u>Summary of progress:</u> Proposal submitted to the IRB; Planned start of study: June 2011.</p> | <p>IRB stage</p> |
| <p>Psychological impact of a cancer diagnosed during pregnancy: Determinants of long-term distress <u>Role: Co-Investigator</u> Cardonick, E. (PI), Henry, M., Huang, L.N., Sproule, B. <u>Summary of progress:</u> Study completed. Article accepted in <i>Psycho-Oncology</i>.</p> | <p>09/2008 – present</p> |

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|---|--------------------------|
| <p><u>Presentations:</u></p> <ul style="list-style-type: none"> ○ 18th International Congress on Palliative Care, Montreal, Canada ○ 164th Annual Meeting of the American Psychiatric Association, Hawaii, USA. (accepted; oral) ○ Annual Clinical Meeting (ACM) of the American College of Obstetricians and Gynecologists, Washington DC, USA (accepted; poster) ○ 67th Annual Clinical meeting (ACM) of the Society of Obstetricians and Gynecologists of Canada, Vancouver, Canada (accepted; poster) | |
| <p>The role of alcohol in suicidal ideations and attempts amongst adolescents <u>Role: Statistical analyses</u> Mishara, B. (co-PI), Greenfield, B. (co-PI) <u>Summary of progress:</u> Preliminary analyses done; Recruitment to be continued (100 patients recruited; Recruitment goal: 200 patients).</p> | <p>06/2010 – present</p> |
| <p>Four-year evolution of Borderline Personality Disorder among previously suicidal adolescents <u>Role: Co-Investigator</u> Greenfield, B. (PI), Henry, M., De Castro, F., Slatkoff, J., Bondurant, H., Dougherty, G., Guile, J.M., Hardon, B., Tse, S.M. <u>Summary of progress:</u> Study completed; Article submitted to peer-reviewed journal; Grant writing stage. <u>Presentations:</u></p> <ul style="list-style-type: none"> ○ 4^e Congrès international de la francophonie en prévention du suicide, Montreal, Canada. (presented; oral) ○ 11th ESSSB Congress Suicide in Europe: From Greenland to the Caucasus, From the Urals to Iberia, Slovenia. (presented; poster) | <p>09/2004 – present</p> |
| <p>A process study of long-term psychoanalytic treatment: Comparing a successful and not so successful outcome <u>Role: Qualitative analyses</u> Drapeau, M., Stelmaszczyk, K., Baucom, D., Henry, M. <u>Summary of progress:</u> Study completed; Article writing stage. <u>Presentations:</u></p> <ul style="list-style-type: none"> ○ 26th Annual Meeting of the Society for the Exploration of Psychotherapy Integration, Florence, Italy. (presented; oral) ○ Society for Psychotherapy Research International Convention, Barcelona, Spain. (presented; oral) ○ American Psychological Association, Toronto, Canada. (presented; oral) ○ Canadian Psychological Association 70th Annual Convention, Montreal, Canada. (presented; oral) ○ Canadian Society for Psychotherapy Research Regional Conference, Montreal, Canada. (presented; oral) | <p>10/2006 – present</p> |
| <p>A randomized controlled trial of acupuncture in cancer patients <u>Role: Co-Investigator</u> Grossman, M. (PI), Azoulay, L., Henry, M. <u>Summary of progress:</u> Proposal writing stage.</p> | <p>Proposal stage</p> |

Dr. Michael Hier

In December 2010, Dr. Hier was appointed Chief of the Department of Otolaryngology-Head and Neck Surgery, at the Jewish General Hospital.

Dr. Hier received the Outstanding Reviewer Award from The Journal of Otolaryngology-Head & Neck Surgery on May 24, 2010.

Dr. Hier is presently co-investigator in establishing an international research network to assess and improve the quality of life in head and neck cancer survivors.

Education and Research Training

McGill Courses

1. ICM-C Otolaryngology Section
 - lecture to second year medical students
 - lecturer in "Neck Masses."
 - 12 hours / year
2. Principles of Medicine Lecture in Otolaryngology
 - whole class teaching to "POMS" medical students (Med 3)
 - lectures on head and neck tumours
 - 10 hours / year
3. Lecture to McGill ENT residents on Laryngeal Cancer
 - 2 years
4. Lecture to McGill ENT residents on Salivary Gland Cancer
 - 2 years
5. Clinical Fellow in Head and Neck Surgery –Dr. Hadi Hakami (Saudi Arabia)
 - July 1, 2008 – June 30, 2010
6. Clinical Fellow in Head and Neck Surgery – Dr. Eyal Sela (Israel)
 - July 1, 2010 – June 30, 2012
7. Co-Supervisor Research Post-Doctorate – Dr. Sabrina Wurzbach (Brazil)
 - September 1, 2011 on

Hospital and University Committees

Hospital

Academic Leadership
SMBD-Jewish General Hospital
Montreal, Canada

Co-Chair
Operating Room Product Evaluation Committee (ORPEC)

Thyroid Tumour Study Group
SMBD-Jewish General Hospital
Montreal, Canada

Member – Medical Advisory Committee
SMBD-Jewish General Hospital

University

Residency Training Committee
McGill University, Department of Otolaryngology
Montreal, Canada

Coordinator for Continuing Professional Development
Department of Otolaryngology, McGill University

External Committees and Boards

Memberships

Royal College of Physicians and Surgeons of Canada (Fellow)

Quebec Assn. of Otolaryngology & Maxillofacial Surgery

Professional Corporation of Physicians of Quebec

Canadian Society of Otolaryngology-Head & Neck Surgery

American Board of Otolaryngology

American Academy of Otolaryngology-Head and Neck Surgery

American Head & Neck Society (Fellow)

Montreal Medico-Chirurgical Society
(Section of Otolaryngology)
President 2009 - 2011

Member Education Committee
 American Head & Neck Society

Conference Organization

Co-Director
Annual McGill Otolaryngology-Head and Neck Surgery Update course
March 2010

Co-Chair
Department of Otolaryngology, McGill University Annual Head and Neck Cancer Research
Fundraising Event for allocation of grants towards research activities.
1.5 million raised in 2010.

Scientific Reviews

Journal Reviewer for:

1. Journal of Otolaryngology – Head and Neck Surgery
2. Head and Neck
3. Archives of Otolaryngology Head and Neck Surgery

Invited Presenter

“Salivary Gland Transfer for the Prevention of Xerostomia Post Radiation Therapy”
Invited Speaker
Congrès international sur les pathologies des glandes salivaires
Association d’oto-rhino-laryngologie et de chirurgie cervico-faciale du Québec
Montreal, Quebec, October 30, 2009.

“Malignant Minor Salivary Gland Tumours: Overview”
Panelist
Congrès international sur les pathologies des glandes salivaires
Association d’oto-rhino-laryngologie et de chirurgie cervico-faciale du Québec
Montreal, Quebec, October 30, 2009.

“Thyroid Cancer: Clinical Research Initiatives at McGill”
Visiting Professor
Schulich School of Medicine & Dentistry, University of Western Ontario
Combined Endocrinology, Nuclear Medicine & Otolaryngology – Head and Neck Surgery
Albert Driedger Thyroid Cancer Grand Rounds
London, Ontario, May 5, 2010.

“The Role of Intra-Operative Nerve Monitoring During Thyroid Surgery”
Panelist
The 64th Annual Meeting of the Canadian Society of Otolaryngology-Head and Neck Surgery

Niagara Falls, Ontario, May 23-25, 2010.

“Thyroid Cancer: Clinical Research Initiatives at McGill”
University of Ottawa Thyroid Group
Ottawa, Ontario, June 29, 2010.

Continuing Education Activities Attended

American Head and Neck Surgery
Annual Meeting
Las Vegas, Nevada
May 2010

Dr. Athanasios Katsarkas

Current Administrative Positions

Vice-president, Council of physicians, Royal Victoria Hospital
Member, central committee, council of physicians, MUHC
Member, Qualifications Committee, MUHC
President, Review Committee, MUHC
Co-director with Dr. H. Galiana, Vestibular Research Laboratory, Royal Victoria Hospital and McGill University

Teaching Activities

Medical students (hearing – balance)
Residents in the Clinic
Responsible for the journal club
Two ENT physicians as observers for one year (Kaori Nakajima, Japan – Panagiotis Koustenis, Greece)

Presentations

International Collegium of Otolaryngology
a) guest speaker
b) presentation (June, 2010)

Civic Hospital, Ottawa, Dept. of Geriatrics, guest speaker (dizziness in aging) (September, 2010)

European Academy of Otolaryngology: Mannheim, Germany, June 27-29, 2009 (guest speaker)

Congress Of ORL of Quebec, Montreal, October 29- November 1, 2009 (presentation)

College des medecins du Quebec, Quebec, May 14-17, 2009 (participation)

Congress ORL of Quebec, Quebec, September 2010 (presentation)

Dr. Karen Kost

Current Administrative Positions and Committee Memberships

Hospital positions

Site Director, Montreal General Hospital
Director of the Voice and Dysphagia Laboratory, MUHC

Hospital committee memberships

Surgical Services Committee
Medical Advisory Committee
Quality Assurance Committee

University Positions

Director of the Voice and Dysphagia Laboratory, MUHC

National/International Societies Positions

Program Chair, American Society of Geriatric Otolaryngology
Executive Member, American Society of Geriatric Otolaryngology
Vice-President, American Society of Geriatric Otolaryngology
Member of the American Society of Otolaryngology-Head and Neck Surgery Geriatric Committee
Chairwoman Canadian Society of Otolaryngology-Head and Neck Surgery Subspecialty Laryngology Committee
Member of the Fellowship Committee and Nominating Committee of the Canadian Society of Otolaryngology-Head and Neck
Member of the Executive Council, Canadian Society of Otolaryngology-Head and Neck Surgery
President of the Canadian Society of Otolaryngology-Head and Neck Surgery Fund until 2010
Second Vice-President, Canadian Society of Otolaryngology-Head and Neck Surgery
Member of the Editorial Board, Laryngoscope, 2005 - present
Member of the Editorial Board, Ear Nose and Throat Journal, May 2010 - present
Member of the Editorial Board, Journal of Voice, May 2010 – present
Nominated for induction into the American Laryngological Association

Teaching Activities

Undergraduate (medical school)

October 27, 2009 - Head & Neck Emergencie
November 3, 2009 - Head & Neck Cancer
March 16, 2010 - Head & Neck Ca & Emergencies
March 26, 2010 - Mock Orals to R5
October 12, 2010 - Head & Neck Ca & Emergencies
December 10, 2010 - Head & Neck Ca & Emergencies

Residents

Jan 30th 2010 – Laryngopharyngeal reflux – Canadian R5 residents, Halifax review course
Jan 30th 2010 - Laryngeal Masses – Canadian R5 residents, Halifax review course
Jan 30th 2010 – Voice Disorders – Canadian R5 residents, Halifax review course
Jan 31st, 2010 – Laryngology Mock oral Exams – Canadian R5 residents, Halifax review course
Tuesday March 23rd 2010 – ‘Cancer of the Oral Cavity’, given to Otolaryngology Residents, at the Montreal General Hospital.
Laryngology Mock Oral and Passing the Royal College Exams, given to R5 Otolaryngology Residents
Friday March 26th at the Montreal General Hospital.
April 13, 2010 - Vocal cords paralysis at the Montreal General Hospital.
April 20, 2010 - Benign laryngeal lesions at the Montreal General Hospital.
Jan 30th 2010 – Laryngopharyngeal reflux – Canadian R5 residents, Halifax review course
Jan 30th 2010 - Laryngeal Masses – Canadian R5 residents, Halifax review course
Jan 31st, 2010 – Laryngology Mock oral Exams – Canadian R5 residents, Halifax review course

Fellows

First Laryngology fellow in Canada, July 1st 2010 to June 31st 2011, Dr Nadine Yammine

CME

Special mentorship

Dr Christopher Szeto, 2009/2010
Dr Hani Al-Marzouki, January 2010-July 1st 2011
Dr Nadine Yammine, July 1st 2010-June 30th 2011

Presentations

Invited lectureships

Jan 30th 2009 – Laryngopharyngeal reflux – Canadian R5 residents, Halifax review course
Jan 30th 2009 - Laryngeal Masses – Canadian R5 residents, Halifax review course
Jan 31st, 2009 – Laryngology Mock oral Exams – Canadian R5 residents, Halifax review course
Jan 30th 2010 – Laryngopharyngeal reflux – Canadian R5 residents, Halifax review course
Jan 30th 2010 - Laryngeal Masses – Canadian R5 residents, Halifax review course
Jan 31st, 2010 – Laryngology Mock oral Exams – Canadian R5 residents, Halifax review course

Courses

Annual Otolaryngology Head and Neck Surgery Review course, Halifax, Nova Scotia, January 26th- 31st, 2010.

Annual Otolaryngology Head and Neck Surgery Review course, Halifax, Nova Scotia, January 27th -Feb 1st, 2011.

National/international podium and posters

“Percutaneous Tracheotomy & Otolaryngology: Fact and Fiction: Miniseminar presented at the American Academy of Otolaryngology Head and Neck Surgery, (chair J Johnson,co-authors D.Goldenberg and M. Seybt) Monday Oct 5th, 2009, San Diego California

‘A simple method to predict pretracheal tissue thickness to prevent accidental decannulation in the obese’ co-author, (presented by C Szeto) presented at the American Academy of Otolaryngology Head and Neck Surgery, Wednesday Oct 7th, 2009, San Diego California

‘Interesting Salivary Gland Tumors’, Panel Chair, presented at the ‘Congres International sur les pathologies des glandes salivaires’ Thursday October 29th 2009 in Montreal, Quebec

‘Vocal Fold Granulomas: a review in a tertiary care center’ co-author (presented by N Yammine), presented at the ‘Congres International sur les pathologies des glandes salivaires’ Saturday November 1st, 2009, in Montreal, Quebec

‘A simple method to predict pretracheal tissue thickness to prevent accidental decannulation in the obese’ co-author, (presented by C Szeto) presented at the ‘Congres International sur les pathologies des glandes salivaires’ Saturday November 1st, 2009, in Montreal, Quebec

Chronic Cough Workshop, CSO-HNS Halifax, May 2009

Challenges and Opportunities in Management of the Aging Voice: Miniseminar presented at AAO-HNS Annual Meeting, Sept 26th 2010, Boston Massachussets

Courses Organized/Directorships

Director, Annual McGill Update in Otolaryngology, held at Mt Tremblant March 19th-21st 2010 and March 18th-20th 2011 inclusive

Director, 1st Canadian course in Laryngology, offered to Canadian residents, held April 1st and 2nd 2011

Scientific Projects

Basic

Human papilloma virus (HPV) infection and Erythropoietin Receptor (EPOR) expression as prognostic indicators in Oropharyngeal cancer, in collaboration with Eduardo Franco, PhD, and James Hanley, PhD

Vocal Fold Vibration Measurements with the Use of Laser Doppler Vibrometry

Postgrad Student Supervision

Vocal Fold Granulomas: Treatment and Natural History

Voice disorders in patients over 65 in a tertiary care center: incidence, presenting complaints and diagnoses

Dr. John Manoukian

Current administrative positions and committee memberships

Hospital

Co-director of the division of Otolaryngology at the Montreal Children's Hospital responsible for postgraduate teaching & research

Member of search committee for the Otolaryngology department chief at the JGH

Committee on Craniofacial Anomalies, Cleft Lip and Palate - Montreal Children's Hospital, Montreal

University

Program director of the department of Otolaryngology, Faculty of Medicine, McGill University

- including the research committee
- Fellowship committee
- Head and neck fund raising committee

McGill Quarter Century club Oct/2010

National/international societies

Canadian Society of Otolaryngology Head and Neck Surgery

- member of the Society Council committee
- member of the RCPSC specialty committee
- member of the CME committee
- member of the Long Range planning and nominating committee
- member of the medical education committee
- member of the Program directors committee
- Quebec province regional representative to the CSO-HNS
- member of the Pediatric otolaryngology subcommittee
- member judge for the paper/floor session of the Poliquin-Medtronic Resident's competition

Reviewer of The Journal of Otolaryngology – Head and Neck Surgery

Teaching activities

Undergraduate (medical school)

McGill Medical student small group lectures

Residents

Otolaryngology Residents: Postgraduate lectures, to Otolaryngology residents, McGill University, with special interest in the topic of upper airway pathologies

CME

CME McGill Univ Faculty of Medicine, Conference sur la Divulgateion: annoncer les mauvaises nouvelles:

L'Obligation de divulgation des medecins January 2009

CME-McGill University Department of Otolaryngology. Improved outcome after adenotonsillectomy following implementation of revised guidelines, March 2009

McGill Faculty Development Workshop "Qualitative research in Health Sciences Education: From Design to Implementation, November 2009

McGill Faculty Development Workshop on "advanced clinical Teaching Skills", December 2009

Leadership Development Program, Faculty of Medicine, McGill University, January 2010

Workshop "Begining in Research Ethics? Guiding you in the Right Direction, McGill University, February 2010

International Conference on Residency Education of the RCPSC Ottawa Sept 23-25/2010

Special mentorship

Fahad Al-Saab

- Selected airway cases – Tracheal stenosis
- Laryngopharyngeal reflux and Otitis media
- Laryngeal web keel insertion endoscopically

Amanda Fanous

- Predicting revision surgery for chronic sinusitis in children

Mohammed Al Essa

- Linking extraesophageal gastric reflux (EEGR) to chronic rhinosinusitis in Children: Pepsinogen study of paranasal sinus and adenoid tissue

Presentations

Invited lectureships

Laryngopharyngeal reflux and otitis media with effusion. XIX ENT World Congress, IFOS 2009 Brazil, Sao Paulo, Brazil, June 2009.

Allergic rhinosinusitis to Otolaryngology resident. Organized by Shering Plough Canada, Montreal, Qc, February 2010

Courses

Specialty Panel: Interesting and challenging Cases in Pediatric Otolaryngology, 63rd annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Halifax, Nova Scotia, May 2009

Moderator of the Pediatric session of the 64th annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Niagara Falls, Ontario, May 2010

National/international podium and posters

Approach to choanal adenoids: Why should we care? presented at the 64th annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Niagara Falls, Ontario, May 2010

A multifaceted inter-specialty approach to teaching advanced airway management skills, presented at the 64th annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Niagara Falls, Ontario, May 2010

Linking extraesophageal gastric reflux (EEGR) to chronic rhinosinusitis in Children: Pepsinogen study of paranasal sinus and adenoid tissue, presented at the 64th annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Niagara Falls, Ontario, May 2010

Postoperative airway complications following esophageal atresia / tracheoesophageal fistula repair – a 10 year experience, presented at the 64th annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Niagara Falls, Ontario, May 2010

A new modified Lund-Mackay scale for radiological staging of pediatric rhinosinusitis. Presented at the 64th annual meeting of the Canadian Society of Otolaryngology –Head & Neck Surgery, Niagara Falls, Ontario, May 2010

Pediatric CRS; Lund-Mackay validity and surgery outcome. Presented at the annual meeting & Oto Expo of the American Academy of Otolaryngology –Head and Neck Surgery, Boston, MA, September 2010

Linking extraesophageal reflux to rhinosinusitis. Presented at the annual meeting & Oto Expo of the American Academy of Otolaryngology –Head and Neck Surgery, Boston, MA, September 2010

Scientific projects

Postgrad student supervision

Project: Validation of a pediatric reflux finding score and questionnaire.
Resident supervised: Valerie Cote

Dr. Alex Mlynarek

Current Administrative Positions and Committee Memberships

Hospital

GFTH Jewish General Hospital, cross appointment RVH, MGH

University

Assistant Professor, McGill

National/International Societies

| | |
|--------------|--|
| 2007-present | Fellow of the Royal College of Physicians and Surgeons of Canada (FRCSC) |
| 2007-present | Canadian Medical Association (CMA) |
| 2003-present | Canadian Society of Otorhinolaryngology – Head and Neck Surgery (CSO-HNS) |
| 2009-present | Fédération des Médecins Spécialistes du Québec (FMSQ) |
| 2009-present | Association Oto-rhino-laryngologie et de Chirurgie Cervico-faciale du Quebec |

Teaching Activities

Undergraduate (Medical School)

Multiple presentations on head and neck cancer at JGH, RVH & MGH

Supervision and teaching of students during clerkship rotations

Residents

Multiple presentations on head and neck oncology and reconstructive surgery at JGH, RVH & MGH
Supervision and teaching of residents in ORs, clinics and formal rounds

Fellows

Supervision and teaching of McGill head and neck oncology fellow

CME

Attendance of weekly McGill Otolaryngology grand rounds and hospital teaching rounds and tumor boards
American Head and Neck Society annual meeting
Quebec Otolaryngology Society annual meeting

Presentations

Invited Lectureships

Management of advanced head and neck non-melanoma skin cancer: Montreal Dermatological Society
Management of head and neck melanoma: Montreal Dermatological Society
Management of advanced head and neck non-melanoma skin cancer: Societe de Dermatologie de Quebec
Management of head and neck melanoma: Societe de Dermatologie de Quebec
Sinus Pathology: Queen Elizabeth Hospital Medical Rounds
Head and Neck Reconstruction: RVH and JGH OR nursing rounds

National/International Podium and Posters

La reconstruction des defauts de la joue: Une revue des methodologies courant: Quebec Otolaryngology Society annual meeting

Courses Organized/Directorships

McGill mandible plating course director. McGill Simulation Center

Scientific projects

Basic

Establishing a tumor bank for head and neck cancer at the Segal Cancer Center
Clinicopathological characterization and prognostic value of the molecular markers involved in epithelial-mesenchymal transition (MET) in oral squamous cell carcinoma

Osseointegration Following Ultrafast Laser Ablation Osteotomy

Postgrad Student Supervision

Nathan Jowett (Master student candidate)

Faisal Al-Obaid (fourth year ENT resident basic science researcher)

Dr. Lily Nguyen

Administrative Positions

University

| | |
|----------------|---|
| 2010 – present | Faculty of Medicine Admissions Board Faculty of Medicine, McGill University |
| 2008 – present | Career Advisor Career Fair for Faculty of Medicine, McGill University Representative for the Department of OTL-HNS, McGill University |
| 2006 – present | Director of Undergraduate Medical Education Department of OTL-HNS, McGill University |

Committee Membership

University

| | |
|----------------|--|
| 2010 – present | Member, CaRMS subcommittee of Residency Program Committee Department of OTL - HNS, McGill University |
| 2009 – present | Member, Undergraduate Curriculum Committee Faculty of Medicine, McGill University <ul style="list-style-type: none">• Committee is responsible for reviewing and making recommendations regarding the design and coordination of the four year Undergraduate Medical program at McGill University |
| 2006 – present | Member, Undergraduate Surgical Education Committee Faculty of Medicine, McGill University |
| 2006 – present | Member, Residency Program Committee Department of OTL - HNS, McGill University |

National / International

| | |
|----------------|---|
| 2009 – present | Core Member, Otolaryngology Undergraduate Medical Education Working Group Canadian Society of Otolaryngology – Head & Neck Surgery |
|----------------|---|

Teaching Activities

Post Graduate

| | |
|---------------|---|
| January 2010 | Diagnosis and Management of Acute Otitis Media Resident Teaching Rounds, Department of Pediatrics, McGill University |
| January 2010 | Approach to Common Tonsillar Pathology Resident Teaching Rounds, Department of Pediatrics, McGill University |
| November 2009 | Controversies in Otitis Media Resident Teaching Rounds, Department of OTL-HNS, McGill University |
| November 2009 | Approach to Stridor Resident Teaching Rounds, Department of OTL-HNS, McGill University |

Presentations

Invited Lectureship

| | |
|----------------|--|
| November 2010 | Airway Trauma – Pediatric Laryngeal Fractures Trauma Grand Rounds, Montreal Children’s Hospital, Montreal, Canada |
| November 2010 | Update on Extra-Esophageal Reflux: Perspectives from OTL-HNS and GI The Community-Based Pediatricians of the Montreal Children’s Hospital, Montreal, Canada |
| September 2010 | New advances in OTL-HNS – an update for the pediatrician Tiny Tots Medical Centers, Montreal, Canada |
| April 2010 | Manifestation de reflux extra-oesophagien pédiatrique Pediatric Grand Rounds, Charles Lemoyne Hospital, Longueuil, Canada |
| April 2010 | Freins de langue: intervenir ou non? Pediatric Grand Rounds, Charles Lemoyne Hospital, Longueuil, Canada |
| March 2010 | Update on Extra-Esophageal Reflux: Perspectives from OTL-HNS and GI Pediatric Grand Rounds, Montreal Children’s Hospital, Montreal, Canada |
| March 2010 | Panelist on Update in Pediatric Tonsillectomy 14 th Annual McGill University Update in Otolaryngology |

Podium Presentations

International

| | |
|-----------|--|
| Sept 2010 | **Canadian General Surgery Residents: Ready for the 80-hour Work Week? Hanna WC, Jamal MH, Nguyen LHP, Fraser SA International Conference on Residency Education meeting, Ottawa, Canada |
| June 2009 | Linking Laryngopharyngeal Reflux to Otitis Media with Effusion: A Pepsinogen Study of Adenoid Tissue and Middle Ear Fluid Al-Saab F*, Manoukian JJ, Almot S, Al-Sabah B*, Nguyen LH, Tewfik TL, Daniel SJ, Schloss MD, Hamid QA. International Federation of Oto-rhino-laryngological Societies, Sao Paulo, Brazil |

National

- May 2010 A New Modified Lund-Mackay Scale For Radiological Staging of Pediatric Rhinosinusitis
 Canadian Society of Otolaryngology – Head and Neck Surgery meeting, Niagara Falls, Canada (*with Dr A Fanous**)
- May 2010 Linking Extraesophageal Gastric Reflux to Chronic Rhinosinusitis in Children: Pepsinogen Study of Paranasal Sinus and Adenoid Tissue
 Canadian Society of Otolaryngology – Head and Neck Surgery annual meeting in Niagara Falls, Canada (*with Dr M Alessa**)
- May 2010 **A Multifaceted Inter-Speciality Approach to Teaching Advanced Airway Management Skills
 Richardson K*, Varshney R*, Ramadori F, Manoukian JJ, Guzzo A, Nguyen LHP.
 Canadian Society of Otolaryngology – Head and Neck Surgery meeting, Niagara Falls, Canada
- October 2009 **Taux de satisfaction des résidents dans les programmes d’oto-rhinolaryngologie canadiens
 V Vu*, LHP Nguyen
 Congrès annuel ORL du Québec, Montréal, Canada

Poster Presentations

- November 2010 **Objective Assessment of Myringotomy and Tympanostomy Tube Insertion
 Costescu A*, Nguyen LHP
 McGill Student Research Day, Montreal, Canada
- October 2010 **Does pneumatic otoscopy improve the diagnostic accuracy of otitis media with effusion in a clinical setting?
 Al-Khatib T*, Nguyen LHP, Razack S, Al-Saab F*, Sewitch MJ
 Royal Children Hospital Campus Research Week, Melbourne, Australia
- September 2010 **Evaluation of Intubation Skills in Internal Medicine Residents
 Okapuu J*, Maniatis T, Correa J, Ramadori F, Guzzo A, and Nguyen L.
 Simulation Summit annual meeting, Toronto, Canada
- September 2010 **Advanced airway management teaching in Otolaryngology residency: a survey of residents across Canada
 Côté V*, Kus L*, Zhang X, Richardson K*, and Nguyen LHP
 International Conference on Residency Education annual meeting in Ottawa, Canada
- September 2010 **Residents' satisfaction in Canadian Otolaryngology-Head & Neck Surgery Programs
 Vu TT*, Nguyen LHP
 International Conference on Residency Education annual meeting in Ottawa, Canada
- September 2010 **Teaching the basics of airway management via a multifaceted, interdisciplinary course
 Nguyen LHP, Ramadori F, Ng B*, Guzzo A

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| September 2010 | International Conference on Residency Education annual meeting in Ottawa, Canada **A Multifaceted Inter-Speciality Approach to Teaching Advanced Airway Management Skills Richardson K*, Varshney R*, Ramadori F, Manoukian JJ, Guzzo A, Nguyen LHP. |
| September 2010 | International Conference on Residency Education meeting, Ottawa, Canada **Canadian General Surgery Residents: Ready for the 80-hour Work Week? Hanna WC, Jamal MH, Nguyen LHP, Fraser SA |
| May 2010 | Canadian Surgery Forum annual meeting in Quebec City, Quebec, Canada **The Otolaryngology – Head & Neck Surgery Undergraduate Medical Education Working Group – A Canadian Initiative for Curriculum Development OTL-HNS Surgery Undergraduate Medical Education Working Group Canadian Society of Otolaryngology – Head and Neck Surgery annual meeting in Niagara Falls, Canada |
| May 2010 | **Variation in Undergraduate Medical Education in Otolaryngology – Head & Neck Surgery in Canada OTL-HNS Undergraduate Medical Education Working Group Canadian Society of Otolaryngology – Head and Neck Surgery annual meeting in Niagara Falls, Canada |
| May 2010 | **The Airway Basics Course: Teaching the ABC's of Airway Management to Surgical Residents Nguyen LHP, Ramadori F, Ng B*, Guzzo A Canadian Society of Otolaryngology – Head and Neck Surgery annual meeting in Niagara Falls, Canada |
| May 2010 | **Large Antrochoanal Polyp Causing Sleep Disordered Breathing in a Child: A Case Report and Literature Martin E*, Constantin E, and Nguyen LHP Canadian Society of Otolaryngology – Head and Neck Surgery annual meeting in Niagara Falls, Canada |
| May 2010 | **Bilateral Dacrocystoceles: A Rare Cause of Neonatal Respiratory Distress Lecavalier M*, Nguyen LHP Canadian Society of Otolaryngology – Head and Neck Surgery annual meeting in Niagara Falls, Canada |
| October 2009 | **Soins avancés pour le contrôle des voies aériennes: l'enseignement pendant la résidence d'ORL Côté V*, Kus L*, Richardson K*, Nguyen LHP Congrès annuel ORL du Québec, Montréal, Canada |

Course Organizer / Faculty of Symposia / Workshops

| | |
|----------------|---|
| November 2010 | Ethics and Communication in Otolaryngology Course Course Co-Director, Department of OTL-HNS Arnold & Blema Steinberg Medical Simulation Centre, McGill University |
| October 2010 | Small Group Facilitator, Professionalism Seminar Postgraduate Medical Education, Faculty of Medicine, McGill University |
| September 2010 | Advanced Airway Simulation Management (AAMS) Workshop |

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|----------------|---|
| | <p>Course Director Arnold & Blema Steinberg Medical Simulation Centre, McGill University</p> <ul style="list-style-type: none"> I conceptualized, developed and organized this educational course which involves a novel multifaceted inter-specialty approach to teaching advanced airway management skills using simulation. The course involved faculty from 4 departments and was offered to residents / fellows and staff from over 6 residency programs. |
| September 2010 | <p>Airway Basics Course Course Director Arnold & Blema Steinberg Medical Simulation Centre, McGill University</p> |
| March 2010 | <p>Ethics and Communication in Otolaryngology Course Course Co-Director, Department of OTL-HNS Arnold & Blema Steinberg Medical Simulation Centre, McGill University</p> <ul style="list-style-type: none"> A medical ethics curriculum was developed designed specifically for OTL-HNS residents. The course spans a four year period, with three key ethical topics covered each year. In addition to the standardized patient encounters with immediate small-group feedback, our course also involves didactic lectures, input from invited guests, large group video-assisted debriefings and 360° evaluations. |
| September 2009 | <p>Airway Basics Course Course Director, McGill University Arnold & Blema Steinberg Medical Simulation Centre, McGill University</p> <ul style="list-style-type: none"> I conceptualized, developed and organized this educational course which involves a novel multifaceted inter-specialty approach to teaching basic airway management skills using simulation. The course involved faculty from 4 departments and was offered to over 100 PGY1s from > 10 residency programs. |

Scientific Projects and Research Trainees Supervised or Co-Supervised

Medical Students - McGill University

| | |
|----------------|---|
| 2010 - present | <p>Lara Abdul-Sater Faculty of Medicine, degree expected in 2011 Main Supervisor <i>Medical students' professionalism: a study of misrepresentation of research publications otolaryngology – head & neck residency program applicants</i></p> |
| 2010 - present | <p>Amanda Fanous Faculty of Medicine, degree expected in 2011 Co-Supervisor with Dr Jamie Rappaport <i>Standardized patient encounters and video-assisted feedback in teaching ethics and communication skills to Otolaryngology - Head and Neck Surgery residents</i></p> |
| 2010 - present | <p>Julie Bao Anh Do Faculty of Medicine, degree expected in 2013 Co-supervisor with Dr Larry Lands</p> |

| | |
|----------------|---|
| 2010 - present | <p><i>The Effect of Genotype on Endoscopic Sinus Surgery Outcomes in Children with Cystic Fibrosis</i> Maude Campagna-Vaillancourt Faculty of Medicine, degree expected in 2013 Co-Supervisor with Dr John Manoukian and Dr Saleem Razack</p> |
| 2010 - present | <p><i>Acceptability of the Multiple Mini Interview for Admission to McGill Otolaryngology – Head and Neck Surgery Residency Program</i> Philippe Paci Faculty of Medicine, degree expected in 2013 Co-Supervisor with Dr Evelyn Constantin and Dr Karen Brown</p> |
| Summer 2010 | <p><i>Ethnicity and postoperative respiratory complications of adenotonsillectomy for obstructive sleep apnea in children</i> Adrian Costescu Faculty of Medicine, degree expected in 2015 Main Supervisor</p> |
| 2009 - present | <p><i>Objective Assessment of Myringotomy and Tympanostomy Tube Insertion</i> Daniel Castano Faculty of Medicine, degree expected in 2013 Co-Supervisor with Dr Maida Sewitch <i>A qualitative assessment of randomized controlled trials in otolaryngology</i></p> |

Graduate Students – McGill University

| | |
|-------------|--|
| 2008 - 2010 | <p>Dr Talal Al-Khatib Department of Otolaryngology – Head and Neck Surgery MSc obtained in 2010 Thesis co-supervisor with Dr Maida Sewitch <i>Does pneumatic otoscopy improve the diagnostic accuracy of otitis media with effusion in a clinical setting?</i></p> |
|-------------|--|

Post-Graduate Students – McGill University

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|----------------|---|
| 2010 - present | <p>Dr Noah Sands Department of Otolaryngology – Head and Neck Surgery Main supervisor <i>Global Assessment of Surgical Competency in Otolaryngology</i></p> |
| 2010 - present | <p>Dr Noah Sands Department of Otolaryngology – Head and Neck Surgery Main supervisor <i>Motor Nerve Sparing Surgery Using Intra-Vital Application of Methylene Blue onto the Nerve Sheath</i></p> |
| 2010 - present | <p>Dr Justin Létourneau Department of Anesthesiology Co-supervisor with Dr Angelina Guzzo <i>Construct validity of an objective assessment tool for evaluating intubation skills</i></p> |
| 2010 - present | <p>Dr Joseph Schwartz Department of Otolaryngology – Head and Neck Surgery</p> |

| | |
|----------------|---|
| | Main Supervisor <i>Burnout in Otolaryngology – Head and Neck Surgery residents: A Canadian Survey.</i> |
| 2010 - present | Dr Tamara Mijovic Department of Otolaryngology – Head and Neck Surgery Main Supervisor |
| 2009 - 2010 | <i>Risk Factors for Synchronous Airway Lesions in Children</i> Dr Julie Okapuu Department of Medicine Co-supervisor with Dr Tom Maniatis |
| 2008 - 2009 | <i>Teaching and Evaluation of Intubation Skills in Internal Medicine Residents</i> Dr. Talal Al-Khatib Department of Otolaryngology – Head and Neck Surgery Main Supervisor |
| 2008 - 2010 | <i>Pneumatic video-otoscopy teaching improves the diagnostic accuracy of otitis media with effusion: Results of a randomized control trial.</i> Dr Keith Richardson Department of Otolaryngology – Head and Neck Surgery Main Supervisor |
| 2008 - 2010 | <i>A Multifaceted Inter-Speciality Approach to Teaching Advanced Airway Management Skills</i> Dr Vi Vu Department of Otolaryngology – Head and Neck Surgery Main Supervisor |
| | <i>Residents' Satisfaction in Canadian Otolaryngology – Head and Neck Surgery Programs</i> |

Post- Graduate Students – Non-McGill University

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| 2009 - 2010 | Dr. Lukas Kus, University of Toronto Department of Otolaryngology – Head and Neck Surgery Main Supervisor <i>Advanced airway management teaching in Otolaryngology residency: a survey of residents across Canada</i> |
| 2008 - present | Dr Bahar Torabi, University of British Columbia Department of Pediatrics Co-Supervisor with Dr Lucy Carpinetta <i>Re-classifying Pediatric Temporal Bone Fractures</i> |

Certificates, Courses & Workshops

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| December 2010 | Faculty Development Train-the-Trainer Program Faculty Development Office, Faculty of Medicine, McGill University |
| October 2010 | M ³ I Writers' Workshop Office of Admissions, Faculty of Medicine, McGill University |

November 2009 Qualitative Research in Health Sciences Education: From Design to Implementation Workshop
Faculty Development Office, Faculty of Medicine, McGill University

Miscellaneous

2009 - present Mentor, Shadowing Program for medical students
McGill Osler Society, Faculty of Medicine, McGill University

Dr. Richard Payne

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| Committees | <i>Residency Training Committee</i> | 2009-2010 |
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| Professional Certifications | American College of Surgeons Thyroid and Parathyroid Ultrasound Course | 2010 |
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| Other | Journal of Otolaryngology – Reviewer -Outstanding reviewer award | 2009-2010 |
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| | British Medical Journal – Reviewer | 2009 |
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| | Journal of Sleep Medicine – Reviewer | 2009 |
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| | Director McGill University Health Centre Thyroid Cancer Tumour Board | 2009-2010 |
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| | McGill University Department of Otolaryngology – Head and Neck Surgery – Core Surgery Representative | 2009-2010 |
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| | Mach-Gaensslen Foundation of Canada Research Grant - McGill University | 2009 |
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| | Winner ProMontreal Award For Young Professional Entrepreneur | 2009 |
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Presentations

Thyroid Cancer Panel

- Director, organizer, and presenter at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)

McGill Thyroid Nodule Scoring System

- Sands N, Amir A, Karls S, How J, Tabah R, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)
- Presented at the Quebec Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Quebec City (2010)
- Winner of 2nd Prize

What Are Thyroidectomy Patients Really concerned about

- Addul-Slater L, Henry M, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)
- Presented at the Quebec Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Quebec City (2010)

Is Gender A Risk Factor of Thyroid Cancer?

- Sands N, Karls, S, Amir A, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)
- Presented at the American Academy of Clinical Endocrinology –Annual Meeting, Boston (2010)

Preoperative Predictive Value of PET scan in Thyroid Nodules

- Amir A, Karls S, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)
- Presented at the Quebec Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Quebec City (2010)

Does the Treatment of Thyroidectomy Patients Predispose to Sleep Apnea

- Varshney R, Forest V, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)

Extrathyroidal Extension in Micropapillary Thyroid Carcinoma

- Benay C, Cote V, Tamilia M, Payne RJ
- Presented at the Quebec Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Quebec City (2010)

Sentinel Lymph Node Biopsy in Thyroid Cancer: Does Frozen Section Work?

- Richardson K, How J, Tabah R, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)

Minimally Invasive Video Assisted Thyroidectomy

- Jowett N, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Niagara (2010)

Sentinel Lymph Node Biopsy in Thyroid Cancer: Does it Work

- Richardson K, Anand S, Rochon L, Tamilia M, Payne RJ
- Presented at the American Academy of Clinical Endocrinology –Annual Meeting, Boston (2010)

Total Thyroidectomy Sectioning and Yield of Incidental Disease

- Pakdaman M, Gologan O, Rochon L, Payne RJ
- Presented at the American Academy of Clinical Endocrinology –Annual Meeting, Boston (2010)

MTNS and Risk of Thyroid Cancer

- Sands N, Karls S, Amir A, Gologan O, Rochon L, Tamilia M, Payne RJ
- Presented at the American Academy of Clinical Endocrinology –Annual Meeting, Boston (2010)

Are Patients Undergoing Thyroidectomy Really Worried?

- Addul-Slater L, Henry M, Tamilia M, Hier MR, Payne RJ
- Presented at the American Academy of Clinical Endocrinology –Annual Meeting, Boston (2010)

Parathyroid Localization: How Do We Find It

- Marzuki H, Payne RJ
- Presented at the Quebec Society of Otolaryngology Annual Meeting, Montreal (2009)

What to do with Indeterminate FNA's of the Thyroid Gland

- Mijovic T, Rivera J, Payne RJ
- Presented at the Quebec Society of Otolaryngology Annual Meeting, Montreal (2009)

Ultrasound Guided Biopsies Can Also Be Done By Surgeons

- Schwartz J, Zeitouni A, Payne RJ
- Presented at the Quebec Society of Otolaryngology Annual Meeting, Montreal (2009)

Sentinel Lymph Node Biopsy: It's Role in Thyroid Cancer

- Anand S, How J, Tamilia M, Payne RJ
- Presented at the Quebec Society of Otolaryngology Annual Meeting, Montreal (2009)

Sleep Apnea and the Otolaryngologist

- Director and Moderator of Session
- Mont Tremblant – McGill ENT Update 2009

Head and Neck Masses

- Panelist
- Mont Tremblant – McGill ENT Update 2009

The Tg:TSH ratio: What Does It Mean

- Pakdaman M, Tamilia M, Payne RJ

- Presented at the American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, San Diego (2009)

Preoperative Calcium Levels as an Indicator of Postoperative Hypocalcemia

- Amir A, Sands N, Tamilia M, Hier MP, Payne RJ
- Presented at the World Thyroid Congress, Toronto (2009)

Can Serum Levels of Thyroglobulin Predict Thyroid Cancer

- Karls S, Amir A, Tamilia M, Hier MP, Payne RJ
- Presented at the World Thyroid Congress, Toronto (2009)

The Relationship Between FNA Findings and Incidental Microcarcinoma

- Pakdaman M, Mijov T, Rochon L, Payne RJ
- Presented at the World Thyroid Congress, Toronto (2009)

The Role of Tg-Ab as a Tumor Marker

- Cohen N, Pakdaman M, Payne RJ
- Presented at the World Thyroid Congress, Toronto (2009)

Post-Thyroidectomy Prediction and Management of Hypocalcemia

- Cote V, Payne RJ
- Presented at IFOS, Sao Paulo, Brazil (2009)

Hashimoto's Thyroiditis as a Risk Factor for Post-Thyroidectomy Hypocalcemia

- Neaga O, Sands N, Cote V, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Ultrasound Guided Biopsies By Residents: Are They Safe?

- Schwartz J, Gologan O, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Body Mass Index in the Evaluation of Thyroid Cancer

- Mijovic T, How J, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Thyroid Stimulating Hormone and Thyroid Cancer

- Ywakim R, How J, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Papillary Thyroid Cancer and Sentinel Lymph Nodes: Our Findings

- Anand S, Hier MP, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Lymph Node Metastasis in Thyroid Papillary Microcarcinoma

- Varshney R, Cote V, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Hashimoto's Thyroiditis as a Risk Factor for Post-Thyroidectomy Hypocalcemia

- Neaga O, Sands N, Cote V, Payne RJ
- Presented at the Canadian Society of Otolaryngology – Head and Neck Surgery Annual Meeting, Halifax (2009)

Teaching

- Supervisor Master's Student (Sumeet Anand), 2009 – The Role of Sentinel Lymph Node Biopsy in Well Differentiated Thyroid Cancer
- Supervisor Master's Student (Keith Richardson), 2010 – The Role of Frozen Section Analysis in Sentinel Lymph Node Biopsy in Well Differentiated Thyroid Cancer
- Supervisor Head and Neck Cancer Fellow, 2010 – Eyal Selah, 2009 – Hadi Hakami
- Supervisor 2nd Year Medical Student Research Bursary, 2009 – Alexander Amir PET Scan in thyroid cancer
- Supervisor 2nd Year Medical Student Research Bursary, 2009 – Sean Karls McGill Thyroid Nodule Score
- Instructor Endocrinology Thyroid Fellows, 2009-2010 – Performing ultrasound guided biopsies Head and Neck Masses
- McGill University Medical Student Teaching – Royal Victoria Hospital (2009, 2010), Thyroid Surgery as a career

- McGill University Medical Student Teaching , Osler Society (2010)
- Thyroid Cancer , McGill University Endocrinology Resident Teaching – Royal Victoria Hospital (2010)
- Thyroid Cancer , McGill University Medical Student Teaching – Jewish General Hospital (2009, 2010)
- Thyroid Cancer, McGill University ENT Resident Teaching – Jewish General Hospital (2009, 2010)
- Sleep Apnea, McGill University ENT Resident Teaching – Jewish General Hospital (2009)
- Otolaryngology Residents Oral Examiner, McGill University ENT residents Moc Oral Exams (2009-2010)
- Sleep Apnea – An ENT Perspective, Jewish General Hospital Department of Internal Medicine (2009)
- Sleep Apnea – Diagnosis and Treatment, Department of Otolaryngology – Head and Neck Surgery – Resident Teaching (2009)
- New Developments in Thyroid Cancer , Ste. Justine – Department of Endocrinology (2009, 2010) Guest Speaker
- Canadian Thyroid Foundation, 2010 Guest Speaker – Ottawa Civic Hospital Thyroid Cancer
- Public Lecture (French), 2010 Organized by the Jewish General Hospital PACU Nurses Rounds - Thyroid Cancer 2010
- Organized by the Royal Victoria Hospital, Medical Nurses Rounds - Thyroid Cancer 2010
- Organized by the Jewish General Hospital Surgical Nurses Rounds - Thyroid Cancer 2009
- Organized by the Royal Victoria Hospital Surgical Nurses Rounds - Thyroid Cancer 2009
- Organized by the Jewish General Hospital, Thyroid Cancer – Cansupport Public Lecture 2009
- Organized by the Cedars Cancer Centre at the McGill University Health Centre Spoke to 100 people, public and media, regarding thyroid cancer *Thyroid Cancer – Public Lecture 2009*

Dr. Jamie Rappaport

Appointments

University

Associate Professor (GFT-H), Department of Otolaryngology, McGill University, Montreal, Quebec, Canada (2004 – present)

Assistant Program Director, Department of Otolaryngology, McGill University, Montreal, Quebec, Canada (2006 – present)

Hospital

Attending Staff (GFT-H), Department of Otolaryngology, The Sir Mortimer B. Davis-Jewish General Hospital, Montreal, Quebec, Canada (1996 - present)

Director of Otology / Neurotology, Department of Otolaryngology, The Sir Mortimer B. Davis-Jewish General Hospital, Montreal, Quebec, Canada (1997- present)

Attending Staff, Department of Otolaryngology, Royal Victoria Hospital, Montreal, Quebec, Canada (2000 – present)

Associate Chief, Department of Otolaryngology, The Sir Mortimer B. Davis-Jewish General Hospital, Montreal, Quebec, Canada, Departmental Affairs (2002 - present)

Assistant Program Director, Department of Otolaryngology, McGill University (Sept. 2006 – present)

Other

Examiner, Royal College of Physicians and Surgeons of Canada (2007 – present)

Consultant Otolaryngologist, Northern Quebec Module (1998 – present)

Courses and Meetings Attended

13th Annual McGill Otolaryngology Update Course, Mont Tremblant, Quebec, March 20-22, 2009.

McGill Program Directors' Workshop: "Exploring Ways to Help Integrate International Medical Graduates." McGill Faculty Club, Montreal, QC. April 22, 2009.

Canadian Society of Otolaryngology-Head and Neck Surgery 63rd Annual Meeting, Halifax, NS, Canada, May 9-12, 2009.

Combined Otolaryngology Spring Meeting (American Otological Society and American Neurotology Society sessions attended), Las Vegas, NV, USA, April 28-May 2, 2010.

Canadian Society of Otolaryngology-Head and Neck Surgery 64th Annual Meeting, Niagara Falls, ON, Canada, May 22-26, 2010.

12th International Otology Course of the Causse Ear Clinic, Colombiers, France, July 1-3, 2010.

Annual Meeting of the American Academy of Otolaryngology (Boston, MA, USA), September 26-29, 2010.

6e Cours D’otologie et de Neuro-otologie – Universite de Montreal, November 6, 2010.

Scholarships and/or Distinctions

Nov. 2009 Royal College of Physicians and Surgeons of Canada Examination Committee
Invited Member

Teaching

McGill Courses

Undergraduate

1996-present Tutorial (2nd year McGill Medical Students, ICM-C Surgery)
“Ear and Hearing Problems”, 12 hours/year

1998-present Principles of Otolaryngology Examination (teaching of ENT physical
examination to 1st year McGill Medical Students, ICM-A), 2 hours each group

Post-graduate

1996-present Core Lecture Series for McGill Otolaryngology Residents
Topics: “Chronic Ear Disease / Indications for Surgery” (September 8, 2009)
“Hearing Loss / Otosclerosis / Ototoxicity” (September 22, 2009)

1997-present Instructor, McGill Otolaryngology Resident Temporal Bone Drilling Course
Royal Victoria Hospital (1997-2004), Montreal Children’s Hospital (2005-
2006), McGill Simulation Center (2007-2010)
Topics: Endolymphatic sac
Mastoidectomy
Facial Nerve
Labyrinthectomy
Osseous Approaches to the Temporal bone
Middle Fossa Approach

**Translabrynthine Approach
Cochlear Implantation**

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| 1996-present | Journal Club Series for McGill Otolaryngology Residents 4 times per year; 3 hours each |
| 2001-present | Supervisor of Senior Residents, McGill Department of Otolaryngology (in preparation for their Royal College examinations), 25 hours/year |
| Mar.10, 2009 | Course Co-organizer (with Dr. Michael Hier): “Breaking Bad News”; Otolaryngology OSCE (Standardized Patients); McGill Simulation Center |
| Sept. 8, 2009 | Lecturer, McGill Otolaryngology Residents (topics: Chronic ear disease / Indications for surgery) |
| Sept. 22, 2009 | Lecturer, McGill Otolaryngology Residents (topics: Hearing loss (CHL, SNHL) – otosclerosis / ototoxicity) |
| Mar. 9, 2010 | Course Co-organizer (with Dr. Lily Nguyen): “Ethics / Communication Skills”; Otolaryngology OSCE (Standardized Patients); McGill Simulation Center |
| Nov. 2, 2010 | Course Co-organizer (with Dr. Lily Nguyen): “Ethics / Communication Skills”; Otolaryngology OSCE (Standardized Patients); McGill Simulation Center |

CME

“Reducing Your Resistance Footprint: Are You Prescribing Green?”, Abbott/Merck ENT2 seminar for family physicians. Pointe-Claire, QC, June 16th, 2010.

Clinical Teaching

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| 1996 - present: | Supervision and teaching of Otolaryngology, General Surgery, and Family Medicine Residents, Elective Medical Students (outpatient department and operating room settings) |
| 1996 - present: | ICM-C Student (McGill Medical School) - 4 to 6 lectures per year (“Ear and Hearing Problems”) |
| 1998 - present | Principles of Otolaryngology Examination (teaching of ENT physical examination to 1 st year McGill Medical Students, ICM-A) - 1 to 3 sessions per year |

Invited Lectures, Talks, Presentations

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| Invited Speaker | “Hands-on Workshop: Vertigo: Epley Maneuver” 61 st Annual Refresher Course for Family Physicians Hotel Bonaventure Hilton |
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| | Montreal, QC November 29, 2010 |
| Invited Speaker | 6e Cours D’otologie et de Neuro-otologie – Universite de Montreal “Conduite a tenir devant les complications chirurgicales peroperatoire en otologie” ; “Table ronde : otites moyenne chronique suppurative” Hopital Maisonneuve-Rosemont Nov. 6, 2010 |
| Course Coordinator | 14 th Annual McGill Otolaryngology Update Course Mont Tremblant, Quebec March 2010 |
| Invited Speaker | Special Workshop “Review of Mastoidectomy Techniques for the General Otolaryngologist” Canadian Society of Otolaryngology-Head and Neck Surgery 63 rd Annual Meeting, Halifax, N.S., Canada May 11 th , 2009 |
| Course Coordinator | 13 th Annual McGill Otolaryngology Update Course Mont Tremblant, Quebec March 2009 |

Scientific Presentations

Varshney R*, Payne R, Forest V, Black M, Hier M, Zeitouni A, Rappaport J, Frenkiel S. Are Patients With Head and Neck Cancer More Likely to Suffer From Obstructive Sleep Apnea? Canadian Society of Otolaryngology-Head and Neck Surgery 64th Annual Meeting, Niagara Falls, ON, Canada, May 24th, 2010.

Varshney R*, Payne R, Forest V, Black M, Hier M, Zeitouni A, Rappaport J, Frenkiel S. Are Patients With Head and Neck Cancer More Likely to Suffer From Obstructive Sleep Apnea? McGill Dept of Otolaryngology 18th Annual Resident Research Day. Montreal, QC. May 17th, 2010.

Other Contributions

Journals

Ad hoc reviewer

Journal of Otolaryngology
Otolaryngology - Head & Neck Surgery
Otology & Neurotology

Grant Reviews

Ad hoc review

2010 Oral Defense Committee for PhD. of Raymundo MUNGUIA VAZQUEZ

Committees

Hospital

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| Member | Implementation Committee, OR Computerization Project (OPERA) SMBD-Jewish General Hospital July 2000 - present |
| Arbitrator | Operating Room SMBD-Jewish General Hospital, 2001 |
| Member | PACS (Picture Archiving and Communication System) Implementation Committee SMBD-Jewish General Hospital 2002 – present |
| Member | Surgical Care Committee SMBD-Jewish General Hospital 2002 - present |
| Member | McGill Head & Neck Cancer Fund Committee Invitation Design and Mailing list organizer 1996 - present |
| Team Leader | Operating Room Accreditation Committee SMBD-Jewish General Hospital 2008-2010 |

External

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| Founding Member | Canadian Otology Study Group |
| Consultant | Gerson Lehrman Group |

Professional and/or Learned Societies

- * Canadian Society of Otolaryngology-Head and Neck Surgery
- * American Academy of Otolaryngology-Head and Neck Surgery
- * Federation of Medical Specialists of Quebec
- * Quebec Society of Otolaryngology-Head and Neck Surgery
- * Canadian Medical Association
- * Montreal Medico-Chirurgical Society (Section of Otolaryngology)
- * American Auditory Society

- * Association for Research in Otolaryngology
- * Physicians for a Smoke-Free Canada

Other Professional and Scientific Contributions

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| Member | National Advisory Council ENT (NACENT) September 2000 - present |
| Supervisor | HOPS students (high school students' "hospital opportunity Program") - Jewish General Hospital 2001 – present |
| Member | McGill Head & Neck Cancer Committee (annual fundraiser to support resident Otolaryngology research efforts, more than \$3,000,000 raised since 1996). |
| Silver Ambassador | The Ride to Conquer Cancer (benefiting the Jewish General Hospital): Rider & Co-Captain of <i>Spin Doctors</i> team (2009, 2010) |

Research Activities

Research interests include various aspects of Otology and Neurotology (noise-induced hearing loss, sudden sensorineural hearing loss, otosclerosis/stapedectomy, middle ear mechanics, ototoxicity, hearing loss secondary to meningitis, hearing preservation in acoustic neuroma surgery, vestibular rehabilitation). I am currently a collaborating member of the McGill Auditory Sciences Laboratory.

Dr. Mark Samaha

Current Administrative Positions and Committee Memberships

Residency program committee - Department of Otolaryngology, McGill University
 Research committee - Department of Otolaryngology, McGill University
 Coordinator, Lecture and Grand Rounds teaching program, Dept of Otolaryngology, McGill University
 Associate Editor: Journal of Laryngology and Otology (UK)

Teaching Activities

Undergraduate

Lectures to medical students in topics of otolaryngology 4 hrs/yr

Residents

Lectures

10/11/09 “Study Habits and Techniques” Department of Otolaryngology, McGill University
16/02/10 “Acute Sinusitis” Department of Otolaryngology, McGill University
14/09/10 “Nasal Trauma” Department of Otolaryngology, McGill University
30/11/10 “Sinus Anatomy and Radiology” Department of Otolaryngology, McGill University

Other

Royal College oral examination sessions for senior residents. Department of Otolaryngology, McGill University
Oral examiner. Department of Otolaryngology, McGill University.

Fellows

07/09–06/10 Fellowship preceptor. Fellow: Yahya Al-Badaai, MD, FRCSC

CME

10/09/09 “Endoscopic Ligation Sphenopalatine Artery” Department of Otolaryngology, St-Mary’s Hospital.
12/04/10 “Allergic Rhinitis”. Presentation to community General Practitioners. Montreal, Quebec.
17/04/10 “Radiological Localization of Schneiderian Papillomas: Is the Osteitis Sign Reliable?” Department of Radiology annual research day. Department of Radiology, McGill University.
29/04/10 “Practice Management in Otolaryngology” Department of Otolaryngology Grand Rounds, McGill University.

Special Teaching Activity

Produced a multimedia instructional DVD on advanced techniques of endoscopic surgery

Presentations

Invited Lectureships

31/07/09 Royal College Invited Guest Speaker. Eastern Society of Otolaryngology Meeting. Digby Pines, Nova Scotia. 2 Presentations

31/10/09 Moderator, Rhinology session. Société d’Otorhinolaryngologie et Chirurgie Cervico-Faciale du Québec annual meeting, Montreal, Quebec

11/01/10 “Exérèse Endoscopique de Papillômes Inversés. L’approche Caldwell-Luc est-elle toujours utile?” Department of Otolaryngology, University of Montreal, Montreal, Quebec

07/10/10 “Current status of Endoscopic Resection of sinus and Skull Base Tumours”. Department of Otolaryngology. Université St-Joseph, Beirut, Lebanon

20/09/10 “La Septorhinoplastie Endonasale: Une Approche Personelle”. Department of Otolaryngology, University of Montreal, Montreal, Quebec

Courses

20/03/10 “Septorhinoplasty: How I do it”. McGill annual otolaryngology update, Mont-Tremblant, Quebec

National/International Podium and Posters

24/05/10 Does pterygopalatine fossa injection with local anesthetic and adrenaline decrease bleeding during endoscopic sinus surgery? Canadian society of Otolaryngology, Niagara Falls, Ontario

25/09/10 “Radiological localization of Schneiderian Papillomas: Is the Osteitis Sign Reliable? American Rhinologic Society Annual Meeting, Boston, MA

30/10/10 “Rhinoplastie endonasale: Une présentation vidéo d’une approche mini-intrusive avec anesthésie locale.” *Société d’Otorhinolaryngologie et Chirurgie Cervico-Faciale du Québec annual meeting*, Québec, Québec.

Courses Organized/Directorships

06/04/10 Director and Instructor. Cadaver dissection course for nasal and facial plastic surgery. McGill Simulation centre, McGill University

Other

Running a Facial plastic surgery surgical centre in Montreal. Observers, including McGill Otolaryngology residents are able to attend surgeries and observe a variety of facial plastic and reconstructive procedures.

Obtained additional specialty certification. Became certified by the American Board of Facial Plastic and Reconstructive Surgery

Dr. Melvin Schloss

Current Administrative Positions and Committee Memberships

Hospital – Director of Pediatric Otolaryngology MCH

University – Chairman of Search Committee for Director of School of Communication Sciences and Disorders

Teaching Activities

Active involvement in teaching medical school students, residents, and fellows at MCH
CME – member of executive committee of CME in the Faculty of Medicine, McGill University
Reviewer for the International Journal of Pediatric Otolaryngology
Reviewer for CDPharma presentations for the Faculty of Medicine, McGill University

Courses Organized

Director of Mini Med School at the Children's (series of lectures held each year for the public)

Presentations

Lend me your Ears. Presented at the McGill University Mini Med School series, June 28, 2009.

Dr. Bernard Segal

Current Administrative Positions and Committee Memberships

Hospital (SMBD-Jewish General Hospital)

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| Otolaryngology | Director of Research |
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McGill

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| Otolaryngology | Director of Research |
| Otolaryngology | Director of Graduate Studies |
| Otolaryngology | Member, Residency Program Committee |
| Otolaryngology | Chair, Research Committee |
| Otolaryngology | Director, Graduate & Enrichment Programs |
| Otolaryngology | Member, Departmental Tenure committee |
| Otolaryngology | Member, CARMS Selection committee |
| Faculty of Medicine | Member, Clinical Investigator Program Committee |
| Faculty of Medicine | Member, Canadian Society for Clinical Investigation/CIHR award Committee |

National

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| Radio Advisory Board | Member, Electromagnetic compatibility committee |
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International

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| AAMI | Member, Electromagnetic compatibility Committee |
| ISMICT* | General Co-Chair (February 2010 meeting held in Taipei, Taiwan) |
| ISMICT | Steering Committee (February 2010 meeting held in Taipei, Taiwan) |
| ISMICT | International Advisory Board (2011 meeting in Montreux, Switzerland) |
| ISMICT | Steering Committee (March 2011 meeting in Montreux, Switzerland) |
| ISMICT | Technical Program Committee (2011 meeting in Montreux, Switzerland) |
| | *International Symposium on Medical Information & Communication Technology |

Teaching Activities

Residents

I give lectures on research topics to residents in the enrichment year and master's program. I also deal one-on-one with academic issues associated with these activities.

Research Engineers

Quach, J 2009

Presentations (*Non-refereed*)

Segal B, Labeau F (2009) “Wireless healthcare: Enabling wireless technologies safety in hospitals.” Bell Canada Labs. Nov 3, 2009

Scientific Projects (Clinical, Basic, Post-grad Student Supervision)

Overview: My current research aims to facilitate safe wireless informatics usage in healthcare by unblocking obstacles to wireless usage in healthcare. As Principle investigator of a highly-inter-disciplinary (otolaryngology, engineering, epidemiology, medicine) multi-hospital (Jewish General Hospital, MUHC (RVH & MGH), St Mary's Hospital), multi-university (McGill, Concordia, University of Montreal) research project, I have received significant funding for this research, which will evaluate the use wireless informatics to improve workflow and to reduce medication errors in emergency rooms.

Other International Activities

Fourth International Symposium on Medical Informatics and communication technologies: I was the invited co-chair of this international symposium, and I was on the Steering Committee that structured this meeting. The meeting was held in Taipei, Taiwan on March 22 to 25, 2010. (see www.ISMICT2010.org)

Fifth International Symposium on Medical Informatics and communication technologies: I am on the International Advisory Board, on the Steering Committee, and on the Technical Program Committee of this international symposium. The meeting will be held in Montreux, Switzerland from March 27 to 30th

2011. (see www.ISMICT2011.org)

I have contributed to guidance and standards in electromagnetic compatibility. I was part of an international committee that has produced the document: “Guidance on electromagnetic compatibility of medical devices in healthcare facilities.” AAMI Technical Information Report (AAMI TIR18:2010).

Dr. Robert Shapiro

Teaching Activities

Residents

McGill Temporal Bone Drilling Course
Ear Drops Tutorial

Presentations

Courses

McGill Temporal Bone Drilling Course
Ear Drops Tutorial

Dr. Robert Sweet

Current Administrative Positions and Committee Memberships

Staff Otolaryngologist MUHC, CSSS Baie James, CS Inuulitsivik, Hop Ste-Anne
Academic site director MGH ORL
Assistant Otolaryngologist McGill
CSO, QMA

Teaching Activities

Otology small group teaching ICS
Audio – vestibular rotation R4

Dr. Marc Tewfik

Current Administrative Positions and Committee Memberships

Hospital

RVH OR Committee

Cross-appointment to the Division of Respiratory Medicine of the MUHC

Member of the Joint-Airways Committee of the Jewish General Hospital

University

Assistant Professor, Department of Otolaryngology – Head and Neck Surgery

ENT Research Committee

National/International Societies

American Rhinologic Society Business Relations Committee Sep 2010-2013

Teaching Activities

Undergraduate (medical school)

ENT emergencies, January 12, 2011

Residents

Advanced Techniques in ESS, January 31, 2011

ENT emergencies (Family Medicine residents), January 12, 2011

Acute Rhinosinusitis, Fall 2010

Granulomatous diseases of the Sinonasal Tract, Fall 2010

CME

Acute Rhinosinusitis: Current Guidelines (HerzLCME activity for family physicians), January 25, 2011

Special Mentorship

Supervisor of resident Grand Round presentations: *To the Clivus and Beyond: the Journey of and Endoscope* (Dr. Yassin Ali), January 13, 2011; and *Endoscopic Maxillary Sinus Surgery: Extended Procedures* (Dr. Mohammed Al-Essa), September 16, 2010.

Presentations

Invited lectureships

New Techniques in ESS. RVH OR nurses Thursday morning rounds, December 2, 2010

Expanded Endonasal Approaches for Skull Base Tumors. Otolaryngology – Head & Neck Nurses Group Meeting, satellite of the Australian Society of Otolaryngology – Head and Neck Surgery, Sydney, Australia; March 28, 2010.

Courses

Extended Posterior Cranial Fossa Tumour Resection. Boomrock Meeting: Advances in Rhinology and Facial Plastic Surgery, Wellington, New-Zealand; March 18, 2010.

National/International Podium and Posters

Tewfik MA, Torpy DJ, Irish G, Fong E, Santoreneos S, Floreani S, Field J, Wormald P-J. *Endoscopic versus Microscopic Transsphenoidal Pituitary Surgery: the Adelaide Experience.* North American Skull Base Society Annual Meeting, Scottsdale, AZ; February 19, 2011.

Tewfik MA, Valentine R, Foreman A, Wormald PJ. *Comparison of Endoscopic Techniques for Securing the Dural Reconstruction for Surgical Defects of the Anterior Cranial Fossa.* North American Skull Base Society Annual Meeting, Scottsdale, AZ; February 18, 2011.

Tewfik MA, Valentine R, Foreman A, Wormald PJ. *Cadaver Study Comparing Various Methods of Endoscopic Reconstruction of Anterior Cranial Fossa Defects.* Poster, American Rhinologic Society Annual Meeting, Boston, MA; September 25, 2010.

Courses Organized/Directorships

Instructional Course: *Making Sense of CRS: Rhinology in the Era of Personalized Medicine*, submitted for the American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, San Francisco, CA; September 2011.

Eastern Canadian Resident ESS course, planned for Fall 2011

North American Masterclass of Sinus Surgery, featuring Professor P-J Wormald, planned for 2013.

Scientific Projects

Postgrad Student Supervision

Wound Healing in Endoscopic Sinus Surgery (Dr. **Error! Reference source not found.**), collaboration with Dr. Qutayba Hamid of the Meakins Christie Laboratories

Dr. Ted Tewfik

Current Administrative Positions and Committee Memberships

Chair of Steering Committee, Mini- Med School at the Children's (French Sessions). 2006-2009
Chair, By-Laws Committee, Canadian Society of Otolaryngology-HNS, 2006-2010
Member, Organizing Committee, Insurance Medicine and Medicolegal Expertise, Faculty of Medicine, University of Montreal, 2007-present

Teaching Activities

Lectures to Phase II Medical Students (Clinical Clerkship)
Lectures to Otolaryngology Residents (rotating at MCH) on weekly basis

Presentations

Invited Faculty, Congrès sur les pathologies des glandes salivaires. Montreal, Hotel Sofitel), Oct 29, 2009
Invited Faculty, Meeting of the Quebec Association of Oto-rhino-laryngologie et chirurgie cervico-faciale, Montreal (Centre Mont Royal), Oct 29, 2009

CME Attendance

American Academy of Otolaryngology-Head & Neck Surgery Meeting, San Diego, California, October 4-7, 2009
Congrès sur les pathologies des glandes salivaires. Montreal, (Hotel Sofitel), Octobre 29, 2009
Meeting of the Quebec Association of Oto-rhino-laryngologie et chirurgie cervico-faciale, Montreal (Centre Mont Royal), Octobre 29, 2009
American Academy of Otolaryngology-Head & Neck Surgery Meeting, Boston, Mass., September 26-29, 2010

Editorial Boards

The Journal of Otolaryngology, 1993 – present
Le Clinicien (La revue de formation médicale continue) 1997 – present
Member (ad-hoc), Editorial Board, Umm Al-Qura University Journal of Science, Medicine, and Engineering, 2003 – present
Member, Editorial consultant board, The Canadian Journal of Diagnosis. 2004 –present
The Laryngoscope, 2004- present
Member, Editorial Specialist Board, Canadian Journal of CME. 2005- present
Reviewer, Current Opinion in Otolaryngology and Head & Neck Surgery. 2005-present
Member, Editorial Board, Archives of Otolaryngology – Head and Neck Surgery 2006- present
Reviewer (ad hoc), Pediatric Nephrology, Springer publications. 2007- present
Member, Editorial Board, International Journal of Otolaryngology. 2008- present

Dr. Anthony Zeitouni

Current Administrative Positions and Committee Memberships

Hospital

Site Director, RVH OTL-HNS
Medical Director Head and Neck Team, MUHC

University

Co-Director Skull Base Clinic
Chair for otolaryngology, Skull Base Program
Associate Professor, McGill
Member, dept of OTL-HNS and Oncology

National/International Societies

North American skull base society
American Academy of OTL-HNS
Canadian Society of OTL-HNS
Historian
Quebec Rep
French Society of Otolaryngology SFORL

Teaching Activities

Undergraduate (Medical School)

I have been involved with a number of teaching responsibilities include small group, clinical teaching in the clinic and OR and direct supervision of medical students writing papers and presenting.

Residents

Clinical teaching in the clinic and OR and direct supervision of otolaryngology, neurosurgery and radiation oncology residents writing papers and presenting.

Fellows

I have supervised fellows in OTL-HNS (rhinology and HN) as well as in Endocrinology.

CME

I have organized and lectured at the FMSQ day on Pituitary tumors nov 2009.
I have organized and lectured at the FMSQ day on Vestibular pathology nov 2010.

Presentations

Invited Lectureships

FMSQ Nov 2009: Journee interdisciplinaire :Pituitary Tumors
FMSQ Nov 2010: Journee interdisciplinaire: Vestibular pathology
McGill Otolaryngology update 2010

Courses

FMSQ Nov 2009: Journee interdisciplinaire :Pituitary Tumors
FMSQ Nov 2010: Journee interdisciplinaire: Vestibular pathology
Temporal Bone lab

National/International Podium and Posters

North American Skull Base Society 2010
Canadian Society OTL_HNS annual meeting
American Academy OTL-HNS annual meeting

Courses Organized/Directorships

FMSQ Nov 2009: Journee interdisciplinaire: Pituitary Tumors
FMSQ Nov 2010: Journee interdisciplinaire: Vestibular pathology

Scientific Projects

Postgrad Student Supervision

Fellows in Otolaryngology Rhinology and HN
Fellow in neuro-endocrinology

2.6 Involvement in the Community

Dr. Kathleen Cullen

EDUCATION OUTREACH AND COMMUNITY SERVICE

- 2009 Session Chair: Institutional challenges in implementing TDR & TDT,
TransDisciplinary Research & Training Workshop, March 13, McGill University
- 2010 Workshop Organizer and small group facilitator
Leading and Managing in the Lab, Faculty of Medicine, McGill University
- 2010 Workshop Organizer and group facilitator,
Responsible conduct in research workshops for Graduate Students
Department of Physiology, Faculty of Medicine, McGill University

Dr. Sam Daniel

Board member Just for Kids Foundation
President and organizer BAHA fundraising golf tournament, June 2010.
Bowling night for hearing research, April 2010.
President and organizer BAHA fundraising golf tournament, June 2009.
Chairman, of the “I Hear You” fundraising campaign for the Bone Anchored Hearing Aid (BAHA) program and hearing research.

Dr. Saul Frenkiel

Chair, McGill Head & Neck Cancer Fundraising Committee

- In the year 2009, 1.5 million dollars were raised to establish the “Martin Black Endowment Fund” for fellowship training in head and neck oncology.
- An amount of \$325,000 was raised for the McGill Head & Neck Cancer Fund.

Dr. Robert Funnell

High schools & CEGEP's

- EMSB Career Exploration Program (liaison for visits to BME)
- met with 3 CEGEP students to give guidance on their course project

Not-for-profit organizations

- various contributions to open-source software projects (bug reports, documentation corrections)

Dr. Athanasios Katsarkas

Every Saturday two presentations on CFMB talking to the Greek community
Frequent expert or expert witness in medico-legal cases involving dizziness

Dr. John Manoukian

Member of the Armenian Diocese Endowment fund, Armenian Holy Apostolic church
Canadian Diocese

Mashdots Education Fund committee of the Association of Armenians from Egypt.

Position: Vice President

Project: sponsoring student education for university degree in Armenia, for eligible students with high scholar talent and with low economic family situation.

Steering committee, World reunion of Armenian schools of Egypt, Mediterranean cruise
September 2011

Position: Vice-President

Project: Organizing the re-union of 300 Armenian person from around the world, who had some part of their past education in Egypt.

Appendix I: HONOURS, AWARDS AND PRIZES

Dr. Martin Black

Honouree of the Martin Black Endowment Fund

Fundraising event took place on May 12, 2010 at the Centre Mont-Royal 1.5 million raised

Dr. Kathleen Cullen

2009-2011 Elected Chair of the Gordon Conference on Oculomotor Systems Biology

2009 Keynote Lecture, Annual Dutch Biophysics Society Meeting, University of Nijmegen, Netherlands

2010 Halpike-Nylen Medal, Barany Society

Dr. Sam Daniel

2010 Continuing Professional Development educator, Royal College of Physicians and Surgeons of Canada

McGill Bravo Award for research excellence, McGill University

2009 Canada's Top 40 under 40 Award, May 2009
This national program honours Canadians under the age of 40. "In choosing the recipients, the Board considers the nominees' achievements in the following areas: Vision and Leadership, Innovation and Achievement, Impact, Community Involvement and Contribution, Growth / Development Strategy".

IMS Canada Award recognizing physicians and pharmacists for their contribution to the continuing education of their peers, April 2009 (10th annual IMS Canada Awards),

Dr. Saul Frenkiel

David L. Johnston Award, McGill University, May 2009

"Pionnier en ORL," awarded by the Association d'oto-rhino-laryngologie et de chirurgie cervico-faciale du Québec, in celebration of its 50th anniversary, Oct. 31, 2010

Dr. Athanasios Katsarkas

Guest of honor, Dept. of Otolaryngology, McGill

Guest of honor, Greek Community of Montreal; I declined both; I am a humble fellow!

Dr. Karen Kost

2009 - Teacher of the year award – Otolaryngology, McGill University

Dr. John Manoukian

Outstanding Reviewer Award for the Journal of Otolaryngology – Head and Neck Surgery May 2010

Dr. Lily Nguyen

May 2010 Surgical Teaching Award
Montreal Children's Hospital, McGill University
In recognition of the outstanding contribution to surgical teaching

Oct 2009 First Place for Poster
Soins avancés pour le contrôle des voies aériennes: l'enseignement pendant la résidence d'ORL
Côté V*, Kus L*, Richardson K*, Nguyen LHP
Congrès annuel de l'Association ORL du Québec, Montreal, Canada

Dr. Melvin Schloss

Lifetime Achievement Award from the Montreal Children's Hospital

Emeritus Member of the Canadian Society of Otolaryngology – Head & Neck Surgery and the American Society of Pediatric Otolaryngology

Dr. Marc Tewfik

South Australian Rhinology Fellowship

Dr. Ted Tewfik

Canadian Association for Pediatric Health Centers (CAPHC) Poster Finalist: Assessing Psychological Distress in Children Following PICU Hospitalization, October 2009

Plaque of Recognition, Canadian Society of Otolaryngology – Head and Neck Surgery, (Chair of the Bylaws Committee), Niagara-on-the-Lake, May 2010

Outstanding Reviewer Award.. The Journal of Otolaryngology – Head and Neck Surgery. Niagara-on-the-Lake, May 2010.

Dr. Anthony Zeitouni

FMSQ Nov 2009: Journee interdisciplinaire: Pituitary Tumors

FMSQ Nov 2010: Journee interdisciplinaire: Vestibular pathology

Appendix II:

PUBLICATIONS (CALENDAR YEAR 2009)

Al Badaai Y, DiFalco MR, Tewfik MA, Samaha M. *Quantitative proteomics of nasal mucus in chronic sinusitis with nasal polyposis*. Journal of Otolaryngology – Head & Neck Surgery. 2009 Jun;38(3):381-9.

Al Badaai Y, Samaha M. Outcome of endoscopic sinus surgery for chronic rhinosinusitis patients: a Canadian experience. *Journal of Laryngology & Otology*. 2010;124:1095–1099.

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Aron M, Côté V, Tamilia M, Hier MP, Black MJ, Zhang X, Payne RJ. Ablative Free Thyroxine to Thyroglobulin Ratio as a Predictor of Differentiated Thyroid Cancer Recurrence. J. of Otolaryngology – Head and Neck Surgery, 38(5):552-558, 2009 October.

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Cullen KE, Minor LB, and Sadeghi, SG. Compensation of central vestibular pathways: Changes in the encoding of vestibular and extr vestibular inputs. Association for Research in Otolaryngology (ARO) meeting, Feb 2009.

Cullen KE, Waitzman DM, Van Horn, MR. A comparison of omnipause and rostral superior collicular neurons during vergence eye movements. Society for Neuroscience Abstracts 2009.

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Appendix III: **PROGRAM AND HOSPITAL REPORTS**

McGill Head and Neck Oncology Program (Dr. Martin Black – Director)

Appointment

Director of Head and Neck Oncology, McGill University
Senior Otolaryngologist, Sir Moritimer B Davis Jewish General Hospital

The Head and Neck Team

MUHC

The Head and Neck team has continued to expand in terms of its composition, scope of its practice, number of clinical cases and research productivity. Over the last year two new surgeons have expanded their practice covering all areas of resection and reconstruction. They are Dr. Alex Mlynarek and Dr. Michel El Hakim. Additionally, Dr. Mark Tewfik has joined the Otolaryngology - Head and Neck Department after a fellowship in endoscopic surgery and has become integrated into the Skull Base program while Dr. Jonathan Young has also joined greatly augmenting our strength in endoscopic laryngeal surgery and dysphagia.

The scope of the Team's practice has expanded with greater use of endoscopy, targeted therapy using advanced XRT delivery systems and new chemotherapy agents. The dysphagia lab, the voice lab have been further strengthened and remain strong interdisciplinary venues.

Clinical volume continues to expand. The Team estimates a doubling of clinical volume in the last two years. This is in part due to new surgeons and greater awareness of the Team's resources in the medical community.

Research remains a strong commitment of the Team. We contribute heavily to the RTOG, NCI and to intra-mural studies. We cooperate with a number of labs at McGill.

JGH

Marie-Claude Rousseau, PhD
Belinda Nicolau, PhD

The MuCOSAL study

We received funding in March 2009 for the project entitled: "Natural history of oropharyngeal cancer precursors: a pilot study". Ethics approval was obtained from INRS (December 2009),

McGill University and Jewish General Hospital (March 2010) and CHUMNotre Dame (May 2010).

Meanwhile, the manual of procedures was developed, the questionnaires were revised, and most of the material was ordered. We met twice with the clinical team at the Jewish General Hospital in order to plan recruitment and biological samples collection. We are now about to hire a research assistant for contacting and recruiting patients, as well as assisting the clinicians during samples collection. Two professional interviewers who are already working with Belinda on the HeNCe Life Study will conduct the interviews. The database infrastructure is at an advanced stage of development under Nicolas' supervision at Albert Einstein College of Medicine.

We have been struggling to obtain brushes and cytology kits from OralCDx Laboratories - the company which will provide brush biopsy materials and perform cytological analyses. After almost six months of negotiations, we signed an agreement that allows us to use their patented brushes to collect epithelial cells for HPV and genetic analyses. We are now having further problems ordering and having the materials sent from the USA, although we truly hope that this will be solved soon.

Recruitment will start as soon as OralCDx sends the materials for biological samples collection, hopefully in March 2011. We are behind schedule, but we are now confident that we have almost all the pieces in place to be able to begin the most interesting part for all of us!

Efihia Cocolakis, PhD

RIBAVIRIN SOLID TUMOUR TRIAL is now open. Patients meeting the necessary criteria are now able to enroll in this study.

Melissa Henry, PhD

My current research program at the Segal Cancer Centre focuses on better understanding predictors of quality of life, supportive care needs, and distress in head and neck cancer patients, their families and oncology staff, with the goal of eventually developing and empirically testing psychosocial interventions adapted to this population. As such, I am leading the following ongoing projects, which inform and are informed by my clinical practice as a psychologist on the Otolaryngology - Head and Neck Surgery Department of the JGH: 1) What are the Supportive Care Needs of Patients and Family Caregivers Consulting a University-Affiliated Otolaryngology - Head and Neck Surgery Clinic? (project completed, article to be submitted shortly; project initiated at the JGH and MUHC RVH and MGH sites); 2) Prospective Study of Quality of Life Trajectories and At-Risk Lifestyle Changes in Head and Neck Cancer Patients (project initiated at the JGH and MUHC RVH and MGH sites; project submitted for internal funding at the JGH); 3) Looking Beyond Disfigurement: A Holistic Approach to Understanding the Lived Experience of Disfigurement in Head and Neck Cancer Patients (project soon to be submitted to the IRB); 4) Effects of Conducting a Balint Group on a Multidisciplinary Head and Neck Oncology Service: A Pilot Study (project initiated at the JGH and MUHC RVH site). I have and am currently supervising several medical and dental students on these projects.

Christina MacDonald, RN, B.Sc.N.

I am working with a Baccalaureate student nurse on a patient information booklet to be given to all new patients coming through the Head and Neck Oncology clinic. The hope is that it will provide a resource to new patients and their families. Information included in this booklet will be

key staff members with important phone numbers, possible tests that may be recommended, a glossary of terminology, location of test centres and other pertinent locations within the hospital.

In addition, I am developing a standardized teaching manual in collaboration with Gina Mills, Speech Language Pathologist, for laryngectomy patients and their families. I am also developing a communication tool to bridge the gap from hospitalization to community in the hopes of providing these patients with support adjusting in new self care skills. To facilitate this, I am developing a home self care guide to be given to all new laryngectomy patients being discharged from the hospital.

Anna Aguzzi, p.dt, M.Sc.

My main activity is direct patient care for in and out patients with Head and Neck Cancer. In addition I have been involved in the following projects:

1. Monitoring several indicators for PQLC.
 - gastrostomy and jejunostomy feeding tubes (numbers, reasons for insertion, immediate and delayed complications)
 - the return to oral nutrition after insertion of a gastrostomy or jejunostomy feeding tube
 - the incidence of stenosis post radiation therapy.
2. Developing nutritional/rheology guidelines for patients with dysphagia.
3. Participation in Head and Neck Awareness Day.
4. Participation in Balint Group and other research initiated by Dr. M. Henry.

Events

May 11, 2011 - 2nd Annual Head and Neck Cancer Awareness Day

There will be a booth within the hospital with pamphlets, pins etc. with the following specialists to answer questions and disseminate information:

- Speech language pathologists
- Dieticians
- Nurses from radiotherapy
- Patients
- Doctors

HOSPITAL REPORTS

Department of Otolaryngology **Royal Victoria Hospital**

The RVH Department had a tremendous year in spheres of its activity, be they clinical or academic.

New Staff: Dr. Mlynarek, Dr. Tewfik and Dr. Young joined and brought new strengths gained from their fellowship training to our patients. Each is a strong team-minded doctor with great talent. This year has also seen the retirement of Dr. Novick and the departure of Dr. Mindy Black.

The MUHC is undergoing transitions and our Department contributed to the CAPS workbooks. All the programs within OTL-HNS were accepted. Thanks to considerable work from members of the RVH Department and the strong support of our partners in the rehabilitation centers and research community the Otology and neurotology program was accepted by the CAPS leadership. Similarly the strong, supraregional MUHC Head and Neck team (RVH and MGH), Rhinology (RVH) and Skull Base Program (MNH and RVH) were recognized by the CAPS.

The RVH had a visit from the Colleges des medecines du Quebec November 29 to December 16, 2010 which we passed.

Educational and research are a key focus of our team. The faculty was involved in training students, residents and fellows. Our doctors were involved in a number of educational activities such as CME and research activity. These are outlined in their respective CV's.

The RVH clinical volumes have continued to increase. We are working with the hospital administration to improve the support services in order to continue to offer the high quality service our patients need and expect.

1. Patient stats from June 1, 2009 to Dec 31, 2010 are the following

| | | |
|-----------------------|--------------|---------------|
| Clinic visits: | ENT | 6705 |
| | H&N | 2641 |
| | Dizziness | 3662 |
| | ENG | 991 |
| | Total | 13,999 |

2. Total number of patients requiring surgery is **1103** (June 1, 2009 to December 31, 2010). Attached you will see individual staff totals, 4 days RVH, 1 day MGH.
3. There were also an average of 1.5 skull base surgeries at the MNH.

Number of surgical cases

| | |
|---|-----|
| Dr. Zeitouni | 187 |
| Dr. Kost | 206 |
| Dr. Samaha | 171 |
| Dr. Payne | 179 |
| Dr. Mlynarek (started Sept 2009) | 81 |
| Dr. Chagnon | 68 |
| Dr. Sweet | 93 |
| Dr. Desrosiers (took 6 months sabbatical starting Sept 2010) | 48 |
| Dr. Young (started Oct 2010) | 13 |
| Dr. Tewfik (started Aug 2010) | 27 |
| Dr. Black (departed June 2009) | 6 |
| Dr. Daniel | 21 |
| Dr. Fanous | 3 |

Department of Otolaryngology **Montreal General Hospital (Dr. Karen Kost – Director)**

Staff

The MGH is pleased to welcome 1. Dr Mark Tewfik following a 2 yr fellowship in Australia, with expertise in sinonasal disorders and skull base surgery. 2. Dr Vi Vu, a recent graduate who runs a general otolaryngology clinic 3. Dr Jonathan Young, with a 1 yr fellowship in dysphagia and voice.

In the past year, Dr Nadine Yammine has been based at the MGH in her capacity as laryngology fellow. Dr. Yammine has completed 2 large projects which have been submitted for publication, supervised a resident project, and will be presenting at the upcoming American Society of Geriatric Otolaryngology meeting, the COSM meeting, and the Canadian Society of Otolaryngology-Head and Neck Surgery meeting. In addition, Dr Yammine played a major role in a 'pre-academy' full-day airway course in Sept 2010 in San Diego, and has also been instrumental in organizing a the first Canadian Laryngology Course of its kind dedicated to residents across the country.

Clinics

The MGH continues to have daily clinics subserving all the subspecialties of Otolaryngology. These include dedicated clinics in otology/vestibular, rhinology, head and neck, laryngology and dysphagia, as well as a general otolaryngology clinic.

- **Dizziness Clinic:** The dizziness Clinic sees patients with vestibular dysfunctions (dizziness/inner ear imbalance), with a majority of referrals from Family Physicians, Specialists (mainly neurologists) as well as the SAAQ and CSST for expert opinions.
- **Rhinology Clinic:** Specializes in sinus disorders and intranasal sinus surgeries. Several minor outpatient sinonasal procedures are performed, including biopsies, sinus lavage, and treatment of synechiae.
- **Laryngology Clinic:** The laryngology clinic is unique and highly subspecialized, and services patients with a wide spectrum of vocal disorders. This clinic is equipped with a database for patient entry and high-definition digital recording of all examinations. The patient subset includes professional voice users, singers, and actors as well as individual members of the population with voice disorders. The referral base is very large, and includes family physicians, specialists, and otolaryngologists from greater Montreal. In addition, a large number of referrals come from outside Montreal, and indeed, outside the province, including Ontario and New Brunswick.
- **Dysphagia Clinic:** The dysphagia clinic is multidisciplinary in nature, benefitting from the expertise of an Otolaryngologist, Speech-Language Pathologist, Dietician and Occupational Therapist. There is a significant (4-

6mos) and growing waiting list for this clinic. The clinic is now run by Dr J Young. This is the only clinic of its kind in Quebec, with family physician and specialist referrals from all regions of the province.

- **Neurolaryngology and Dystonia Clinic:** This clinic is run through the QEHC once monthly and specializes in the treatment of patients with laryngeal dystonias and neurolaryngological disorders. It is multidisciplinary, and involves both a laryngologist and neurologist in performing EMGs and administering Botox treatments. It is the only clinic of its kind in Montreal. The broad referral base includes family physicians, neurologists, and otolaryngologists. Referrals come from Montreal, the province of Quebec, Ontario and Gaspé.
- **Head and neck Clinic:** This clinic is multidisciplinary, with a radiation oncologist, speech-language pathologist, medical oncologist (available as needed) and infirmiere pivot.
- **Otology Clinic:** The otology clinic sees patients with a wide variety of challenging external, middle and inner ear disorders. All patients are referred from family physicians and specialists.
- **Thyroid Clinic:** The thyroid clinic at the MGH is multidisciplinary in nature, consisting of an Otolaryngologist and Endocrinologist. It is equipped to perform ultrasound-guided biopsies, and treats patients with a wide range of benign and malignant diseases of the thyroid gland. Referrals come from family physicians and specialists.

Equipment

The MGH clinic is fully equipped with a ‘chip-tip’ videolaryngoscope and wall-mounted microscope in each of the 5 examining rooms. There is also a battery-powered laryngoscope available to staff and residents for in-patient/emergency consultations. The out-patient operating room is equipped with a high-quality microscope with a video monitor, and is outfitted with 2 operating room quality lights to allow for more complex procedures. All the rooms have recently been repainted.

The MGH has acquired 5 complete ‘chip-tip’ flexible endoscope units, with 19” wall-mounted screens and digital recording capabilities. One of these scopes has a working port for biopsies. In addition there is a transnasal esophagoscope with a working port. These units allow for increased outpatient endoscopic procedures such as vocal fold injections and TNEs. They also allow for improved teaching and a net decrease in the number of unnecessary ‘repeat’ examinations. The MGH is the only clinic in Quebec with this equipment.

The Voice and Dysphagia laboratories very recently acquired a state-of-the-art high-definition videostroboscopy system with an integrated database. Every examination is recorded and easily available for review. Highly specialized outpatient procedures such as vocal fold augmentations and cidofivir injections are performed under endoscopic guidance. These laboratories are ideal for teaching because of the high quality imagery, and provide residents their only exposure to voice and swallowing disorders. The integrated database facilitates research projects in laryngology and dysphagia. The Voice and Dysphagia Lab has also been the site of some basic science voice research conducted in collaboration with Dr Luc Mongeau.

Renovations

Currently renovations are underway to build an on-site state-of-the-art automated scope disinfection system for the clinic scopes. A dedicated individual has been hired and trained for this purpose. This will avoid lengthy transport to CSR with all the inherent potential for breakage. The disinfection facility is expected to be operational by the end of April 2011.

Operating Room

Operating time is currently being redistributed between the RVH and MGH. Currently, the MGH is allotted one Head and Neck day weekly. Unfortunately, because of this limited OR time, access to flex time has been denied. Flex time has been available through the RVH. The MGH would like to thank Drs Frenkiel and Manoukian for their support in its academic and clinical endeavours over the past year.

Positions and Awards

2009 - Teacher of the year award – Otolaryngology, McGill University

May 11th, 2009 – Recognition of Service and Commitment Award, Canadian Society of Otolaryngology, Head and Neck Surgery

Chairperson Canadian Society of Otolaryngology-Head and Neck Surgery Subspecialty Laryngology Committee 2005-present

President of the Canadian Society of Otolaryngology-Head and Neck Surgery Fund June 2006 – present

Second Vice-President Elect, Canadian Society of Otolaryngology-Head and Neck Surgery, 2009

Program Chair, American Society of Geriatric Otolaryngology, 2006-present

Executive Member, American Society of Geriatric Otolaryngology, 2006-present

Vice-President of the American Society of Geriatric Otolaryngology, 2010-present

Course Co-Director, Annual McGill Update in Otolaryngology, Mont Tremblant, Quebec, 2006-present

Member of the Editorial Board, Laryngoscope, 2005 – present

Member of the Editorial Board, The Journal of Voice, 2010-present

Member of the Editorial Board, The Ear Nose and Throat Journal, 2010-present

Division of Otolaryngology-Head and Neck Surgery
Montreal Children's Hospital (Dr. Sam Daniel – Director)

The MCH site continues to be one of the busiest sites with close to 15000 outpatient visits. Highlights of the year include.

- Division name change to Otolaryngology-Head & Neck Surgery, better reflecting the scope of practice.
- Our division is expanding! Despite hospital deficit and economic downtime, our division is proceeding with major renovations. Two additional examination rooms will be created. The division also has a new conference room and a residents/fellow room.
- Major equipment purchase thanks to many fundraisers including a generous donation from the Just for Kids Foundation.
- The BAHA program is still alive in its 6th year thanks to donations, the annual 'I hear you' campaign, and the Shaare Zion annual golf tournament. This program was featured on the French CBC network.
- The multi-disciplinary airway and otology clinics continue to be successful and attract many referrals. Innovative clinics include the reflux clinic, and the dysphagia clinic.
- A new recruit, Dr Yolene Lacroix, will be in charge of the velopharyngeal program. A multi-disciplinary new clinic in combination with speech therapy is organized on a monthly basis. Dr Lacroix brings expertise in pediatric facial and reconstructive surgery.
- Special Honours:
Dr MD Schloss will be receiving the MCH Life-time Achievement Award

Department of Otolaryngology – Head and Neck Surgery
Jewish General Hospital (Dr. Michael Hier – Director)

NEW MEMBERS OF OUR TEAM

Dr. Mark Tewfik has joined our department on a part-time basis after completing his fellowship in Australia in advanced nasal/sinus endoscopic and skull base surgery. His skill and talent is a tremendous asset. Dr. Jonathan Young has joined our department on a part-time basis after completing his fellowship in Boston in Laryngology. He fills a much needed void in this area and will provide voice and dysphagia expertise to our patient population. We warmly welcome them both.

EVENTS

The Annual McGill University Head and Neck Cancer Research fundraiser took place on May 12, 2010 at the Centre Mont-Royal. In excess of 1 million dollars was raised and/or pledged and will be used to endow the Martin J. Black Fellowship Endowment Fund.

The Department of Otolaryngology hosted the 12th Annual Raymer Lecturer held on April 15, 2010. The guest speaker was Dr. Richard Béliveau, PhD, Professor, Department of Chemistry, UQAM. Author of nutritional cancer therapies, “Foods That Fight Cancer” and “Living Well, Eating Well”. We are looking forward to the 13th Annual Raymer Lecture which will take place spring 2011.

On May 11, 2011 we will be holding the 2nd Annual Head and Neck Cancer Awareness Day. There will be a booth within the hospital with pamphlets, pins etc. with the following specialists to answer questions and disseminate information:

- Speech language pathologists
- Dieticians
- Nurses from radiotherapy
- Patients
- Doctors

EQUIPMENT ACQUISITION

We now have an implantable doppler that we use for free flap monitoring after major Head and Neck reconstructions.

We are in the process of acquiring a video-stroboscope tower for our voice lab and for laryngectomy cancer surveillance.

NEW DEVELOPMENTS

Sabrina Wurzba, PhD

Moulay-Alaoui Jamali, PhD

Head and neck carcinomas are characterized by local tumor aggressiveness, high rate of early recurrences, development of metastasis, and second primary cancers. In many cases, the treatment, management of complications, and recurrences are often complex and unfortunately followed by poor outcomes, especially because the majority of patients will present with advanced disease incurring significant high morbidity and mortality. Epithelial-mesenchymal transition (EMT) is a critical early event during tumor progression and malignant transformation by which polarized and adherent epithelial cells acquire mesenchymal-like phenotypic properties and show reduced intracellular adhesion, increased motility, and invasion mechanism. EMT events require the coordinated expression of several sets of genes and activation of signaling pathways that mediate the transcriptional regulation of these genes. Moreover, evidence support a direct link between EMT program and the gain of epithelial cancer stem cell (CSC) properties showing that EMT is sufficient to enrich a cell subpopulation with stem cell characteristics from well-differentiated epithelial cells. The aim of our studies is investigate the impact of EMT-associated genes and characterize the EMT signaling cascade in relation to oral cancer progression model, cell survival, cell migration, invasion process, and metastasis formation in animal models. This study can contribute to understanding the invasive and metastatic properties of oral cancer cells presenting a great opportunity to block tumor progression and prevent metastasis.

Marie-Claude Rousseau, PhD

Belinda Nicolau, PhD

The MuCOSAL study

We received funding in March 2009 for the project entitled: “Natural history of oropharyngeal cancer precursors: a pilot study”. Ethics approval was obtained from INRS (December 2009), McGill University and Jewish General Hospital (March 2010) and CHUMNotre Dame (May 2010).

Meanwhile, the manual of procedures was developed, the questionnaires were revised, and most of the material was ordered. We met twice with the clinical team at the Jewish General Hospital in order to plan recruitment and biological samples collection. We are now about to hire a research assistant for contacting and recruiting patients, as well as assisting the clinicians during samples collection. Two professional interviewers who are already working with Belinda on the HeNCe Life Study will conduct the interviews. The database infrastructure is at an advanced stage of development under Nicolas’ supervision at Albert Einstein College of Medicine.

We have been struggling to obtain brushes and cytology kits from OralCDx Laboratories – the company which will provide brush biopsy materials and perform cytological analyses. After almost six months of negotiations, we signed an agreement that allows us to use their patented brushes to collect epithelial cells for HPV and genetic analyses. We are now having further problems ordering and having the materials sent from the USA, although we truly hope that this will be solved soon.

Recruitment will start as soon as OralCDx sends the materials for biological samples collection, hopefully in March 2011. We are behind schedule, but we are now confident that we have almost all the pieces in place to be able to begin the most interesting part for all of us!

Efihia Cocolakis, PhD

RIBAVIRIN SOLID TUMOUR TRIAL is now open. Patients meeting the necessary criteria are now able to enroll in this study.

Melissa Henry, PhD

My current research program at the Segal Cancer Centre focuses on better understanding predictors of quality of life, supportive care needs, and distress in head and neck cancer patients, their families and oncology staff, with the goal of eventually developing and empirically testing psychosocial interventions adapted to this population. As such, I am leading the following ongoing projects, which inform and are informed by my clinical practice as a psychologist on the Otolaryngology - Head and Neck Surgery Department of the JGH: 1) What are the Supportive Care Needs of Patients and Family Caregivers Consulting a University-Affiliated Otolaryngology - Head and Neck Surgery Clinic? (project completed, article to be submitted shortly; project initiated at the JGH and MUHC RVH and MGH sites); 2) Prospective Study of Quality of Life Trajectories and At-Risk Lifestyle Changes in Head and Neck Cancer Patients (project initiated at the JGH and MUHC RVH and MGH sites; project submitted for internal funding at the JGH); 3) Looking Beyond Disfigurement: A Holistic Approach to Understanding the Lived Experience of Disfigurement in Head and Neck Cancer Patients (project soon to be submitted to the IRB); 4) Effects of Conducting a Balint Group on a Multidisciplinary Head and Neck Oncology Service: A Pilot Study (project initiated at the JGH and MUHC RVH site). I have and am currently supervising several medical and dental students on these projects.

Christina MacDonald, RN, B.Sc.N.

I am working with a Baccalaureate student nurse on a patient information booklet to be given to all new patients coming through the Head and Neck Oncology clinic. The hope is that it will provide a resource to new patients and their families. Information included in this booklet will be key staff members with important phone numbers, possible tests that may be recommended, a glossary of terminology, location of test centres and other pertinent locations within the hospital.

In addition, I am developing a standardized teaching manual in collaboration with Gina Mills, Speech Language Pathologist, for laryngectomy patients and their families. I am also developing a communication tool to bridge the gap from hospitalization to community in the hopes of providing these patients with support adjusting in new self care skills. To facilitate this, I am developing a home self care guide to be given to all new laryngectomy patients being discharged from the hospital.

Anna Aguzzi, p.dt, M.Sc.

My main activity is direct patient care for in and out patients with Head and Neck Cancer. In addition I have been involved in the following projects:

1. Monitoring several indicators for PQLC.
 - gastrostomy and jejunostomy feeding tubes (numbers, reasons for insertion, immediate and delayed complications)

- the return to oral nutrition after insertion of a gastrostomy or jejunostomy feeding tube
 - the incidence of stenosis post radiation therapy.
- 2. Developing nutritional/rheology guidelines for patients with dysphagia.
- 3. Participation in Head and Neck Awareness Day.
- 4. Participation in Balint Group and other research initiated by Dr. M. Henry.

Appendix IV: **DEPARTMENTAL RETREAT AGENDA**



Department of Otolaryngology – Head and Neck Surgery
Departmental Retreat
“Strategic planning and priorities: The next five years”

Faculty of Medicine, Dean’s Building, Holmes Hall
3605 rue de la Montagne (corner av. du Docteur-Penfield)

Agenda

Tuesday, December 8, 2009

- | | |
|----------------|--|
| 5:30 – 6:30 pm | Buffet dinner |
| 5:30 pm | Dinner presentation – “Investing Wisely” Presented by Scotiabank |
| 6:15 – 6:30 pm | Introduction Dr. Saul Frenkiel |
| 6:30 pm | Committee reports – Centres of Excellence Moderator – Dr. John Manoukian |
| 6:30 – 6:50 pm | Voice and Swallowing – Dr. Karen Kost |
| 6:50 – 7:00 pm | Discussion |
| 7:00 – 7:20 pm | Dizziness Unit – Dr. Athanasios Katsarkas |
| 7:20 – 7:30 pm | Discussion |
| 7:30 – 7:50 pm | Skull Base Unit – Dr. Anthony Zeitouni |
| 7:50 – 8:00 pm | Discussion |
| 8:00 – 8:20 pm | Head and Neck Oncology – Dr. Martin Black |
| 8:20 – 8:30 pm | Discussion |
| 8:30 – 8:50 pm | Thyroid Cancer Centre – Dr. Richard Payne |
| 8:50 – 9:00 pm | Discussion |
| 9:00 – 9:20 pm | Pediatrics – Dr. Sam Daniel |
| 9:20 – 9:30 pm | Discussion |
| 9:30 pm | Closing remarks Dr. Saul Frenkiel |



McGill

**Department of Otolaryngology – Head and Neck Surgery
Departmental Retreat**

“Strategic planning and priorities: The next five years”

Agenda

Wednesday, December 9, 2009

5:30 – 6:30 pm

Buffet dinner

“Department of Otolaryngology – An evolution of nomenclature”

Dr. Saul Frenkiel

Ceremonial champagne toast celebrating the new

“McGill Department of Otolaryngology – Head and Neck Surgery”

Dr. Martin Black

6:30 pm

Clinical and academic priority planning

Moderator – **Dr. Melvin Schloss**

6:30 – 8:00 pm

Clinical direction

- Facial plastic/reconstructive surgery
Dr. Nabil Fanous
- Sinus centre
Dr. Mark Samaha & Dr. Martin Desrosiers
- Otology
Dr. Jamie Rappaport & Dr. Robert Sweet
- General and community otolaryngology
 - Lachine General Hospital
Dr. Samir Abboud
 - Lakeshore General Hospital
Dr. Richard Lafleur
 - Saint-Mary’s Hospital
Dr. Georges Sejean

8:00 – 8:30 pm

Undergraduate and postgraduate education –
“Future direction”

Dr. Lily Nguyen & Dr. John Manoukian

8:30 – 9:00 pm

The research program and role of basic scientists
– “Where do we go from here?”

Dr. Bernard Segal

9:00 – 9:30 pm

Growth areas, new horizons, and future
recruitment

Dr. Saul Frenkiel & Staff

9:30 pm

Retreat closure

Dr. Saul Frenkiel