UNIVERSITY OF TORONTO FACULTY OF MEDICINE

Department of Otolaryngology–Head & Neck Surgery

Professor and Chair Dr. I.J. Witterick
Director of Postgraduate Education Dr. P. Campisi
Director of Undergraduate Medical Education Dr. A. Chiodo
Assistant Director, Pre-Clerkship Dr. A. Vescan
Assistant Director, Post Clerkship Dr. J. Lee
Director of Continuing Education and Professional Development Dr. Y. Chan
Director of Research Dr. R.V. Harrison
Liaison Community Academic Faculty Dr. Y. Chan
Grand Rounds Coordinator Dr. Vito Forte
Journal Club Coordinator Dr. Adrian James
National In-Training Coordinator Dr. Molly Zirkle

Otolaryngologists-in-Chief:

University Health Network Dr. R. Gilbert
Mt. Sinai Hospital Dr. I.J. Witterick
The Hospital for Sick Children Dr. V. Forte/B. Papsin (as of April 1, 2013)
St. Michael's Hospital Dr. J. Anderson
Sunnybrook Health Sciences Centre Dr. J.M. Chen
Toronto East General Hospital Dr. O. Smith
St. Joseph's Health Centre Dr. R. Fox
North York General Hospital Dr. E. Gooden
Mississauga Academy of Medicine Dr. J. Mendelsohn

Division Chiefs:

Head and Neck Oncology Dr. R. Gilbert
Facial Plastic and Reconstructive Surgery Dr. P. Adamson

Committee Chair holders:

Executive Dr. I.J. Witterick
Undergraduate Dr. A. Chiodo
Postgraduate Dr. P. Campisi
Continuing Education and Professional Development Dr. Y. Chan
Research Dr. R.V. Harrison
Audiology Ms. V. Papaioannou
Departmental Appointments Committee (DAC) Dr. J.C. Irish
Departmental Promotions Committee (DPC) Dr. R.V. Harrison
Budget Advisory Dr. I.J. Witterick
Community Academic Dr. Y. Chan
Advancement Dr. P.J. Gullane
Edited By:
Dr. I. J. Witterick

Acknowledgements To:
Ms. S. Costantino
Ms. A. Martin

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Chair’s Report
Dr. Ian Witterick

I am very pleased to bring you this Annual Report for the 2012-13 academic year during my first year as Chair of the Department. I am so thankful to our dedicated faculty, residents and fellows who have helped and supported me over the last year. There is a real sense of collegiality and cooperation throughout the Department. I especially want to thank our former chair, Dr. Patrick Gullane who has been most helpful and supportive over many years but particularly during my first year in this position.

There are many details outlined in this report that have happened over the last year. The following is a summary of some of the highlights.

Gullane Tribute

In July 2012, we held a tribute dinner for Dr. Gullane for his 10 years of service to the Department as Chair. This was attended by over 180 colleagues and friends of Dr. Gullane including many international colleagues. There were moving speeches and accolades for Dr. Gullane related to his impact on our specialty, especially the surgeons he has trained. It was obvious to all that he has had a huge influence on head and neck oncology around the globe. Photos of the event follow this report.

Changes in Hospital Leadership

There have been changes in leadership at several of our hospitals. I took over from Dr. Jeremy Freeman as Otolaryngologist-in-Chief at Mt. Sinai Hospital (MSH) in July 2012. Dr. Freeman did a wonderful job as Chief over the previous 10 years with numerous achievements. Friends, family and colleagues of Dr. Freeman gathered on April 29, 2013 to honour him for his years of service to MSH, and in particular his 10-year term as Otolaryngologist-in-Chief. There were numerous accolades given and a beautiful portrait was uncovered which now hangs prominently in the 4th floor Mezzanine at MSH.

Dr. Ralph Gilbert took over from Dr. Gullane as Otolaryngologist-in-Chief at the University Health Network in November 2012. Dr. Gilbert has an international reputation in the management of complex head and neck cancer patients and in particular the microvascular reconstruction of these patients. Dr. Gullane was Chief for 23 years and brought the UHN department from strength to strength; he helped to put UHN on the map as one of the premier head and neck oncology cancer treatment sites in the world.

Dr. Blake Papsin took over from Dr. Vito Forte as Otolaryngologist-in-Chief at the Hospital for Sick Children (HSC) in April 2013. Dr. Forte did a wonderful job as Chief at HSC over the last ten years. He introduced numerous innovations in education and research. Dr. Forte continues to be an exceptional pediatric otolaryngologist with superb clinical skills and wonderful innovative ideas. Dr. Papsin is an international authority in pediatric cochlear implantation who has great ideas and plans to bring HSC “to the next level” in clinical care, education and research. I look forward to working with both Drs. Gilbert and Papsin in their new roles.

Undergraduate Medical Education

On the education front we have had another outstanding year. I want to thank the education leads, Dr. Al Chiodo (Undergraduate Medical Education - UME), Dr. Paolo Campisi (Postgraduate Medical Education - PGME) and Dr. Yvonne Chan (Continuing Education and Professional Development - CEPD).

Dr. Chiodo has taken on the UME portfolio with a passion. He has been assisted in this role by Dr. Allan Vescan (Pre-Clerkship Director) and Dr. John Lee (Post-Clerkship Director). Dr. Chiodo’s report outlines some of the innovations in UME but one of the highlights is his setting up a mechanism to have almost half of the 3rd year clerks rotate in community sites with our community academic partners. This is particularly important because many clerks do not learn general otolaryngology in our core academic sites because of sub-specialization. Dr. Chiodo has been wonderful in engaging our community academic faculty to help with this important process including setting up two faculty development sessions for them related to UME teaching. We are really looking forward to this new process in the 2013-14 academic year. I am indebted to our community academic leaders and partners for helping with this process.

Another innovation in UME this year was the adoption of OtoSim™ in the first and second year medical school classes as detailed in Dr. Chiodo’s report. The link to a video produced is available at: http://www.youtube.com/watch?v=8WHbeBytOTc
Postgraduate Medical Education

Dr. Campisi has done a fantastic job as Program Director over the last year. He has everything very organized along with our Postgraduate Administrator, Ms. Sandra Kellogg. The entire postgraduate program at The University of Toronto underwent the regular six year Royal College accreditation in April 2013. Our Department underwent this external assessment and review. We were cited as having no weaknesses similar to our last review in 2007 as well as our own internal review as part of the University of Toronto postgraduate internal review system. My sincere thanks to Dr. Campisi, our faculty and residents for their energy, support and help in making this one of the best residency programs in the world.

I am also happy to report that all of our PGY5 residents were successful in passing their Royal College certification examination in May 2013. Congratulations to Drs. Jennifer Guillemaud, Luke Harris, Brad Hubbard, Thileep Kandasamy, and Eric Monteiro. There were also numerous activities for the residents to participate inside and outside of the hospital including a very successful and fun bowling night on March 20, 2013.

Continuing Education and Professional Development

Dr. Yvonne Chan has brought significant energy and new ideas to the CEPD portfolio. We again had numerous visiting professors and organized courses during the academic year. Dr. Chan has been instrumental in enhancing our alumni relations. She is planning new courses not only for our specialty but Family Practice and others. In addition to being the Director of CEPD, she also is the liaison with our Community Academic Faculty and has been so helpful in setting up the undergraduate and postgraduate education programs at the Mississauga Academy of Medicine (MAM).

The highly anticipated 2nd World Congress on Thyroid Cancer is being organized by members of our Department, particularly Dr. Jeremy Freeman, on July 10-14, 2013. In addition, over the next several years our Department will be host to two international cochlear implant meetings.

Dr. Chan has organized Grand Rounds to be available on-line through the Ontario Telehealth Network each Friday morning. In addition, Grand Rounds are archived so they can be viewed at a later time.

I am very thankful to Drs. Chiodo, Campisi and Chan for the substantial time and effort they put into making our educational programs of such high caliber.

Research

Dr. Robert (Bob) Harrison, Director of Research, had another very successful year shepherding our clinical and basic science research programs as detailed in his report. There was a well-attended and successful research evening on November 8, 2012. Year after year we have many new projects described which cover the breadth of our specialty from auditory and vestibular science to head and neck oncology. This meeting is a great source of pride for our Department and a great venue for everyone to learn about all of the wonderful research taking place by our residents, fellows and faculty.

A new and improved Research Committee is being planned for the 2013-14 academic year to help capture all of this activity and create new collaborations and ideas. The Department funded five junior faculty members to take a CIHR grant writing course and several residents to take courses on writing research papers this year.

We had a very successful Percy Ireland Annual Academic Day and Dinner on May 9-10, 2013. The quality of the resident, fellow and graduate research papers was excellent. The Guest of Honour, Dr. Wilf Goodman, gave a thought provoking commentary on transformation and future changes in Canada’s healthcare system.

I would like to highlight that this is the second year in a row that residents in our Department (Dr. Vinay Fernandes and Dr. Xiao Zhao) won the first and second prizes in the basic science (non-clinical) category in the Poliquin Resident Research Competition at the annual meeting of the Canadian Society of Otolaryngology-Head and Neck Surgery held in Banff, AB in June 2013. Congratulations to both Drs. Fernandes and Zhao.

Details of publications and presentations are detailed elsewhere in this report. There were more than 220 publications in 102 journals and over 200 invited presentations/lectures/panels in 20 countries outside of Canada.

External Review

Dr. Joseph Chen, Otolaryngologist-in-Chief at Sunnybrook Health Sciences Centre underwent a very successful 5-year external review late in 2012. Dr. Manohar Bance, Chair of Otolaryngology-HNS from Dalhousie University was the reviewer and had many accolades for Dr. Chen as well as the department at Sunnybrook. Congratulations to Dr. Chen who has been appointed for another 5-year term as Chief of Otolaryngology at Sunnybrook.
Retirement

In August 2013, Ms. Krista Riko retired. Krista directed our Audiology Committee for many years, more recently with Ms. Vicky Papaioannou. Vicky has taken over as Chair of this committee which has such an important role, particularly for the education of our residents. Krista was recognized by our Department in the naming of an Annual Krista Riko Lectureship. We are indebted to Krista for her many years of service and collegiality to the Department. We wish her years of happiness in retirement.

New Faculty

There are many new faculty in the Department. As of June 1, 2013, Dr. John de Almeida joins the Department as a full-time faculty member. Dr. de Almeida was a resident in our program and then went on to do two years of fellowship in head and neck oncology, microvascular reconstruction, robotic surgery and skull base surgery. We welcome John back to our Department at UHN with a cross-appointment to MSH.

Dr. Alain Dabdoub, PhD was recruited from California with an incredible pedigree of research funding and publications in inner hair cell research. Dr. Chen was instrumental in identifying and recruiting Dr. Dabdoub and his research team to work in the Sunnybrook Research Institute. Dr. Dabdoub will collaborate with many in our Department including Drs. Chen and Lin.

I would like to welcome our new clinical adjunct faculty, Drs. Nitin Chauhan, Basil Hassouneh, Ambrose Lee, Nadarajah Sanjeevan, and Raewyn Seaberg.

Promotions/Change in Status

Congratulations to Dr. Joseph Chen who was promoted to Full Professor effective July 1, 2013. I would also like to congratulate Dr. John Lee and Dr. Danny Enepekides who were successful in passing their probationary term reviews. They have been transferred to full-time academic status and Dr. Lee was promoted to Assistant Professor.

Awards and Honours

There were numerous awards and honours our residents, fellows and faculty received this year which are detailed elsewhere in the report. However, I would like to highlight two award winners. The first is Dr. Arnold Noyek who was named as an Officer of the Order of Canada “for his dedication to helping those with hearing loss and for his contributions to peace through healthcare partnerships in the Middle East”.

I would also like to acknowledge Dr. Al Chiodo who won four awards this year. These include awards for continuing education, postgraduate medical education and research. I do not think I have seen anyone win so many high caliber awards in different areas in one year. Congratulations to Arnold, Al and everyone else that received an award or honour this year.

Our congratulations should also go to Dr. Pat Gullane who became President of the Canadian Society of Otolaryngology-Head and Neck Surgery at the annual meeting of the Society in June 2013. The next annual meeting where Dr. Gullane will preside will be held in Ottawa.

Pat Gullane’s inauguration as President of the CSO-HNS, June 4, 2013 with out-going President, Karen Kost.

Congratulations as well to Dr. Dale Brown who became President of the Eastern Section of the Triological Society this year.
Alumni Relations

As mentioned above, we have made a concerted effort to connect and engage our alumni. We have done this through newsletters and annual reports. We have initiated an “Alumni and Friends Dinner” which was held after Otolaryngology Update on February 2, 2103. The venue was the University of Toronto’s Hart House and we had a great dinner and very interesting entertainment. There were more than 100 in attendance and overall we thought the evening was a great success. The next event was our Percy Ireland Dinner on May 9, 2013 followed by a reception held at the CSO-HNS meeting in Banff on June 3, 2013. A further alumni reception is planned for the 2nd World Congress of Thyroid Cancer meeting in Toronto on July 13, 2013 as well as at the American Academy of Otolaryngology-Head and Neck Surgery annual meeting in Vancouver on September 30, 2013. We have over 800 alumni in the Department and we would like them to feel part of our collective.

Advancement

The Department has embarked on an ambitious advancement campaign to help fund our education and research programs. I am indebted to our new advancement officer, Ms. Farzana Rajiwani in helping to support our fundraising efforts. This year we raised $30,000 through a donation from Mr. Mark Daniels to fund two new microscopes for the Surgical Skills Centre at MSH.

One of our alumni, Dr. Raymond Ng made a generous gift of $100,000 to the University of Toronto which was matched by the Provost and Dean of Medicine to create two endowed University of Toronto graduate research awards in the Faculty of Medicine, Department of Otolaryngology-HNS.

Dr. Jeremy Freeman organized a very successful fundraiser on May 22, 2013. The inaugural Harry Barberian Memorial Dinner honoured Mr. Harry Barberian, an iconic restaurateur in Toronto. Mr. Barberian’s family was very grateful for the care Dr. Freeman provided to him. The Master of Ceremony was Mr. Ben Mulroney and the Guest Speaker was Mr. Darryl Sittler. More than $50,000 was raised which will go towards supporting resident and faculty research in our Department.

Strategic Plan

Our strategic planning has gone very well over the last year. The Strategic Planning Steering Committee held three meetings culminating in a faculty-wide retreat on June 15, 2013. Faculty voted on many resolutions and the Strategic Academic Plan: 2013-2018 is scheduled for implementation on October 1, 2013. I would like to thank all members of the Strategic Planning Steering Committee as well as the many faculty who participated in this most important process.

Great Support

I would like to thank Dr. Vito Forte for coordinating Grand Rounds and Dr. Adrian James for coordinating Journal Club. We are also so appreciative of the many corporate sponsors who support our education programs throughout the year. A special thanks to the three individuals who keep our Department running: Ms. Audrea Martin, Business Office, Mrs. Sonia Costantino, Executive Assistant and Ms. Sandra Kellogg, Postgraduate/Undergraduate Administrative Assistant. I would also like to thank Dean Catharine Whiteside for her ongoing support of our Department.

We have an absolutely outstanding faculty, our residents and fellows are of the highest caliber and the education and research taking place in our Department is of very high quality. It is a real testament to all of the individuals who put so much time and effort in to making this one of the best Departments of Otolaryngology-Head and Neck Surgery in the world! I hope you enjoy reading this report and please let me know if you have any questions.
Tribute Dinner for Dr. Patrick Gullane July 20, 2012

Tribute dinner for Dr. Patrick Gullane July 20, 2012

Mr. Paul Alofs (President and CEO PMCC Foundation), Professor Catharine Whiteside (Dean of Medicine, University of Toronto)

Alumni Drs. Steve Siomra, Frank Bravo, K-Y Chow

Mrs. Barbara Myers, Dr. Eugene Myers, Dr. David Briant

Drs. Phil Wade, Pat Gullane and Cam MacArthur

Dr. Chris Dhepnorrarat (Fellow), Dr. Matthew Magaery (Fellow), Dr. Allan Vescan, Mrs. Lauren Vescan, Dr. Eric Monteiro (PGY5)
Drs. Jon Irish, Hadi Seikaly, Brian O’Sullivan

Residents - Back row: Drs. Aman Grewal, Eric Monteiro, Vinay Fernandes, Xiao Zhao; Front Row: Ms. Rachel Glicksman, Drs. Michael Sklar, Gian-Marco Busato, Nik Wolter

Drs. Kevin Higgins, Joe Chen and Vito Forte

Fellows (past and present): Drs. Matthew Magarey, Ben Dixon, Eric Bissada, Pat Gullane, Raefe Gundelach, Marc Cohen, Carsten Palme
Friends, family and colleagues of Pat Gullane

Mission Statement

The mission of the Department of Otolaryngology-Head & Neck Surgery, Faculty of Medicine, University of Toronto is, within the framework of the Faculty’s own Mission Statement, to provide excellence and international leadership in all aspects of Otolaryngology – Head and Neck surgery, by teaching, undertaking research in this and related areas, and by exemplary clinical practice in the broad field covered by the discipline.

I. The teaching of fundamental skills and basic understanding of otolaryngology – head and neck surgery to undergraduates and the full rounded training of postgraduates are deemed of equal importance. The Department also teaches allied health care professionals and has responsibility in Continuing Medical Education.

II. The mission of the Department in research is to give priority (without weighting) to communicative disorders, clinical epidemiology, neuro-otology, oncology, psycho-acoustics, respiratory physiology and auditory and vestibular physiology. Research priorities are seen to stem from clinical questions although research itself may be quite basic.

III. The clinical mission of the Department is to provide exemplary clinical practice in the areas of medical care in which our staff engage, under the broad headings of general otolaryngology, communicative disorders, facial plastic and reconstructive surgery, head and neck oncology, neurotology, paediatric otolaryngology and rhinology. Exemplary is defined as excellent practice in numbers large enough to maintain and improve skills of the teachers and to facilitate the remainder of the Department’s mission.

The primary postgraduate mission is to train Otolaryngology – Head & Neck Surgeons for practice in Canada. In addition, the Department has a strong tradition of training Canadian and international fellows in subspecialty clinical otolaryngology and/or research (clinical or basic science). Fellowship training builds international relationships and brings recognition and prestige to the University of Toronto. Fellows enhance the training of our residents by the knowledge they bring from their residency training programs and by the contacts our residents make for their own potential fellowship training outside of Canada. When teaching capacity exists, the Department tries to accommodate international resident trainees funded from sources outside the Ontario Ministry of Health for practice in their own countries.

These goals will be achieved by:

- Endeavouring to provide the highest possible quality of otolaryngological care;
- Providing stimulating teaching to undergraduates, residents, fellows, practitioners and other health care workers;
- Striving to create and maintain an atmosphere that fosters an alert academic/scientific attitude and attempting to transmit this viewpoint to students at all levels;
- Establishing a working environment that will attract and hold people with outstanding professional and personal qualifications.
Department of Otolaryngology-Head & Neck Surgery
Organizational Structure

Dean
Faculty of Medicine

Chair
Otolaryngology-HNS

Divisions

Head & Neck Oncology
Facial Plastic & Reconstructive Surgery

Committees

Executive
Undergraduate Medical Education
Postgraduate Medical Education
Continuing Education & Professional Development
Research
Audiology
Departmental Appointments
Promotions
Budget Advisory
Community Academic
Advancement

Hospital Chiefs

University Health Network
Mt. Sinai
The Hospital for Sick Children
St. Michael’s
Sunnybrook Health Sciences Centre
Toronto East General
St. Joseph's Health Centre
North York General
Mississauga Academy of Medicine
Faculty Members

Newest appointments denoted with an asterisk (*)

Professor and Chair
I.J. Witterick, MD, MSc, FRCSC

Professores Emeriti:
P.W. Alberti, MB, PhD, FRCSC, FRCS
B.D. Birt, MB, FRCSC, FRCS
T.D.R. Briant, MD, FRCSC
W.S. Crysdale, MD, FRCSC
W.S. Goodman, MD, FRCSC, FRCS (I) (Hon)
W.M. Hawke, MD, FRCSC
J.S. McGrail, MB, MSc, FRCSC
J.M. Nedzelski, MD, FRCSC

Professors:
S.M. Abel, PhD
P.A. Adamson, MD, FRCSC, FACS
D.H. Brown, MB, FRCSC
J.M. Chen, MD, FRCSC
D.A.F. Ellis, MD, FRCSC
V. Forte, MD, FRCSC
J.L. Freeman, MD, FRCSC, FACS
J. Friedberg, MD, FRCSC
R.W. Gilbert, MD, FRCSC
P.J. Gullane, CM, MB, FRCSC, FACS, Hon-FRACS, Hon-FRCSI
J. Haight, BM, DPhil, FRCSC
R.V. Harrison, PhD, DSc
M.L. Hyde, PhD
J.C. Irish, MD, MSc, FRCSC, FACS
A.M. Noyek, OC, MD, FRCSC, FACS
B.C. Papsin, MD, MSc, FRCSC
R. Ratlhan, PhD, FNAMS
J.A. Rutka, MD, FRCSC

Associate Professors:
P. Campisi, MD, MSc, FRCSC, FAAP
J.S. Chapnik, MD, FRCSC
K. Conrad, MD, FRCSC, FRCS
M.J. Davidson, MD, MSc, FRCSC
R.S. Fenton, MB, FRCSC, FRCS
K. Gordon, PhD, CCC-A, Reg. CASLPO
A. James, MB, FRCSC, FRCS
A.J. Smitheringale, MB, MEd, FRCSC

Assistant Professors:
J. Anderson, MD, MSc, FRCSC
M. Cashman, MSc
Y. Chan, MD, MSc, FRCSC, HBSc
A. Chiodo, MD, FRCSC

K.Y. Chow, MB, FRCSC
S. Cushing, MD, MSc, FRCSC
A. Dabdoub, PhD
J. de Almeida, MD, MSc, FRCSC
F. Desouza, MD, FRCSC
W. El Masri, MB, FRCSC
D. Enepekides, MD, FRCSC
R. Fox, MD, FRCSC
L. Friesen, PhD, MSc
A.M. Gantous, MD, FRCSC
D. Goldfarb, MD, FRCSC
D. Goldstein, MD, MSc, FRCSC
J. Halik, MD, FRCSC
K. Higgins, MD, MSc, FRCSC
R.L. Josephson, MD, PhD, FRCSC
J. Lee, MD, MSc, FRCSC
V. Lin, MD, FRCSC
W.S. Middleton, MD, FRCSC
V. Papaioannou, MCISc
E.J. Propst, MD, MSc, FRCSC
M. Shah, MD, MPhil, FRCSC
D.B. Shipp, MA
O. Smith, MD, FRCSC
M. Zirkle, MD, Med, FRCSC

Lecturers:
J. Adamonis, MCISc
M. Armstrong, BSc Hon, MSc Aud(c), Reg CASLPO
J. Asaria, MD, BSc, FRCSC
G. Beard, MD, FRCSC
I. Bennett, MA
M.G. Brandt, BSc, MD, FRCSC
D. Brown, MD, FRCSC
N. Chauhan*, MD, FRCSC
A.J. da Silva, MB, FRCSC
T. Davids, MD, FRCSC
S. Druker, MCISc
D. Finkelstein, MD, FRCSC
E. Gooden, MD, FRCSC
G. Goulding, MCISc
H.K. Guirgis, MB, CHB, FRCSC
B. Hassounin*, BSc, MD, FRCSC
R. Hekkenberg, MD, FRCSC
A. Katyal, MD, FRCSC
W. Kaul, MB, FRCSC
J. Kolenda, MD, FRCSC
A. Lee*, MD, MSc, CCFP(EM), FRCSC
R. Leung, BSc, MD, FRCSC
B.T.M. Lui, BSc, MD, FRCSC
L. MacDonald, MCISc
B. Marcarian, MD, FRCSC
J. Mendelsohn, MB, ChB, FRCSC
Cross-Appointed Staff

Professors:
B.J. Cummings, MB, FRCP, Radiation Oncology
F. Gentili, MD, FRCS, FACS, Surgery
S. Kamel-Reid, MA, PhD, Laboratory Medicine & Pathobiology
H. Kunov, PhD, Biomedical Engineering
F-F. Liu, MD, FRCP, Radiation Oncology
B. O’Sullivan, MB, FRCP, Radiation Oncology
J.A. Sharpe, MD, FRCP, Medicine
P.G. Walfish, MD, FRCP, Medicine
N. Zamel, MD, FRCP, Medicine

Associate Professors:
S. Blaser, MD, FRCS, Medical Imaging
G. Bradley, DDS, MSc, Faculty of Dentistry
E. Kassel, DDS, MD, FRCP, Medical Imaging
R. Martino, MSc, MA, Ph.D., Speech Language Pathology
L.E. Rotstein, MD, FRCS, Surgery
G.P. Taylor, MD, FRCP, Laboratory Medicine & Pathobiology
A.M-F. Wong, MD, PhD, FRCS, FAAO, Ophthalmology & Vision Sciences

Assistant Professors:
E.S. Bartlett, MPH, MD, Medical Imaging
J. Huber, MScA, SLPc, PhD, MD, FRCP, Pediatrics
S. Laughlin, MD, FRCP, Medical Imaging
B.Y. Ngan, MD, FRCP, Laboratory Medicine & Pathobiology
B. Perez-Ordonez, MD, FRCP, Laboratory Medicine & Pathobiology
S. Symons, BASc, MPH, MD, FRCP, Medical Imaging
J. Waldron, MD, FRCP, Radiation Oncology
E. Yu, MD, FRCP, Medical Imaging

Lecturers:
J. Allegro, MSc, Speech Language Pathology
D. Storms, MSc, Speech Language Pathology
P. Ranalli, MD, FRCP, Medicine

Administrative Staff:
A. Martin, Business Officer
S. Costantino, Department Executive Assistant
S. Kellogg, Postgraduate/Undergraduate Administrator
Honors and Awards

ADAMSON P
2012 Friend of the Polish Rhinology Society Award. For contributions to the Polish Rhinology Society.

ANDERSON J
2013 Philanthropy award by St. Michael’s Hospital Foundation for fundraising work to fund a Voice Chair.

BLASER S
2013 May 22 ASPNR 2013 Gold Medal Award Recipient. 51st Annual ASPNR Meeting - American Society of Pediatric Neuroradiology. San Diego, California, United States.

CAMPISI P
2013 The Alma Smitheringale Undergraduate Teaching Award, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

CHEN J
2012 Received the prestigious Harris P. Mosher Award for his Triologic Thesis “Cost Utility Assessment of Bilateral Cochlear Implantation: A Health Economic Evaluation in Adults from the Perspective of a Publicly Funded Program”.

CHIODO A
2013 Colin Woolf Award for Excellence in Course Coordination (for OtoUpdate), University of Toronto

2013 Integrated Medical Education (IME) Excellence in Community-Based Teaching Award (hospital setting), University of Toronto

2013 Research Educator Award, Toronto East General Hospital

2013 Fowler Award, Toronto East General Hospital

CHOW KY
2013 Queen Elizabeth II Diamond Jubilee Medal in commemoration of the sixtieth anniversary of her Majesty’s Accession to the Throne and in recognition of his contributions to Canada.

COCHLEAR IMPLANT TEAM at THE HOSPITAL FOR SICK CHILDREN
2013 Canadian Association of Speech-Language Pathologists and Audiologists Award of Excellence for Interprofessional Collaboration.

FORTE V
2013 2013 Canadian Association for Medical Education (CAME) Certificate of Merit Award recognizes faculty committed to medical education.
GANTOUS A
2013
2012-2013 Department of Medical Education & Scholarship, St. Joseph’s Health Centre, PGME category award for Excellence in Clinical Teaching. This award recognizes physician preceptors who have 1) had a significant impact on medical students, residents and fellows at St. Joseph’s Health Centre, 2) demonstrated the ability to be an excellent role model as evidenced in the CanMEDS Framework, 3) demonstrated the utilization of innovative and creative teaching methods and 4) demonstrated enthusiasm for teaching (excellent rapport with learners).

MARTINO R
2012

2012
Fellow of the American Speech-Language-Hearing Association (ASHA), ASHA, United States. (Distinction) Nominated by Dr. Susan Langmore. Fellowship is one of the highest forms of recognition given by ASHA of an individual’s accomplishments, and is public declaration of their outstanding professional achievements.

NOYEK A
2013
Officer of the Order of Canada

PAPSIN B
2013
Canadian Association of Speech Language Pathologists & Audiologists (CASLPA) Award of Excellence for Interprofessional Collaboration (Director CI Team).

2013
Family Centered Care Advisory Council Award (Humanitarian Award) Team Award for the Cochlear Implant Team (Director).

SMITH O
2013
Toronto East General Chief of Staff Choice Award for Research Leadership. This award is chosen by the Chief of Staff to honour a researcher who has contributed significantly.

WITTERICK I
2013
University of Toronto Department of Otolaryngology-Head & Neck Surgery Resident Advocate Award

2013
Canadian Society of Otolaryngology-HNS Educational Excellence Award

Ian Witterick receiving the CSO-HNS Award for Educational Excellence, June 4, 2013 from Award’s Chair and U of T Alumnus, John Yoo
Leadership Activities

ABEL S

2013 Member, Promotions Committee. Occupational and Environmental Health Unit, Dalla Lana School of Public Health.


2009-present Member, Awards and Recognition Committee, Defence Research & Development Canada -Toronto.

2007-present Member, Knowledge and Information Management Committee (KIMC). Defence Research & Development Canada – Toronto.


2003-present Senior Advisor, Board of Directors.

1989-present Board Examiner (2 day annual examinations).

1989-present Contributor of oral examination protocols.

Humanitarian Missions


2013 February Face the Future™ humanitarian mission to King Faisal Hospital and National Military Hospital, Kigali, Rwanda. Chef de Mission for a team of 10. Demonstration surgery and teaching. 1 week.

2012 October Face the Future™ and Face to Face combined humanitarian surgical mission to Bonum Centre, Ekaterinburg, Russia. Chef de Mission for team of 10. Demonstration surgeries, consulting and teaching. 1 week.


2012-present Editorial Board, Modern Aesthetics Magazine.

2011-present Advisor, Facial Plastic Surgery Clinics Advisory Board.

2011-present Advisor, Pan Asian Academy of Facial Plastic and Reconstructive Surgery.


1994-present President, Face the Future™ Foundation (Previously Canadian Foundation for Facial Plastic and Reconstructive Surgery).

1989-present Advisor, Canadian Academy of Facial Plastic Surgery (CAFPS).


ADAMSON P


2012-present Senior Advisor, Editorial Board JAMA Facial Plastic Surgery.

2007-present Member, Ethics Committee.

2002-present Member, Howard W. Smith M.D. Legacy Society.

1987-present Director, Fellowship Program.

1986-present Facial Plastic Surgery Resident Liaison (Liaison of AAFPRS with U of T).

American Board of Facial Plastic and Reconstructive Surgery (ABFPRS).

2009-present Member, Core Committee on Maintenance of Certification (MOC).

2007-present Member, FPS Archives Advisory Council.

2006-present Member, Bylaws and Publications Committee.

2006-present Member, Audit Committee.
BRADLEY G
2012-present Head of the Discipline of Oral Medicine and Oral Pathology, Faculty of Dentistry.
2011-present Council of Health Sciences Education Subcommittee (Faculty of Dentistry representative).
2007-present Associate Dean, Biological and Diagnostic Sciences, Faculty of Dentistry.

BRANDT M
2012-present Electronic Communications Editor, Canadian Society of Otolaryngology-Head and Neck Surgery.
2011-present Undergraduate Medical Education Committee, Canadian Society of Otolaryngology-Head and Neck Surgery.
2010-present Fellowship Committee, American Academy of Facial Plastic and Reconstructive Surgery.
2010-present Membership & Residency Relations Committee, American Academy of Facial Plastic and Reconstructive Surgery.
2010-present Research Committee, American Academy of Facial Plastic and Reconstructive Surgery.

Journal Reviewer:
2012-present Anatomical Sciences Education.
2011-present International Forum of Allergy & Rhinology.
2010-present American Journal of Rhinology & Allergy.
2008-present The Laryngoscope.

BROWN D
2013-2014 President, Eastern Section of the Triologic Society.
1998-present Surgical Oncology Representative, PMH/TTH Systems & Health Records Integration Advisory Forum, University of Toronto, Department of Otolaryngology-HNS.
1995-present Central Canada Representative, Nucleus Committee in Otolaryngology. The Royal College of Surgeons in Canada.
1993-present Chair, Hospital Laser Committee. Toronto General Hospital.
1990-present Consultant Otolaryngologist. Niagara ENT Consultants, Niagara Falls, ON.
1990-present Consultant Otolaryngologist. Sensenbrenner Hospital, Kapuskasing, ON.
1989-present Otolaryngology Representative, Operating Room Committee. Toronto General Hospital.

CAMPISI P
2013-2014 Eastern Section Liaison, Triological Society Combined Sections Program Committee.
2012-2014 Medical Staff Association (President), The Hospital for Sick Children: Medical Staff Association Committee. Medical Advisory Committee. Senior Management Committee. Board of Trustees. Clinical Relations Committee, Faculty of Medicine, University of Toronto. President and Chief Executive Officer Search Committee (2013).

Reviewer:
2006-present Archives of Otolaryngology, Head and Neck Surgery.
2005-present Laryngoscope.

CONRAD K
2008-present Credentials Committee (Canadian representative) American Board of Facial Plastic and Reconstructive Surgery.

CHIODO A
2013 Course Director, 11th Annual Otolaryngology-Head &Neck Surgery Update, University of Toronto, Toronto East General.
2013 Reviewer/Interviewer, Admissions, Faculty of Medicine, University of Toronto.
2013 Member, Longitudinal Integrated Clerkship Committee, Faculty of Medicine, University of Toronto.
2012-2013 Member, Strategic Planning Committee, Department Of Otolaryngology-Head & Neck Surgery, University of Toronto.
2012-2013 Chair, Undergraduate Medical Education-Strategic Planning Subcommittee, Department Of Otolaryngology-Head & Neck Surgery, University of Toronto.
2012-2013 Member, Clerkship Committee, Faculty of Medicine, University of Toronto.
2012-2013 Member, iOSCE Committee, Faculty of Medicine, University of Toronto.
2012 Member, Faculty Council Continuing Education and Professional Development Committee. University of Toronto, Toronto, ON.
CUSHING S
Editorial Board, Otology Neurotology.
Board Member, Society for Ear Nose and Throat Advancements in Children.

DAVIDS T
2010-present Reviewer, Otolaryngology-Head and Neck Surgery, Laryngology.

DRUKER S
2005-present Interprofessional Practice Rounds Committee. Hospital for Sick Children.

ELLIS D
2009-present Founding Director, Pan Pacific Academy of Facial Plastic & Reconstructive Surgery.
2003-present Member, International Federation of Facial Plastic Surgery Society.
1993-present Member, The Founders Club.

ENEPEKIDES D
2011-present Site Group Chair, Head and Neck Oncology, Odette Cancer Centre.
2002-present Reviewer. Head and Neck.
2002-present Reviewer. The Laryngoscope.

American Head and Neck Society
2012-present Advanced Training Council - subcommittee on Robotic Surgery.
2011-present Member, Advanced Training Council Committee.
2012-2013 Planning committee for 2013 Annual AHNS Meeting, Orlando, FL.

Sunnybrook Health Sciences Centre
2007-present Member, Laser Safety Committee.
2009-present Member, AFP Committee.

FREEMAN J
2009-present Special Reviewer, Union for International Cancer Control Fellowships.
1992-present Guest Editor, Operative Techniques in Otolaryngology-Head & Neck Surgery “Oral Cavity Reconstruction”.
1992-present Member, Committee on Principles of Surgery Examination, Royal College of Physicians and Surgeons of Canada.
1990-present Member, Surgery, Obstetrics and Gynaecology.
1989-present Member, Head and Neck Surgery.
1989-present Member, Operative Techniques in Otolaryngology-Head & Neck Surgery.
1985-present Member, Canadian Journal of Otolaryngology.

Mount Sinai Hospital:
2008-present Member, Audit and Risk Management Committee.
2008-present Member, Business Development and Research Commercialization Committee.
2008-present Member, Information Technology Committee.
2008-present Member, Quality Committee.
2008-present Member, Resources Committee.
2006-present Member, Centre of Excellence Committee.
2000-present Coordinator, Annual Morley Binstock Lecture and visiting professorship. Which has incorporated the Schering and Abbott lectures and visiting professorship. Outstanding dignitaries in the field of head and neck oncology have visited.

Uncovering of portrait for Dr. Jeremy Freeman
April 29, 2013; L to R: Daughters Lauren holding Raphael – and Allison, wife Elayne and Jeremy Freeman
GILBERT R
2009-present Member, Board of Trustees. University Health Network.
1988-present Consultant in Surgical Oncology. Surgical Oncology, Toronto-Sunnybrook Regional Cancer Centre.

National Cancer Institute of Canada (NCIC)
2005-present Co-Chair, Head and Neck Clinical Trials Group.
2001-present Member, Head and Neck Site Group.

Princess Margaret Hospital
2008-present Chair, Cancer Program Quality Committee.
2001-present Member, Cancer Committee.
2001-present Member, Management Council, Department of Surgical Oncology.

GOLDSTEIN D
2012-present Editor, Ear Nose and Throat Journal.
2012-present Reviewer, ORL.
2012-present Reviewer, Journal of Skin Cancer.
2012-present Reviewer, Journal of Surgical Oncology.
2011-present Member of the Board, Melanoma Network of Canada, Canada (National Patient Led Organization).
2011-present Member, Microvascular Surgery Committee. American Academy of Otolaryngology.
2009-present Reviewer, European Journal of Cancer.
2009-present Member, Publications Committee. American Academy of Otolaryngology.
2008-present Reviewer, Archives of Otolaryngology.
2007-present Reviewer, Head & Neck.
2007-present Director of Research, Head and Neck Surgical Oncology Fellowship. University Health Network.
2006-present Reviewer, Otolaryngology Head & Neck Surgery.

GOODEN E
2011-present Board Member, NYGH Foundation Board of Governors.
2012-present Development Committee. NYGH Foundation.

GORDON K
2013 Poster Judge, Scientific Day. Collaborative Program in Neurosciences.
2012 MSc Thesis Examiner, Sinthujah Varatharajah, Supervisor: Margot Taylor, Department of Psychology, University of Toronto.
2011-present Member, Admissions committee, Institute of Medical Science.
2009-present Member, Audiology Committee. Department of Otolaryngology-Head and Neck Surgery, University of Toronto.
2009-present Member, Research Committee, Department of Otolaryngology-Head and Neck Surgery, University of Toronto.
2009-present Member of the Board of Directors, Society for Ear, Nose and Throat Advances in Children, Annual Meeting.
2009-2010 Program committee member, Society for Ear, Nose and Throat Advances in Children, Annual Meeting.

The Hospital for Sick Children
2010-2013 Judge, Restracomp Awards.
2010-present Member, Scientific Advisory Board. Neuroscience and Mental Health.

Journal Reviewer:
Human Brain Mapping.
Brain.
Journal of Clinical Neurophysiology.
International Journal of Psychophysiology.
Journal of Neurophysiology.
Journal of the Association for Research in Otolaryngology.
Hearing Research.
Ear and Hearing.
International Journal of Pediatric Otolaryngology.
Otology and Neurotology.
Audiology and Neurotology.
Annals of Otorhinolaryngology.
Archives of Otolaryngology – Head and Neck Surgery.
Early Human Development.

Funding Agencies
Reviewer, Canadian Institutes of Health Research.
Reviewer, National Institute of Health.
### GULLANE PJ

<table>
<thead>
<tr>
<th>Year</th>
<th>Position/Role</th>
</tr>
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<tbody>
<tr>
<td>2012</td>
<td>June</td>
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<tr>
<td>2007-present</td>
<td>Associate Editor. Head and Neck.</td>
</tr>
<tr>
<td>2000-present</td>
<td>Member. The Laryngoscope.</td>
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<tr>
<td>1997-present</td>
<td>Faculty Member. SIPac (Self-Instructional Packages).</td>
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<tr>
<td>1993-present</td>
<td>Medical Director, Otolaryngology-HNS/Plastic Business Unit.</td>
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<tr>
<td>1993-present</td>
<td>Member. Surgical Services Advisory Committee.</td>
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<tr>
<td>1993-present</td>
<td>Member. Surgical Program Management Committee.</td>
</tr>
<tr>
<td>1989-present</td>
<td>Member. American Academy of Otolaryngology - Head and Neck Surgery, SIPac Faculty.</td>
</tr>
<tr>
<td>1989-present</td>
<td>Reviewer. Les Annales d’Otolaryngologie et de Chirurgie Cervico-aciale (France).</td>
</tr>
<tr>
<td>1981-present</td>
<td>Member, Medical Advisory Committee.</td>
</tr>
</tbody>
</table>

### HIGGINS K

<table>
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<tr>
<th>Year</th>
<th>Position/Role</th>
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<tbody>
<tr>
<td>2008-present</td>
<td>Member. American Head and Neck Society.</td>
</tr>
<tr>
<td>2008-present</td>
<td>Course Faculty/AO Member, The AO Foundation (The Association for the Study of Internal Fixation).</td>
</tr>
<tr>
<td>2006-present</td>
<td>Member. Canadian Academy of Facial Plastic and Reconstructive Surgery.</td>
</tr>
<tr>
<td>1997-present</td>
<td>Elected Member. Alpha Omega Alpha Honour Medical Society.</td>
</tr>
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### Editorial Boards:

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<tr>
<th>Year</th>
<th>Journal</th>
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### Manuscript Reviews:

<table>
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<tr>
<td>2012-present</td>
<td>Craniomaxillofacial Trauma and Reconstruction.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Thyroid.</td>
</tr>
<tr>
<td>2011-present</td>
<td>Clinical Otolaryngology.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Otolaryngology-Head and Neck Surgery.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Head &amp; Neck.</td>
</tr>
<tr>
<td>2006-present</td>
<td>Laryngoscope.</td>
</tr>
</tbody>
</table>

### IRISH JC

<table>
<thead>
<tr>
<th>Year</th>
<th>Position/Role</th>
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<tbody>
<tr>
<td>2012-2016</td>
<td>Conference Chair. 9th International Conference on Head and Neck Cancer, Seattle, Washington, United States.</td>
</tr>
<tr>
<td>2008-2012</td>
<td>Program Chair. 8th International Conference on Head and Neck Cancer.</td>
</tr>
<tr>
<td>2008-present</td>
<td>Provinical Head, Surgical Oncology. Cancer Care Ontario.</td>
</tr>
<tr>
<td>2005-present</td>
<td>Regional Head, Surgical Oncology Program. The Toronto Central Local Health Integration Network (LHIN), Canada.</td>
</tr>
<tr>
<td>2001-present</td>
<td>Director, Surgical Services. Princess Margaret Hospital.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Associate Editor. Head and Neck.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Member. Editorial Board. Head and Neck.</td>
</tr>
</tbody>
</table>
2003-present Reviewer. Laryngoscope.
2002-present Reviewer. Head and Neck.

American Head and Neck Society:
2012-present External Reviewer, Thomas Jefferson University Fellowship Program.
2011-present Member, CME Measurement Task Force.
2011-present Member, Council.

Cancer Care Ontario:
2012-present Clinical Sponsor, Sarcoma Services Steering Committee.
2011-2012 Member, Sarcoma Advisory Committee, Sarcoma Project Team.
2009-present Chair, Models of Care Task Force-AFP-SRF Task Force.
2009-present Member, Diagnostic Assessment Program Leadership Team.
2008-present Provincial Head, Surgical Oncology Program, Ontario.
2008-present Member, Multidisciplinary Cancer Conference Provincial Leadership Team.
2008-present Member, Clinical Council.
2008-present Member, Clinical Programs Operation Committee.
2008-present Chair, Cancer Surgery Coordinating Committee.
2006-present Member, Wait Times Leadership Committee.
2005-present Chair, Toronto Central Surgical Oncology Council, Ontario.
2004-present Lead, Access to Care and Strategic Funding Initiatives, Surgical Oncology Program.

Ministry of Health and Long Term Care:
2012-present Member, Head and Neck Organizational Standards Implementation Steering Committee.
2010-2012 Interim Provincial Clinical Lead, Surgery and Diagnostic Imaging Access To Care.
2009-present Chair, Surgery and Diagnostic Imaging Council, Access to Care.
2001-present Member, Research Council in Oncology, Ontario Cancer Institute.

Princess Margaret Hospital:
2001-present Member, Cancer Program Executive Committee.
2001-present Director, Surgical Services. Toronto General Hospital.
2001-present Member, Surgical Programs Management Committee.

University Health Network:
2005-present Chair, Surgical Oncology Management Council.
2001-present Member, Surgical Services Executive Committee.
2001-present Member, Surgical Executive Committee.

LEE J
2011-present Editorial Board, American Journal of Rhinology and Allergy.
2010-present Information Technology Committee, American Rhinologic Society.
2010-present Rhinology Working Group, Canadian Society of Otolaryngology-Head & Neck Surgery.

Invited Reviewer:
2011-present Laryngoscope.
2010-present International Forum of Allergy and Rhinology.
2009-present American Journal of Rhinology and Allergy.

LIU F-F
2012-present Member, Advisory Board; Research Training Program, University of Pennsylvania.
2012-present Member, Advisory Board, Chinese University of Hong Kong – NPC.
2008-2012 Chair, Appointments Committee, Ontario Cancer Institute.
2008-2012 Member, Executive of UT-Department of Radiation Oncology.
2006-2012 Member, ACOR in NCIC/CCSRI, National Cancer Institute of Canada.

Grant Reviews:
2012 Reviewer, Canadian Cancer Society Research Institute.
2012 Reviewer, CIHR Catalyst.
2007-2012 Reviewer, Canadian Institutes of Health Research, CPT Panel.
MARTINO R
2013-2016 Faculty Member, Life Sciences (Division IV), Graduate Academic Appeals Board, School of Graduate Studies, University of Toronto.
2012-present Member, GDRS Council, Faculty of Medicine, Graduate Department of Rehabilitation Sciences, University of Toronto.
2008-present Liaison Group Member, Inpatient. Communication Sciences and Disorders Clinical Trials Research Group (CSDRG).
2003-present Cochrane Affiliate. Canadian Association of Speech Language Pathology and Audiology (CASLPA).

Dysphagia Research Society (DRS):
2012-2013 Past President, Nominating Committee
2012-2013 Chair, Past President’s Advisory Council
2012-2013 Chair, Recruitment Committee
2012-2013 Chair, Nominating Committee
2012-2013 Chair, Adhoc Society Liaison
2012-2013 Chair, Program

NAZARALI K
Continuing Education Director - West End Otolaryngology-Head and Neck Surgery Group.
Member- Pharmaceutical and Therapeutics Committee, Trillium Health Partners.
Medical Advisory Service – Aga Khan Health Board for Ontario.

NGAN B
2000-2013 Reviewer: The American Journal of Pathology, Cellular & Molecular Biology Disease
1999-present Site Representative, Pathology Discipline, CureSearch, Children’s Oncology group, United States
1999-present Member, Cancer Trial Support Unit, Pharmaceutical Branch, National Institute of Health, National Cancer Institute, United States

The Hospital for Sick Children:
2001-present Member. Capital Equipment Committee.
2001-present Member. Education Committee, Dept of Pediatric Laboratory Medicine.
1997-present Project Director. Research Institute.

NOYEK A
2012-present Member, Steering Committee, Canadian Representative. Middle East Health Association (MEHA).
2012-present Adjunct Professor, Faculty of Health, York University.
2008-present Reviewer (nominated by the American Academy of Otolaryngology- HNS), for the Intersocietal Commission for the Accreditation of Computed Tomography Laboratories (ICACTL), Columbia, Maryland.
2009-present Senior Ashoka Fellow for Canada.
1985-present Chairman, Awards Committee for the Freda Noyek Otolaryngology Merit Award.
1984-present Founder, Canada International Scientific Exchange Program (CISEPO).

PAPAIOANNOU V
President of the College of Audiologists and Speech Language Pathologists of Ontario

PAPSIN B
2010-present How I do it (HIDI) Committee, Member - The Triologic Society.
2003-present Editorial Board, Reviewer - BMC Ear, Nose and Throat Disorders.
1998-present Editor, Reviewer - The Journal of Otolaryngology.

The Hospital for Sick Children:
2013-present Otolaryngologist-in-Chief.
2006-present Surgical Research Committee (Member).
2003-present Cochlear Americas Chair in Auditory Development.
2000-present  Credentials Committee.
1997-2013  Director, Pediatric Cochlear Implant Program.

American Society of Pediatric Otolaryngology (ASPO):
2010-2013  Education and Curriculum, member.
2011-2014  Executive Committee, Board of Directors.
2013-2014  Nominating Committee (Member).
American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS):
2003-present  Editorial Board, Reviewer.
2007-present  Pediatric Otolaryngology Education Committee (Member).

The Journal of International Advanced Otology (IAO):
2010-present  Editorial Board, Member.
2010-present  Editorial Board, Reviewer.

PARKER D
2012  Member of the Initial Practice Registrants Task Force, College of Audiologists and Speech Language Pathologists of Ontario (CASLPO).
2010-present  Peer Assessor for the College of Audiologists and Speech Language Pathologists of Ontario (CASLPO).

PROPST E
2013-present  Member, Expert Committee for Development of Tonsillectomy Guidelines, Ontario Government.
2009-2010  Interviewer. Pediatric Otolaryngology Fellowship Program, Cincinnati, Ohio. Cincinnati Children’s Hospital Medical Center.

Manuscript Reviews:
2012-present  Sensors.

The Hospital for Sick Children:
2013-present  Medical Advisor. Parent Education Group, Hospital Improvement Taskforce.
2013-present  Undergraduate Education Site Director.
2013-present  Residency Education Site Director.
2012-present  Director, Flexible Endoscopic Evaluation of Swallowing (FEES) Clinic.
2012-present  Team Leader. Development of intravenous infusion safety detection system. Collaborators: Brian Carillo, Dr. Vito Forte.
2012-present  Fellowship Director. Pediatric Otolaryngology Fellowship.
2011-present  Co-Director, Disorders Relating to the Airway and Mouth in Sleep (DREAMS) Clinic.
2010-present  Member, Stem Cell Working Group.

RALHAN R
2012-present  Editor, Journal of Biomarkers.
2011-present  Member, Frontiers in Cancer Genetics.
2009-present  Member, South Asia Advisory Board for L.I.R. Biochemistry.
2008-present  Member, Advisory Board of Head & Neck Oncology.
2008-present  Member, Editorial Board of Journal of Oral Pathology & Medicine.
2008-present  Member, Editorial Board of The Open Biomarkers Journal.
2007-present  Member, Editorial Board of Oral Oncology.
2006-present  Member, Editorial Board of International Journal of Cancer.

RUTKA J
2002-present  Consultant Otolaryngologist. Dryden District Regional Health Center, Dryden, ON.
1990-present  Consultant Otolaryngologist. Workplace Safety & Insurance Appeals Tribunal (WSIAT of Ontario), ON.

Ontario Medical Association:
1998-present  Member, Tariff Committee, Section of Otolaryngology.
1998-present  Secretary, OMA Section of Otolaryngology.

SEABERG R
2008 - present  Member, American Head and Neck Society.
2006 - present  Alpha Omega Alpha Honor Medical Society.
2006 - present  Member, Canadian Society of Otolaryngology-Head & Neck Surgery.
2006 - present  Member, American Academy of Otolaryngology-Head & Neck Surgery.
2006 - present  Fellow, Royal College of Physicians & Surgeons of Canada.
VESCAN A
2012-present Reviewer. Allergy and Rhinology.
2012-present Reviewer. Laryngoscope.
2012-present Member. OR Committee, Mount Sinai Hospital.

WITTERICK I
2012 Course Co-Director, Microvascular Head & Neck Reconstruction.
Co-Directors: Dr. R. Gilbert, Dr. P.J. Gullane, Dr. A. Rapidis.
2010-present Member. Editorial Board. Skull Base.
2010-present Associate Editor. American Journal of Rhinology & Allergy.
2004-present Associate Editor. Allergy and Asthma.
2003-present Course Co-Director, Annual Otolaryngology Update.

Manuscript Reviewer:
2012-present Journal of Surgical Oncology.
2011-present Cancer.
2011-present International Journal of Surgical Oncology.
2010-present Skull Base.
2010-present American Journal of Rhinology & Allergy.
2008-present Head & Neck.
2004-present Peer Reviewer. Cochrane Ear, Nose and Throat Disorders Group.
2003-present Laryngoscope.
1993-present Journal of Otolaryngology-HNS.

North American Skull Base Society:
2013-present Treasurer.
2011-present Member. Constitution and Bylaws Committee.
2011-present Member. Board of Directors.

World Congress on Thyroid Cancer:
2010-2013 Member. Organizing Committee, Second World Congress on Thyroid Cancer, July 10-14, 2013, Toronto.

Canadian Society of Otolaryngology - Head & Neck Surgery:
2010-present Ontario Representative, Canadian Society of Otolaryngology-HNS Council.
2010-present Member. Nominating/Long Range Planning Committee.
2010-present Member. CPD/CME Committee.
2002-present Member. Head & Neck Oncology Group.
2002-present Member. Rhinology Group.
2010-2013 Member. Fellowship Committee.
2010-2013 Chair. Rhinology Group.

Royal College of Physicians and Surgeons of Canada:
2012-present Member. Surgical Foundations Working Group.
2010-present Member. Accreditation Committee.
2012-2013 Member. Board of Examiners, Otolaryngology - Head & Neck Surgery.
2012 Chair. External Review of the Division of Otolaryngology - Head & Surgery, Department of Surgery, University of Calgary.
2012 Member. Consultation Team - Pontifical University of Chile.

Faculty of Medicine, University of Toronto:
2012-present Member. Executive Committee, Institute of Medical Science.
2012-present Member. Clinical Chairs Committee.
2012-present Member. All Chairs Committee.
2012-present Ex-Officio Member. Faculty Council.
2011-present Member. Agenda Committee.
2011-present Member. Striking Committee.
2011-present Chair. Education Committee.
2008-present Member. Advisory Committee on Professionalism.
2008-present Member. Steering Committee, Surgical Skills Centre.

Mount Sinai Hospital:
2012-present Otolaryngologist-in-Chief.
2012-present Member. Medical Advisory Council.
2008-present Member. Oncology Accreditation Committee.
## Research Grants and Contracts

<table>
<thead>
<tr>
<th>Researcher</th>
<th>Grant Details</th>
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<tbody>
<tr>
<td><strong>BRADLEY G</strong></td>
<td>Glogauer M (PI), Bradley G. The Role of Local Immune Response in the Invasive Behavior of Oral Squamous Cell Carcinoma. Faculty of Dentistry Research Fund. $6000, October 2012 to September 2013.</td>
</tr>
<tr>
<td><strong>BRANDT M</strong></td>
<td>Doyle PC. Development and Validation of a Novel Scar Assessment Scale. Western University – Western Graduate Research Scholarship. $28,500. 4-years.</td>
</tr>
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</table>
HIGGINS K

IRISH J


LEE J

MARTINO R


NGAN B
Elucidating the Pathogenesis and Prognostic Features of Childhood Tumours with Studies in the Patterns of Immunological, Cytogenetic and Molecular Abnormalities of Benign and Malignant Childhood Malignancies. (Present)

Studies in Pediatric Lymphomas, the Distinctive Subtypes and Other Lymphoproliferative Diseases such as Post-Transplant Lymphomas, with Emphasis on Characterizing the Immunological and Molecular Mechanisms. (Present)

Studies in Pediatric Enteropathies, Gastro-Intestinal Disorders and the Role of Immune Mediators in Inflammatory Bowel Diseases. (Present)

Studies on the Role of Tissue Injury by Cytotoxic Lymphocytes, NK Cells, CD8 + Effector Cells and Inflammatory Mediators and the Control of Some of these Mechanisms by T Regulatory Cells and the Role Anti-Apoptotic Programs in Allograft Protection. (Present)

SEABERG R
Parathyroid Cysts; Case reports & Literature Review. 2013-present.

Head and Neck Manifestations of Syphilis; Case Report & Literature Review. 2013-present.

PAPSIN B
Gordon KA, Papsin BC. Cortical Plasticity in Children who are Deaf. CIHR - Operating Grant $682,000. 2009 - 2014.


Endowed Chair. As Inaugural chairholder I have used this money to develop the Cochlear Implant Laboratory and to support advocacy of children with hearing impairment and their families. Papsin BC: Cochlear Americas Chair in Auditory Development. $2,000,000. 2005-2015.

PROBST E


Corrosion Casting Project Support, Materials. Hospital for Sick Children Surgical Services Innovation Grant. The Hospital for Sick Children. $10,000 CAD. Toronto, ON. 2011 Jul-2012 June.

Intravenous Extravasation Detector Project Support, Materials Hospital for Sick Children Surgical Services Innovation Grant. The Hospital for Sick Children. $10,000 CAD. Toronto, Ontario, Canada. 2012 Jul-present.
RALHAN R
Ranju Ralhan International Science and Technology Partnerships Canada (ISTP Canada) – Department of Biotechnology (DBT) India. Development of Cancer Prognostic Test for prediction of aggressive disease in breast cancer patients. $320,000, 2013 April-2015 March.


WITTERICK I

Residents

<table>
<thead>
<tr>
<th>PGY 1</th>
<th>PGY 3</th>
<th>PGY 5</th>
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<tbody>
<tr>
<td>Michael Au</td>
<td>Antoine (Tony) Eskander</td>
<td>Jennifer Guillemaud</td>
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<td>Gian Marco Busato</td>
<td>Vinay Fernandes</td>
<td>Luke Harris</td>
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<td>Gavin LeNobel</td>
<td>Lukas Kus</td>
<td>Bradley Hubbard</td>
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<td>Michael Sklar</td>
<td>Jennifer Wang</td>
<td>Thileeban (Thileep) Kandasamy</td>
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<tr>
<td>Gordon Tsang</td>
<td>Xiao Zhao</td>
<td>Eric Monteiro</td>
</tr>
</tbody>
</table>

**PGY 2**
- Sarah Hugh
- Kayvan Nateghifard
- Heather Osborn
- Modupe (Dupe) Oyewumi
- Edward Park

**PGY 4**
- Eric Arruda
- Janet Chung
- Amandeep (Aman) Grewal
- Mazin (Maz) Merdad
- Tulika Shinghal
- Nikolaus (Nik) Wolter

**Front Row L to R:**
Gavin le Nobel (PGY1), Lukas Kus (PGY3), Modupe (Dupe) Oyewumi (PGY2), Sarah Hugh (PGY2), Heather Osborn (PGY2), Paolo Campisi (Program Director), Michael G. Steward (Visiting Professor), Ian Witterick (Chair), Jennifer Guillemaud (PGY5), Janet Chung (PGY4), Jennifer Wang (PGY3), Tulika Shinghal (PGY4), Luke Harris (PGY5).

**Back Row L to R:**
Gordon Tsang (PGY1), Michael Sklar (PGY1), Xiao Zhao (PGY3), Ed Park (PGY2), Kayvan Nateghifard (PGY2), Maz Merdad (PGY4), Michael Au (PGY1), Thileep Kandasamy (PGY5), Eric Monteiro (PGY5), Eric Arruda (PGY4), Aman Grewal (PGY4), Vinay Fernandes (PGY3), Nik Wolter (PGY3), Brad Hubbard (PGY5), Tony Eskander (PGY3).

**Missing Resident:** Gian-Marco Busato (PGY1)
Fellowships

**Head and Neck Oncology:**

Dr. Nidal Muhanna  Dr. Jonathan Irish [PMH/UHN]
Dr. Matthew Magarey  Dr. Jeremy Freeman [MSH] / Dr. Patrick Gullane [PMH/UHN]
Dr. Samip Patel  Dr. Dale Brown, David Goldstein [PMH/UHN] / Dr. Jonathan Irish [PMH/UHN]
Dr. Stephan Haerle  Dr. Ralph Gilbert [PMH/UHN] / Drs. Kevin Higgins, Danny Enepekides [SHSC]
Dr. Dev Kamdar  Drs. Kevin Higgins, Danny Enepekides [SHSC] / Dr. Jeremy Freeman [MSH]
Dr. Hussain Alsaffar  Dr. Jonathan Irish [PMH/UHN] / Drs. Dale Brown, David Goldstein [PMH/UHN]
Dr. Bradley Johnson  Dr. Patrick Gullane [PMH/UHN] / Dr. Ralph Gilbert [PMH/UHN]

**Facial Plastic Surgery:**

Dr. Alyn Ji Eun Kim  Dr. Peter A. Adamson [UHN]
Dr. James Bonaparte  Dr. David E. Ellis [UHN]
Dr. Siva Thiru  Dr. Kris Conrad [MSH]

**Pediatric:**

Dr. Sohit Kanotra  Drs. Paolo Campisi, Vito Forte, Robert V. Harrison [HSC]
Dr. Luis Madrigal  Drs. Paolo Campisi, Vito Forte, Robert V. Harrison [HSC]

**Rhinology:**

Dr. Chris Dhepnorrat  Dr. Ian Witterick [MSH]

**Otology Skull Base Surgery:**

Dr. Christopher Arnold  Drs. Joseph Chen, Julian Nedzelski, Vincent Lin [SHSC]
Dr. Jafri Kuthubutheen  Drs. Joseph Chen, Julian Nedzelski, Vincent Lin [SHSC]

**Medical Neurotology/Otology:**

Dr. David Pothier  Dr. John Rutka [UHN]
Dr. Paninee Charusripan  Dr. John Rutka [UHN]
Dr. Cristian Daszenes  Dr. John Rutka [UHN]
Dr. Reza Sani  Dr. John Rutka [UHN]
Dr. Annabelle Leong  Dr. John Rutka [UHN]

**Laryngology:**

Dr. Premadura Sombuntham  Dr. Jennifer Anderson [SMH]
Departmental Awards Program

Chapnik, Freeman and Friedberg Clinician Scientist Program Award was presented to Xiao Zhao (PGY3).
Awarded to a resident/fellow or junior faculty in the Department of Otolaryngology – Head and Neck Surgery enrolled in a Master of Science or Master’s in Education or PhD degree at the University of Toronto.

Freda Noyek Otolaryngology Merit Award was presented to Eric Monteiro (PGY5). In recognition of special commitment to patient care and academic achievement.

Kris Conrad Merit Award in Facial Plastic Surgery was presented to James P. Bonaparte (Fellow in Facial Plastic Surgery). For demonstrating outstanding skills in facial plastic surgery.

Resident Advocacy Award was presented to Ian J. Witterick. In recognition of dedication to improving the residency program through support and mentorship.

The Shiley E.O. Pelausa Award was presented to Xiao Zhao. For demonstration of excellent clinical work by a PGY3.

The Wharton Head and Neck Research Award was presented to Tony Eskander (PGY3). For best paper in head and neck clinical or basic science research.

Merck PGY5 Award - consists of textbooks to graduating residents:

Jennifer Guillemaud, Luke Harris
Bradley Hubbard, Thileep Kandasamy
Eric Monteiro

The Department of Otolaryngology-Head & Neck Surgery Excellence in Teaching Award was presented to Adrian James.

Resident Teacher of the Year Award was presented to Eric Monteiro. Awarded to a PGY5 resident who is judged by his/her peers to have been an outstanding teacher to other residents and medical students during their residency.

The Alma Smitheringale Excellence in Undergraduate Teaching Award was presented to Paolo Campisi. Awarded to a faculty member, resident or fellow for outstanding undergraduate teaching, based on his/her teaching evaluation scores.

Distinguished Alumnus Award was presented to Oakley Smith. Awarded to an alumnus in recognition of having demonstrated an exceptional commitment and dedication to the practice and teaching of otolaryngology – head and neck surgery and whose professional ethical standards have been of the highest order.

The Hugh Barber Award was presented to Jonathan Yip. Awarded to an undergraduate student in the final year of the MD program who has demonstrated excellence and interest in the area of Otolaryngology during the elective period.
Annual Percy Ireland Academic Day

The Department of Otolaryngology - Head & Neck Surgery held its 22nd Annual Percy Ireland Academic Day on May 10, 2013 at the University of Toronto Hart House. Visiting Professor Dr. Michael G. Stewart (Chair, Department of Otolaryngology at Weill Cornell Medical College in New York City) delivered The Percy Ireland Oration titled: “Outcomes Research and its Role in Otolaryngology-Head & Neck Surgery”. As well, 24 papers were presented by the postgraduate/graduate trainees.

The winners of various departmental awards were as follows:

Best Paper in Each of Five Categories

Category 1 - Work undertaken by PGY 2 Residents during clinical rotation:
Sarah Hugh (mentors – Evan Propst, Blake Papsin, Sharon Cushing) - for her project: “Sound Pressure Level Measurements on Infant Sleep Machines”.

Category 2 - Work undertaken by PGY 3 Residents during clinical rotation:
Antoine (Tony) Eskander (mentors: David Goldstein, David Urbach, Jonathan Irish, Jeremy Freeman, Steven Hall & Patti Groome) – for his project: “Head & Neck Cancer Epidemiology and Patterns/Variations in Surgical Care: The Province of Ontario”.

Category 3 - Work undertaken by PGY 4 Residents during clinical rotation:

Category 4 - Work undertaken by Post-Residency Clinical Fellows:
David Pothier (mentor: John Rutka) – for his project: “Automated Computerized Dynamic Visual Acuity Testing: A Reliable and Useful Test of Vestibular Disorders”.

Category 5 - Work undertaken by Post-Residency Research Fellows/Graduate Degree Program:
Salima Jiwani (mentors: Karen Gordon & Blake Papsin), for her project: “Auditory Development after Cochlear Implantation in Children Who Use Sign Language as their Primary Mode of Communication”.

Best Overall Presented Paper:
Xiao Zhao, PGY3 (mentor: Michael G. Fehlings) for his project: “Role of Neoprecursor Cells and Self Assembling Scaffolds in Nerve Regeneration”.

Acknowledging our Supporters
Biomet Microfixation
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Karl Storz Endoscopy Canada Inc.
KLS Martin Group
Medtronic Canada
Merck Canada Inc.
NeilMed Pharmaceuticals Inc.
Olympus Canada
Southmedic
Stryker Canada
Takeda Canada Inc.

Percy Ireland Annual Academic Day May 10, 2013 - The Great Hall, University of Toronto Hart House
Percy Ireland Day Dinner, May 9, 2013

The Hospital for Sick Children past and present. L to R: Jack Friedberg, Paolo Campisi, Bill Crysdale, Vito Forte, Evan Propst, Sharon Cushing, Adrian James, Blake Papsin

Oakley Smith, Winner of the Distinguished Alumnus Award, presented by Yvonne Chan

Eric Monteiro, Winner of the Resident Teacher of the Year Award

Paolo Campisi, Winner of the Alma Smitheringale Undergraduate Teaching Award presented by Alma Smitheringale.

Presentation of Yvonne Chan’s recently published textbook Essential Otolaryngology to the PGY1s, L to R: Michael Au, Michael Sklar, Gian-Marco Busato, Yvonne Chan, Gavin le Nobel, and Gordon Tsang
L to R: David Ellis, Alma Smitheringale, Kris Conrad

PGY5s, L to R: Thileep Kandasamy, Brad Hubbard, Luke Harris

L to R: Kevin Higgins, David Goldstein, Al Vescan

Jamil Asaria, John Lee (right)

Joe Chen, Sharon Abel

Taryn Davids, Sharon Cushing (right)
Percy Ireland Annual Academic Day May 10, 2013

Dr. Kris Conrad presenting the Kris Conrad Merit Award in Facial Plastic Surgery to Dr. James Bonaparte (Clinical Fellow with Dr. David Ellis)

Tony Eskander (PGY3), Winner of The Wharton Head and Neck Research Award with Dr. Pat Gullane

Dr. Pat Gullane addressing the audience

Xiao Zhao (PGY3), Winner Best Overall Presented Paper, Chapnik, Freeman and Friedberg Clinician Scientist Program Award and the Shiley E.O. Pelausa Award with Dr. Paolo Campisi (Director of Postgraduate Education)

Eric Monteiro (PGY5), Winner of the Freda Noyek Otolaryngology Merit Award with Dr. Arnold Noyek

PGY2 Residents, L to R: Ed Park, Modupe (Dupe) Oyewumi, Heather Osborn, Dr. Paolo Campisi, Sarah Hugh, Kayvan Nateghfard
ANNUAL REPORT 2012-2013

Dr. David Pothier, Winner Category 5 with Dr. Paolo Campisi

PGY3 Residents, L to R: Xiao Zhao, Tony Eskander, Jennifer Wang, Dr. Paolo Campisi, Lukas Kus, Vinay Fernandes

PGY4 Residents, L to R: Aman Grewal, Maz Merdad, Tulika Shinghal, Dr. Paolo Campisi, Janet Chung, Nik Wolter, Eric Arruda

Adrian James, Winner Teacher of the Year Award presented by Dr. Paolo Campisi
Departmental Committees

Executive
Chair: Ian Witterick
Members: Peter Adamson, Jennifer Anderson, Paolo Campisi, Yvonne Chan, Joseph Chen, Al Chiodo, Vito Forte, Jeremy Freeman, Ralph Gilbert, Patrick Gullane, Robert V. Harrison, Jonathan Irish, Vicky Papaioannou, Blake Papsin, Oakley Smith

Undergraduate Medical Education (UME)
Chair: Al Chiodo
Members: Dale Brown, Paolo Campisi, Yvonne Chan, Jean Davidson, Susan Druker, John Lee, Allan Vescan; Student Representatives: Joel Davies, Ryan Figeroa, Eric Lai, Jonathan Yip; Resident Representatives: Vinay Fernandes, Nikolaus Wolter

Postgraduate Medical Education (PGME)
Chair: Paolo Campisi
Members: Jennifer Anderson, Al Chiodo, Rick Fox, Jeremy Freeman, Ralph Gilbert, Kevin Higgins, John Lee, Vincent Lin, Adam Toth; Resident Representatives: Janet Chung, Vinay Fernandes, Sarah Hugh, Eric Monteiro, Tulika Shinghal, Michael Sklar; Fellow Representatives: Stephan Haerle, Samip Patel

Continuing Education and Professional Development (CEPD)
Chair: Yvonne Chan
Members: Al Chiodo, Oakley Smith

Research
Chair: Robert V. Harrison
Members: Sharon Abel, David Goldstein, Karen Gordon, James Haight, Susan Kamel-Reid, Fei-Fei Liu, Blake Papsin

Audiology
Chair: Vicky Papaioannou
Members: Julija Adamonis, Maxine Armstrong, Ida Bennett, Lendra Friesen, Susan Druker, Karen Gordon, Gina Goulding, Laurie MacDonald, Dana Parker, Nadia Sando, David Shipp, Kari Smilsky, Eloise Thurier, Ken Williams, Jill Witte, Erica Wong

Departmental Appointments Committee (DAC)
Chair: Jonathan Irish
Members: Peter Adamson, Jennifer Anderson, Joseph Chen, Vito Forte, Jeremy Freeman, Patrick Gullane, Robert V. Harrison, Vicky Papaioannou, Ian Witterick

Departmental Promotions
Chair: Robert V. Harrison
Members: Peter Adamson, Joseph Chen, Vito Forte, Ralph Gilbert, Jonathan Irish, Blake Papsin, Ian Witterick

Budget Advisory
Chair: Ian Witterick
Members: Jennifer Anderson, Joseph Chen, Vito Forte, Jeremy Freeman, Patrick Gullane, Ralph Gilbert, Robert V. Harrison

Community Academic
Chair: Yvonne Chan

Advancement
Chair: Patrick Gullane
Members: Ian Witterick, Farzana Rajwani
Departmental Committees/Divisions Reports

Executive
Dr. I. Witterick (Chair)

The departmental Executive Committee is the senior advisory body to the Chair. The committee includes the hospital chiefs, the directors of undergraduate medical education, postgraduate medical education, continuing education and professional development, research and the chairs of committees in our Department (Audiology, Advancement, Appointments and Promotions Committees). The head of our two divisions (Head and Neck Oncology and Facial Plastic and Reconstructive Surgery) as well as the representative of the Community Academic Faculty also sit on the Executive Committee. The Executive Committee receives reports from all standing committees on a monthly basis and distributes minutes of the meeting to all Department members. The Committee provides guidance to the Chair in all matters related to the functioning of the Department.

I am very grateful to the committee for their guidance, support and thoughtful advice they have provided to me in my first year as Chair. I want to take this opportunity to acknowledge all members who have served on the Executive Committee over the past year:

Peter Adamson – Head, Division of Facial Plastic and Reconstructive Surgery
Jennifer Anderson – Otolaryngologist-in-Chief, St. Michael’s Hospital
Paolo Campisi – Director, PGME
Yvonne Chan – Director, CEPD
Joseph Chen – Otolaryngologist-in-Chief, Sunnybrook Health Sciences Centre
Al Chiodo – Director, UME
Vito Forte/B. Papsin – Otolaryngologist-in-Chief, Hospital for Sick Children
Jeremy Freeman – Mt. Sinai Hospital
Ralph Gilbert – Otolaryngologist-in-Chief, UHN
Patrick J. Gullane – Chair, Advancement Committee
Robert V. Harrison – Chair, Promotions & Research Committees
Jonathan Irish – Chair, Appointments Committee
Oakley Smith – Otolaryngologist-in-Chief, Toronto East General Hospital
Vicky Papaioannou – Chair, Audiology Committee

Respectfully submitted,
Ian J. Witterick, MD, MSc, FRCSC

Undergraduate Medical Education
Drs. A. Chiodo (Chair),

I am delighted to have assumed the portfolio of Undergraduate Medical Education (UME) Director in September from Dr. Paolo Campisi. He should be commended for an exceptional job in developing and administering our UME program over the last 7 years. A sincere thank you should go out to Drs. Campisi and Witterick for their guidance and expertise throughout the year. Overall, I believe this has been a successful year for undergraduate medical education in our Department. We have expanded our involvement in a number of pre and post clerkship courses and have added a new longitudinal elective program for second year students. Moreover, we have embarked upon a community otolaryngology-head and neck surgery stream for the clerkship to include our Community Academic Faculty and Mississauga Faculty.

Undergraduate Medical Education Committee
I am grateful for the efforts of the members of the UME Committee throughout the academic year including Drs. Vescan and Lee for being Assistant UME Directors.

Chair: Al Chiodo
Assistant UME Directors: John Lee (also representing Fitzgerald Academy, SMH) and Allan Vescan (also representing Wightman Berris - Mt. Sinai)
Wightman Berris Academy (UHN): Dale Brown
Peters-Boyd Academy (Sunnybrook): Jean Davidson
Mississauga Academy (Trillium Health Partners): Yvonne Chan
Hospital for Sick Children: Paolo Campisi
Audiology: Susan Druker
Student Representatives: Joel Davies (Year II), Eric Lai (Year III), Ryan Figeroa (Year III), Jonathan Yip (Year IV)
Resident Representatives: Vinay Fernandes, Nikolaus Wolter

Respectfully submitted,
Ian J. Witterick, MD, MSc, FRCSC
Strategic Planning
We have been involved with the strategic planning process over the course of the year. With the assistance of the Strategic Planning Committee, the objectives and goals which we have formulated include the following:

1. To make UME a faculty priority and to increase the profile of UME among faculty
2. Improve student satisfaction
3. Engage Community Academic Faculty in UME
4. Increase the exposure of our Department within the Faculty of Medicine’s Undergraduate Curriculum
5. To make our Department a nationwide leader in UME

This year we have also had to deal with the University of Toronto UME Accreditation Report which occurred in 2011. Our department was cited because of low student satisfaction. Overall, however, the clerkship rotation evaluation scores have improved this year along with teacher effectiveness scores. Awareness among faculty to make UME a priority along with improved observation of core clinical skills, faculty development and a pilot community rotation at Toronto East General have all contributed to the improved scores.

Pre-Clerkship Courses
Dr. Vescan has done a tremendous job as Assistant UME Director for the pre-clerkship. He has been representing our Department at the different pre-clerkship courses. We had a successful MMMD course week where a twitter feed was used during the lectures. In addition we had an extracurricular night-time classroom session of the OtoSim™ (a brainchild of Dr. Witterick’s). This was a huge success which has now stimulated the use of the OtoSim™ in a classroom setting in first and second years of medical school along with the clerkship. I would like to thank all the seminar leaders for the MMMD course and the ASCM II courses. In addition, research preceptors for the Determinants of Community Health Course II should be praised for their guidance of these second year students. For the upcoming year, our Department will be newly involved in the ASCM I course for the first year class. We will be providing site supervisors for this introductory course in history and physical examination. There will be two head and neck sessions which will occur in January. In addition, we will host a classroom session of the OtoSim™ for the first year class. Furthermore, we will be embarking on a new second year community otolaryngology-head and neck surgery longitudinal elective course involving the community academic faculty in our department.

Videos of the OtoSim™ leaning session
http://youtu.be/8WHbeBytOTc
or abbreviated version: http://youtu.be/Wz6Jp-HMS_0

Clerkship Course
Changes for the upcoming academic year include a community otolaryngology-head & neck surgery rotation with about half the class participating. I wanted to thank all the Community Academic Faculty who agreed to be preceptors. This community initiative will include a clerkship rotation at the Mississauga Academy of Medicine. Other sites include Humber River Regional, Markham Stouffville, North York General, Scarborough Hospital, Toronto East General Hospital and William Osler Hospital (Etobicoke Site). We have had two successful faculty development sessions for the community preceptors. Other changes to the clerkship will include a half day seminar series to include a pediatric case seminar, an audiology lecture and a classroom OtoSim™ session. We will continue to improve the orientation process and observation of core clinical skills for the clerks in the upcoming academic year. I wanted to thank the Academy Site Directors (Drs. Brown, Chan, Davidson, Lee and Vescan) for all of their hard work in administering the clerkship.

Post-Clerkship Courses
I am grateful for all the excellent and dedicated work of Dr. Lee as Assistant UME Director for the post-clerkship. He has been representing our Department at the post-clerkship course committees. He did a wonderful job presenting the Fusion Course (preparatory course for the MCCQE exams) to the graduating fourth year class. I wanted to thank those preceptors who participated in the Transition to Residency Course. Our resident preceptors for the Portfolio course, Drs. Arruda and Eskander should be commended for their efforts in this course which help students learn and integrate the CanMEDS roles as student physicians.

Respectfully submitted,
Al Chiodo, MD, FRCSC
Residents
There were 26 residents and 22 clinical/research fellows enrolled in postgraduate training within our Department. Congratulations to Drs. Jennifer Guillemaud, Luke Harris, Brad Hubbard, Thileep Kandasamy and Eric Monteiro on successfully passing the Royal College Examination in Otolaryngology-Head and Neck Surgery held on May 15, 2013. Dr. Guillemaud will be undertaking a Moh’s surgery fellowship in Calgary, Dr. Hubbard will be undertaking an otology/neurotology fellowship in Toronto with Dr. Rutka, and Dr. Monteiro will be undertaking a rhinology and skull base fellowship in Toronto with Dr. Witterick. Dr. Harris has taken a Faculty position in North Bay, Ontario and Dr. Kandasamy has taken a Faculty position at North York General Hospital in Toronto.

Postgraduate
Dr. P. Campisi (Chair)
The 2012-2013 academic year has been an incredible year of transition for the Department. The Postgraduate Education program has also transitioned but remains as strong as ever thanks to our dedicated Faculty, Administrative Assistants and outstanding Residents and Fellows. This Departmental ‘Team’ has been invaluable for my first year at the helm of the Postgraduate Education program – thank you!

Residency Program Committee
A key component of the Team is the Residency Program Committee. The committee members for the 2012-2013 academic year were:
Dr. Al Chiodo – Toronto East General Hospital
Dr. Adam Toth – Mississauga Academy of Medicine
Dr. Rick Fox – St. Joseph’s Health Centre
Dr. Jeremy Freeman – Mount Sinai Hospital
Dr. Kevin Higgins – Sunnybrook Health Sciences Centre
Dr. Vincent Lin – Research Committee Representative
Drs. Jennifer Anderson and John Lee – St. Michael’s Hospital
Dr. Ralph Gilbert – University Health Network
Dr. Eric Monteiro – Chief Resident until April 30, 2013
Dr. Janet Chung – Elected Chief Resident starting April 30, 2013
Dr. Michael Sklar – PGY1
Dr. Sarah Hugh – PGY2
Dr. Vinay Fernandes – PGY3
Dr. Tulika Shinghal – PGY4
Dr. Stephen Haerle/Samip Patel – Fellow Representative
Dr. Paolo Campisi – Committee Chair, Hospital for Sick Children

The Residency Program Committee (RPC) meets monthly to discuss and monitor the educational program, develop and implement new initiatives, and most importantly, provide an opportunity for residents and fellows to actively and constructively contribute to the educational program. The RPC has been active in developing a Resident Retreat and Mentorship Program to further enhance the experience of our residents. Congratulations to all the members for their great work, in particular Dr. Eric Monteiro, for serving as an exemplary Chief Resident.

March 20, 2013 Bowling at the Ballroom in Toronto
L to R: Kayvan Nateghifard, Sarah Hugh, Edward Park, Dupe Oyewumi

April 12, 2013, Toronto Raptors 97 vs. Chicago Bulls 88
L to R: Heather Osborn, Ian Witterick, Lukas Kus, Dupe Oyewumi, Edward Park, and Sarah Hugh

Resident Selection
Year after year, the number and quality of medical student applications to our Residency Program continues to remarkably increase. The CaRMS selection process, held on February 1, 2013, included three traditional interviews, 4 multiple-mini interviews (MMIs) and a surgical skills station. The Selection Committee was made up from the interviewers. The traditional interviews were provided by Drs. Paolo Campisi, Ian Witterick, Eric Monteiro, Vinay Fernandes, Dupe Oyewumi and Sharon Cushing. The MMIs were administered by Drs. Yvonne Chan, David Pothier, Kevin Higgins and Vincent Lin. The surgical skills station was administered by Dr. Vito Forte.
We welcomed five Canadian Medical Graduates who successfully matched to our program. These were Dr. Stephen Chen, Dr. Christopher Yao and Dr. Jonathan Yip from the University of Toronto, Dr. Andrew Ma from the University of Alberta and Dr. Jason Xu from Western University.

Residency Curriculum
The Residency Core Curriculum continues to be provided over a 3-year cycle during the PGY2 to 4 years. In 2012-2013, the core topics covered were Laryngology, Pediatrics and several of the CanMEDS roles. The PGY1 residents attend weekly ‘Foundations of Surgery’ lectures and practical sessions at the University of Toronto’s Surgical Skills Centre at Mount Sinai Hospital. The PGY3 residents dedicate one month in the Department of Anatomy. This specialized program provides residents an opportunity to dissect and teach medical students head and neck anatomy. The PGY5 residents participate in a weekly Fellowship Study course provided by Faculty in preparation for the Royal College Examination.

Residents in the PGY3-5 years are required to participate in the yearly National In-Training Examination (NITE). Dr. Molly Zirkle has been the University of Toronto representative on the national committee and has contributed to the development of the examination. Dr. Zirkle has completed her term on this committee and has handed over the portfolio to Dr. Adrian James. Thank you Molly.

Each year our Faculty provides several clinical courses for the Residents and Fellows. A special thank you goes out to Dr. Jennifer Anderson (Thyroplasty course), Drs. Peter Adamson and Oakley Smith (Soft Tissue Dissection and Rhinoplasty courses), Dr. Jamil Asaria (Injectable Fillers course), Dr. Ian Witterick (Sinus Endoscopy course), Dr. David Pothier (Endoscopic Ear Surgery course), Drs. Al Chiodo, Yvonne Chan and Peter Adamson (Setting up a Practice course) and the many Faculty that contributed to the 6 Temporal Bone Dissection courses. Ms. Vicky Papaioannou has been instrumental in organizing several audiology sessions throughout the year as well as the popular ‘Audiogram of the Month’ program. There is no doubt that we have the most robust clinical teaching program in Canada!

Fellowship Programs
The Department of Otolaryngology- Head & Neck Surgery at the University of Toronto continues to be a beacon for fellowship training nationally and internationally. There were 22 fellows enrolled in clinical training in our Department for the 2012-13 academic year.

<table>
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<tr>
<th>Fellow</th>
<th>Country of Medical Training</th>
<th>Fellowship</th>
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<tbody>
<tr>
<td>Pothier, David</td>
<td>South Africa</td>
<td>Medical Neurotology/Otology</td>
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<td>Charusripan, Paninee</td>
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<tr>
<td>Sombuntham, Premusaha</td>
<td>Thailand</td>
<td>Laryngology</td>
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<tr>
<td>Nagaratnam, Shiva</td>
<td>West Indies</td>
<td>Global Health</td>
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Research
Dr. Robert V. Harrison and Dr. Vincent Lin (through the Residency Program Committee) have been instrumental in mentoring the PGY2 residents during their four-month research block. The program has been very successful in inspiring the future researchers in our medical field. Several residents are in the process of completing or commencing advanced research degrees and Clinician Investigator Programs. These are Dr. Antoine (Tony) Eskander (Masters in Clinical Epidemiology at Harvard University), Dr. Nikolaus Wolter (Masters degree, Institute of Medical Science, Clinical Investigator Program, University of Toronto), Dr. Jennifer Wang (Masters Degree, Johns Hopkins University) and Dr. Xiao Zhao (Masters Degree, Institute of Medical Science, Clinical Investigator Program, University of Toronto).

The Percy Ireland Annual Academic Day held on May 10, 2013 remains a highlight of our Department to showcase the breadth and excellence of resident research. The quality and diversity of the research projects continues to grow which demonstrates the strength of our Research Program. Each year, residents in the PGY2 to 4 years, fellows and graduate students present their research. The invited Professor that served on the judges panel was Dr. Michael G. Stewart from Weill Medical College of Cornell University. The winners of the different categories are listed in the section on Percy Ireland Day.

Research and Teaching Awards
- Dr. Vinay Fernandes was awarded first prize, Non-Clinical Category, at the Poliquin Resident Research Competition at the 2013 CSO-HNS Annual Meeting in Banff, Alberta for his work entitled “Development of an ototoxicity model in adult CBA/Cajl mouse and determination of a golden window of corticosteroid intervention for otoprotection”
- Dr. Vinay Fernandes was elected as a member to the PAIRO General Council, representing Otolaryngology and Ophthalmology for the city of Toronto.
- Dr. Xiao Zhao was awarded second prize, Non-Clinical Category, at the Poliquin Resident Research Competition at the 2013 CSO-HNS Annual Meeting in Banff, Alberta for his work entitled “The role of neural precursor cells and self-assembling peptides in nerve regeneration”
- Dr. Jennifer R. Wang was awarded second place for her poster at the 2013 Triological Society Annual Meeting at COSM titled: “Comorbidity and Performance Status are Independent Prognostic Factors in Head and Neck Squamous Cell Carcinoma Patients”.
- Dr. Eric Monteiro was recognized by his peers as the Resident Teacher of the Year
- Dr. Ian Witterick was recognized by the Residents and awarded the Resident Advocacy Award
- Dr. Ian Witterick was also awarded a major teaching award from the CSO-HNS for Educational Excellence

- Dr. Xiao Zhao received 2013-14 MOH funding for the Clinical Investigator Program (CIP).
- Dr. Nikolaus Wolter received a second year of funding from the Clinical Investigator Program

Royal College Accreditation
The Royal College of Physicians and Surgeons of Canada reviewed the University of Toronto clinical programs during the week of April 7-12, 2013. Our Department had its review and site visit on April 9, 2013. Dr. Clifford Yaffe from the University of Manitoba conducted the review. Dr. Yaffe was very impressed with our program and reported that no deficiencies were noted. This is truly exceptional as this was the conclusion from the last Royal College accreditation visit. This accomplishment deserves the acknowledgment of Dr. Ian Witterick for his excellence and commitment to the Residency Program. I am truly indebted to his contributions and mentorship during the Accreditation process. I am also truly grateful to the members of the Residency Program Committee, the Faculty, Residents, Fellows and the Administrative Assistants (Sandra Kellogg, Sonia Costantino, Audrea Martin) for their dedication and professionalism. Congratulations.

Respectfully submitted,
Paolo Campisi, MSc, MD, FRCSC, FAAP

Continuing Education and Professional Development
Dr. Y. Chan (Chair)

As I take on the new role of CEPD Director, I would like to thank my predecessor, Dr. Ian Witterick, for the many years he served in the same role, working tirelessly to build the amazing portfolio that it is today. Our Department has established a reputation of delivering world class continuing education programs under the University of Toronto brand for community and academic otolaryngologists. We are indebted to all of our faculty who volunteer their time and energy to organize the successful courses that are attended by otolaryngologists around the world. I would like to thank Dr. Vito Forte for organizing our Grand Rounds every Friday morning during the academic year. These rounds include presentations from visiting professors, guest lecturers, community and academic faculty, fellows, and residents. In the last year, we have been working on the capability to watch the Grand Rounds live or archived through the OTN (Ontario Telehealth Network) to help provide our community academic faculty easier access to these educational activities.
### Courses Organized

<table>
<thead>
<tr>
<th>Date(s)</th>
<th>Course Title (Organizers)</th>
<th>Guest Faculty/Invited Speaker(s)</th>
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</table>
| July 18-20, 2012 | Microvascular & Reconstruction Course (Drs. Ralph Gilbert, David Goldstein, Alexis Rapidis, Ian Witterick) | 1. Professor James Brown, Aintree Hospital, Liverpool, UK  
2. Dr. Douglas Chepeha, University of Michigan  
3. Dr. Greg Farwell, University of California, Davis  
4. Dr. Brett Miles, Mt. Sinai School of Medicine  
5. Dr. Sat Parmar, Queen Elizabeth Hospital, Birmingham  
6. Dr. Alexis Rapidis, University of Athens  
7. Dr. John Yoo, Western University |
| July 21-25, 2012 | 8th International Conference on Head & Neck Cancer (Dr. Jonathan Irish)                  |                                                                                                                                                               |
| October 6, 2012  | Dermoscopy Course                                                                          | Dr. Anthony Dixon, Australasian College of Cutaneous Oncology, Belmont, Australia                                                                          |
| October 12-13, 2013 | Temporal Bone & Otosurgical Course (Drs. Joseph Chen, Vincent Lin)                      | Dr. Hilary Brodie, University of California, Davis                                                                                                           |
| February 2, 2013 | 11th Annual Otolaryngology-Head & Neck Surgery Update 2013 and the OMA Annual Otolaryngology Meeting (Drs. Al Chiodo, Oakley Smith, Yvonne Chan) | 1. Dr. Roman Chaban, Toronto  
2. Dr. Kevin Fung, Western University  
3. Dr. Theresa Holler, McMaster University  
4. Dr. Philip Lai, Oakville  
5. Dr. Murad Husein, Western University  
6. Dr. Johanna MacCormick, University of Ottawa  
7. Dr. Kristian Macdonald, University of Ottawa  
8. Dr. Anthony Nichols, Western University  
9. Dr. Steve Pearlman, Columbia University  
10. Dr. Brian Rotenberg, Western University  
11. Dr. Doron Sommer, McMaster University  
12. Dr. Nick Vozoris, University of Toronto |
| April 24-25, 2013 | 3rd North American Endoscopic Ear Surgery Dissection Course (Drs. David Pothier, John Rutka) | 1. Dr. Joao F. Nogueira, Federal University of Sao Paulo, Brazil  
2. Dr. Daniele Marchioni, Universidade de Modena, Italy  
3. Dr. Miriam. Redleaf, University of Illinois at Chicago, USA |
| May 3, 2013      | 15th Annual Wharton/Elia Day (Organizers included Drs. Brian O’Sullivan, Ralph Gilbert, Patrick Gullane, Jonathan Irish) | 1. Dr. Jan Vermorken, Antwerp University Hospital, Belgium (Wharton Lecturer)  
2. Dr. Quynh-Thu Le, Stanford University (Elia Lecturer)  
3. Dr. Augustinus Bader, University Leipzig, Germany (Sullivan Lecturer) |
| May 9-10, 2013   | 22nd Annual Percy Ireland Academic Day and Dinner (Drs. Ian Witterick, Paolo Campisi)       | 1. Dr. Michael G. Stewart, Weill Cornell Medical College  
2. Dr. Wilfred Goodman (Guest of Honour)                                                                                                                     |
| May 22, 2013     | Everything you Wanted to Know About Undergraduate Teaching in Otolaryngology-Head & Neck Surgery, But Were Afraid to Ask: A guide to fitting medical students into your clinical practice (Faculty Development – Drs. Al Chiodo, Yvonne Chan) |                                                                                                                                                               |
| June 1, 2013 – February 28, 2014 | Auditory Verbal Therapy in Doha, Qatar (Dr. Arnold Noyek) |                                                                                                                                                               |
## Invited Professors

<table>
<thead>
<tr>
<th>Invited Professor</th>
<th>Date(s)</th>
<th>Title of Talk</th>
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<tr>
<td>Dr. Hilary Brodie, University of California, Davis</td>
<td>October 12, 2012</td>
<td>Temporal Bone Anatomy: A 3D Presentation</td>
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<tr>
<td>Dr. Christine Lay (Community Academic Faculty Lecture) Director, Headache Centre, Women’s College Hospital</td>
<td>October 18, 2012</td>
<td>Bothersome Headaches: Is it Sinus or Migraine?</td>
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<td>Dr. Steffen-Sebastian Bolz St. Michael’s Hospital</td>
<td>December 7, 2012</td>
<td>The Microvascular TNF alpha/Sphingosine-1-phosphate Signalling Axis as a Mechanistic and Molecular Basis for Hearing Loss</td>
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<td>Dr. Cor Cremers (The Peter &amp; Melanie Munk Lecture), Radboud University Nijmegen, The Netherlands</td>
<td>December 13, 2013</td>
<td>Congenital Middle Ear Anomalies: The Cremers Classification &amp; Outcomes of Surgery</td>
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<td>Dr. Cor Cremers (The Peter &amp; Melanie Munk Lecture), Radboud University Nijmegen, The Netherlands</td>
<td>December 14, 2013</td>
<td>25 Years’ Experience with Bone Anchored Hearing Aid Implants: Clinical Evidence &amp; the Extension of Indications</td>
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<td>Dr. David Baguley, Anglia Ruskin University, UK</td>
<td>January 10, 2013</td>
<td>Understanding Hyperacusis</td>
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<tr>
<td>Dr. David Baguley, Anglia Ruskin University, UK</td>
<td>January 11, 2013</td>
<td>Understanding and Treating Tinnitus: The New Neuroscience Paradigm</td>
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<td>Dr. Steven Pearlman (Otolaryngology Update visiting professor) Columbia University</td>
<td>February 1, 2013</td>
<td>Lessons Learned from Revision Rhinoplasty: How to Avoid it in the First Place</td>
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<td>Dr. Sharon Cushing (David Tomlinson Lecture) Hospital for Sick Children</td>
<td>February 8, 2013</td>
<td>Finding Balance - An Academic Career</td>
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<tr>
<td>Dr. Karen Gordon (Krista Riko Lecture) Hospital for Sick Children</td>
<td>February 22, 2013</td>
<td>Use it or Lose it: The Importance of Restoring Bilateral Hearing to Children with Hearing Loss</td>
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<tr>
<td>Dr. Viren Naik, University of Ottawa</td>
<td>April 12, 2013</td>
<td>Simulation to Stimulate a Competency Based Program</td>
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<tr>
<td>Dr. Alex Chiu, University of Arizona</td>
<td>April 18, 2013</td>
<td>Optimizing Results and Managing Complications of Sinus Surgery</td>
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<tr>
<td>Dr. Alex Chiu, University of Arizona</td>
<td>April 19, 2013</td>
<td>Management of the Recalcitrant FESS Patient</td>
</tr>
<tr>
<td>Dr. Tristram Lesser, University Hospital Aintree, Liverpool</td>
<td>May 23, 2013</td>
<td>Cholesteatoma: Levels of Evidence for Surgical Treatments</td>
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<tr>
<td>Dr. Tristram Lesser, University Hospital Aintree, Liverpool</td>
<td>May 24, 2013</td>
<td>Temporal Bone Cancer: The Liverpool Experience</td>
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<tr>
<td>Dr. Gregory Randolph (Binstock Lecturer), Harvard Medical School</td>
<td>June 13, 2013</td>
<td>The Detection and Treatment of Papillary Thyroid Cancer Lymph Nodes</td>
</tr>
<tr>
<td>Dr. Gregory Randolph (Binstock Lecturer), Harvard Medical School</td>
<td>June 14, 2013</td>
<td>The Future of Neural Monitoring</td>
</tr>
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International Continuing Education

The Department of Otolaryngology continues to play an increasing and effective role in international continuing medical education and facilitating Canadian influence in international development and health systems development. This is pioneered by Dr. Arnold Noyek, Director for International Continuing Medical Education for the Faculty of Medicine. Over the years, Dr. Noyek, through CISEPO, used CEPD for health as a bridge to peace and global health initiatives. The core principle has always been: Canadian umbrella, academic setting, multilateral on the ground across the Arab and Israeli divide. More recently, the University of Toronto accredited distance educational programming through video teleconferencing. The durable network of peaceful professional cooperation across the Arab and Israeli frontier has been offering increasing and regular CISEPO (www.CISEPO.ca) and Peter A. Silverman Global teleHealth programming involving Canadian, Israeli, Jordanian and Palestinian universities, teachers, residents, students, nurses and health care professionals. The Department facilitates these high impact multidisciplinary programs thus extending its own influence as an international academic and educational broker not only in advancing hearing health and other aspects of Otolaryngology but by engaging in a multidisciplinary manner with a variety of universities and health centers worldwide. This year, Dr. Noyek has planned four additional University of Toronto-Qatar courses in clinical audiology, auditory verbal therapy, vestibular rehabilitation and optometry assistant programs to run between April 2013 and December 2014.

Awards

Congratulations to Dr. Al Chiodo who won the 2012-2013 Colin R. Woolf Award for Long-Term Contributions to Continuing Education at the University of Toronto. Dr. Chiodo has been instrumental in organizing the Otolaryngology Update at the Toronto East General Hospital that has been such a success annually.

Upcoming Courses – 2013-2014 & Beyond

October 15-18, 2014: 8th International Symposium on Objective Measures in Auditory Implants, Toronto, Ontario
May 10-14, 2016: International Symposium on Cochlear Implantation in Children, Toronto, Ontario

Summary

We are committed to further establishing innovative courses for otolaryngologists, academic and community, as well as family practitioners and allied health care providers. Faculty development is an area of new opportunity for us to explore including teaching, time management, leadership training, and development of teaching dossiers for promotion application. I would like to thank Ms. Audrea Martin, our Business Officer, for her excellent support for our CEPD portfolio.

Respectfully submitted,
Yvonne Chan, MD, FRCSC, MSc, HBSc

Research Committee

Drs. R.V. Harrison (Chair)

Our departmental mission follows that of the Faculty of Medicine and thus we seek excellence in clinical practice, teaching and research. Within the department, we have clinicians, surgeon scientists and basic scientists together with numerous trainees who study all aspects of research under the umbrella of Otolaryngology- HNS. Clinically related research is largely carried out by our otolaryngologists in their various subspecialties, often in association with other health care professionals. We also have some full-time scientists who interact extensively with our clinicians in translational studies, and are also involved in basic aspects of science relating to otolaryngology. The diagram below shows the research teams that work within the umbrella of our department.

Our research committee has been structured to represent clinical and basic research in most of the sub-specialty areas in the department. This past year the committee has been: Bob Harrison (Chair), Sharon Abel, Blake Papsin, Karen Gordon, Suzanne Kamel-Reid, Fei-Fei Liu, David Goldstein and Jim Haight. I would like to thank these individuals for their participation over the past few years. As will be evident from the “research teams” diagram on the next page, there...
have been some new recruits and some retirements from our department, and accordingly some modifications to our research enterprise. We are working on some new terms of reference and responsibilities for a newly structured departmental research committee (stay posted). As usual, the past year has seen an outstanding annual academic (Percy Ireland) day, where the focus of attention is on both clinical trainees’ research during residency or fellowship, as well as graduate students in basic science labs. We have also held an excellent research evening in which we attempted to provide an overview of as many of the research activities in the department as possible. It always turns out to be an impossible task to cover, in any depth, all the research initiatives that we have in the department.

This past year has seen the start to, or the fruition of, many new research initiatives, and we continue to steadily improve our research productivity. The graph below indicates the number of peer-reviewed publications that we have had for each of the past 8 years.
DEPARTMENT OF OTOLARYNGOLOGY - HEAD & NECK SURGERY

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By all measures of research productivity, we continue to go from strength to strength, and are definitely fulfilling the research mission of the University of Toronto Faculty of Medicine. Well done to all those who have contributed to the success of our Department!

Respectfully submitted,
Robert V. Harrison, PhD, DSc

Audiology Committee Report
Vicky Papaioannou (Chair)

The Audiology Committee continues to play an active role in research, undergraduate and postgraduate education, and continuing medical education within the Department. With respect to education, members of the Audiology Committee provided audiology teaching as part of the Otolaryngology curriculum for undergraduate medical students. This same group also participated in hearing screening at several different Toronto elementary schools through the Kids2Hear Program. The core lecture series for the otolaryngology residents took place in the fall of 2012. “Audiogram of the Month” continued this year allowing residents more regular experience interpreting audiograms. Most exciting was the renaming of the annual Grand Rounds Audiology Lecture to “The Krista Riko Lecture”. Karen Gordon was the inaugural Krista Riko lecturer as she discussed: Use or Lose It: The importance of restoring bilateral hearing to children with hearing loss.

The Audiology Committee welcomed cognitive and behavioural neuroscientist and tinnitus specialist Professor David Baguley in 2013. This lecture was a joint effort between the Audiology Committee and Dr. John Rutka. Professor Baguley’s workshop entitled Sound Therapy for Tinnitus: Past, present, and future was attended by U of T and community audiologists, residents, researchers and otolaryngologists.

The Audiology Committee held its annual meeting at The Hospital for Sick Children in the fall of 2012. Various topics of interest were discussed such as content of the undergraduate and core lecture series as well as the Kids2Hear Program and Audiogram of the Month.

The Audiology Committee members for the 2012-2013 academic year were:

Hospital for Sick Children
Susan Druker
Karen Gordon
Gina Goulding
Laurie MacDonald
Vicky Papaioannou (Chair)

Mount Sinai Hospital
Ida Bennett
Dana Parker
Nadia Sandor
Eloise Thurier
Erica Wong
Jill Witte

Sunnybrook Health Science Centre
Julija Adamonis
Lendra Friesen
David Shipp
Kari Smilsky
Ken Williams

University Health Network
Maxine Armstrong

Respectfully submitted,
Vicky Papaioannou, MCISc
The Departmental Appointments Committee (DAC) was established in all clinical departments under the directive of the Dean of Medicine, University of Toronto. The DAC has the following mandates: i) ensure consistent and appropriate appointment processes to the Department of Otolaryngology-Head and Neck Surgery; ii) conduct the performance review (the usual probationary period prior to a continuing annual appointment is three years, but may be extended for up to two years) of all Full Time appointments in accordance with the Procedures Manual for Clinical Faculty.

The DAC provides advice to the Chair and Hospital Chiefs regarding all initial part-time and full-time appointments, all adjunct appointments and conducts a performance review of all Full-time academic appointments at the end of the probationary period.

The Committee is active and has two planned meetings annually (November and February) with other meetings scheduled as necessary.

The Departmental Advisory Committee has made the following directives to the Chair of the Department for the 2012-13 academic year (July 2012 to June 2013):
- Approval of Probationary Term Reviews: Dr. Danny Enepekides and Dr. John Lee
- Approval of New Full Time Faculty Appointments: Dr. John de Almeida and Dr. David Pothier
- Approval of New Clinical Adjunct Faculty Appointments at the rank of Lecturer: Dr. Nitin Chauhan, Dr. Basil Hassouneh, Dr. Ambrose Lee, Dr. Nadarajah Sanjeevan, and Dr. Raewyn Seaberg
- Approval of Full Time Faculty Promotions from Lecturer to Assistant Professor: Dr. John Lee
- Approval of New Status Only Faculty: none

Respectfully submitted,
Jonathan Irish, MD, MSc, FRCSC, FACS

Promotions Committee
Drs. R.V. Harrison (Chair)

The Departmental Promotions Committee reflects the full range of subspecialty interests in Otolaryngology-Head and Neck Surgery. All members of this committee are at the rank of full professor. In the past year the promotions committee has been: Bob Harrison (Chair), Ralph Gilbert, Peter Adamson, Vito Forte, Jonathan Irish, Blake Papsin and Pat Gullane. Ian Witterick is ex officio on the committee.

“Promotion through the ranks” at the University of Toronto is an important marker of the academic achievements of our departmental members. In the Faculty of Medicine the standards and criteria for promotion are high. In a clinical department such as ours, promotion is often not just based on research and teaching as it is in science departments, but rather on a range of contributions to the training of the next generation of clinicians. Research and contributions to teaching are important, but so are being a clinical role model and pursuing excellence in clinical practice.

The role of our Departmental Promotions Committee is to assess and recommend promotion candidates to our Chair and to the Dean. Our committee also assists the candidates to prepare documentation and coordinates external and internal peer reviews. Our committee does not award promotion, but decides who is eligible for consideration by the Decanal Committee of the Faculty of Medicine.

Respectfully submitted,
Robert V. Harrison, PhD, DSc
The Budget Advisory Committee meets one to two times each academic year. The committee helps guide the Chair in appropriately monitoring the financial affairs of the department, particularly related to academic stipends.

Respectfully submitted,
Ian J. Witterick, MD, MSc, FRCSC

The membership of this group of faculty has increased significantly in the last 3 years as new graduates are recruited as well as the establishment of the Mississauga Academy of Medicine (MAM). As undergraduate medical education in our specialty expands, Dr. Al Chiodo has also reached out to recruit new clinical teachers at our community partner sites across the GTA.

The Community Academic Faculty continues to play an active role in all levels of education and research within the department. At the undergraduate level, clinical teachers at the MAM are actively involved in the Arts & Science of Clinical Medicine teaching and are preparing for the arrival of clerks this upcoming academic year. Medical students are also being supervised by our community faculty during clinical observations, both pre-clerkship and clerkship. At the post-graduate education level, trainees continue to rotate through Toronto East General Hospital, North York General Hospital, St. Joseph's Health Centre, and the Trillium Health Partners. PGY4 residents have a one-month rotation in Facial Plastic Surgery with Drs. Peter Adamson, Jamil Asaria, Kris Conrad, David Ellis, Andres Gantous, Richard Rival, and Philip Solomon. In addition to residency training, world renowned fellowships in Facial Plastic Surgery are offered by Drs. Adamson, Ellis, and Conrad.

Our Community Academic Faculty is involved in Continuing Education & Professional Development for practicing otolaryngologists. We sponsored an excellent lecture "Bothersome Headaches – Is it Sinus or Migraine?" by Dr. Christine Lay, Director of the Centre for Headache at Women's College Hospital. We were involved in the planning and sponsorship of the successful 11th Annual Otolaryngology Update in February 2013 at the Toronto East General Hospital. Again, it was extremely well attended and highly rated by otolaryngologists across Ontario.

The Distinguished Alumnus Award this year was presented at the Percy Ireland Day in May 2013. This award is presented to an Alumnus of the University of Toronto's Otolaryngology-Head & Neck Surgery program and whose professional and ethical standard have been of the highest order. This year’s award was presented to Dr. Oakley Smith.

As the membership of this division grows, we will continue to make a strong contribution to both clinical and basic science research and all levels of education through publications, invited lectures, and visiting professorships.

Respectfully submitted,
Yvonne Chan, MD, FRCSC, MSc HBSc
Advancement
Dr. P. Gullane (Chair)

Dr. Raymond Ng has made a generous gift of $100,000 to the University of Toronto in order to create two endowed funds for the benefit of the University of Toronto's student award program in the Faculty of Medicine's Department of Otolaryngology-Head & Neck Surgery.

The first award will be named, subject to approval in accordance with the University of Toronto Policy on Naming, the Dr. Raymond H. W. Ng PhD Award. In recognition of this important initiative, an endowed amount of $50,000 will be matched through the Provost's PhD Enhancement Fund. The combined $100,000 endowment will be used to create an award for PhD students studying in the Department of Otolaryngology-Head & Neck Surgery.

The second award will be named, subject to approval in accordance with the University of Toronto Policy on Naming, the Dr. Raymond H. W. Ng Graduate Award at the University of Toronto. In recognition of this important initiative, an endowed amount of $50,000 will be matched by the Dean's Office in the Faculty of Medicine. The combined $100,000 endowment will be used to create an award for MSc students studying in the Department of Otolaryngology-Head & Neck Surgery.

The Department raised $30,000 through a generous donation from Mr. Mark Daniels to fund two new microscopes for the University of Toronto Surgical Skills Centre housed at Mount Sinai Hospital.

In addition, the Da Vinci Gala for Thyroid Cancer Care and Research held on May 29, 2013 raised funds in support of The Joseph & Mildred Sonshine Family Centre for Head and Neck Diseases at Mount Sinai Hospital.

A fundraiser organized by Dr. Jeremy Freeman and Mr. Aaron Barberian was held on May 22, 2013 facilitated by the MSH Foundation. The inaugural Harry Barberian Memorial Dinner was to honor Mr. Harry Barberian, an iconic restaurateur in Toronto. The family of the late Mr. Harry Barberian were most grateful to Dr. Freeman for his exemplary care. The Master of Ceremony was Mr. Ben Mulroney and the Guest Speaker was Mr. Darryl Sittler. Proceeds from the event will go towards helping fund resident and faculty research in the department.

Jeremy Freeman, Daryl Sittler and Ian Witterick, Harry Barberian Memorial Dinner

Respectfully submitted,
Patrick J. Gullane, CM, MB, FRCSC, FACS, Hon-FRACS, Hon-FRCS, Hon-FRCSI
The Division of Head and Neck Oncology at the University of Toronto continues to have an extremely productive clinical and academic program which are located at three sites. The Princess Margaret/UHN site with surgical services at the Toronto General Hospital, Princess Margaret/Mt. Sinai site with surgical services at Mt. Sinai Hospital and the Sunnybrook/Odette site with surgical services at Sunnybrook Health Sciences Centre.

The division directs an American Head and Neck Society Advanced Training Fellowship under the leadership of Dr. Jeremy Freeman. This highly sought after fellowship program with six clinical rotations and one research position, draws applicants from around the world and develops and trains the future leaders of our sub-specialty.

The PMH/UHN site provides tertiary/quaternary services in Head and Neck Oncology within the largest regional program in Canada. The PMH/UHN site provides a complete spectrum of head and neck services including endocrine, microvascular surgery and minimally invasive approaches including robotics.

The Departments at UHN and Mt. Sinai are pleased to welcome Dr. John de Almeida to our group. John will join our H&N program and Microvascular Group and will lead the development of our Robotics Program.

This year saw the opening our new Guided Therapeutics Operating Room. This state of the art operating room was developed under Dr. Jonathan Irish’s leadership and vision and will create a unique research platform for developing new approaches in Head and Neck Surgery.

The PMH/UHN program has a strong multidisciplinary translational program, with four core labs focused on different aspects of Head and Neck Oncology. This program has been strongly supported by the PMH Foundation with key donations from the Wharton and Mr. Joe Findlay endowments.

The PMH/Mt. Sinai site continues to offer tertiary/quaternary Head and Neck Services with an internationally acclaimed program in endocrine oncology. Drs. Witterick, Vescan and de Almeida in collaboration with the UHN neurosurgery group provide a world-class program in MIS skull base surgery at Mt. Sinai Hospital and the Toronto Western Hospital. The Mt. Sinai site has an active and extremely productive molecular oncology program in endocrine and oral cancer.

The Sunnybrook/Odette Site offers tertiary/quaternary Head and Neck Oncology Services including endocrine and microvascular surgery. The group at Sunnybrook also has a major presence in the Odette multidisciplinary Skin Malignancy Site Group. Dr. Danny Enepekides is the Site Chair for Head and Neck at Sunnybrook. The Group continues to collaborate with the UHN group and has an active research program in molecular imaging and outcomes research.

The University of Toronto Head and Neck Division had a very productive academic year. Our collaboration with Memorial Sloan-Kettering Cancer Center in New York and the MD Anderson Cancer Center in Houston in presenting the annual Current Concepts Meeting continues and involves a broad spectrum of our faculty. Our Division was invited by the International Academy of Oral Oncology to present a panel on Oropharyngeal Cancer at this year’s meeting in Rhodes, Greece and were represented by Drs. Enepekides, Gilbert, Gullane, Higgins and Witterick.

The Division’s staff continues to be highly sought after speakers with presentations in the past year at a number of high profile Head and Neck meetings including; ASCO, IFOS, COSM, AHNS, BACO and the North American Skull Base Meeting.

The Division continues to thrive providing world class clinical programs to the local region and province. The Division through its academic programs continues to have a national and international presence providing leadership in advanced head and neck training and improving the care and survival for patients afflicted with head and neck malignancies.

Respectfully submitted,
Ralph Gilbert, MD, FRCSC
ANNUAL REPORT 2012-2013

Division of Facial Plastic Reconstructive Surgery
Dr. P. Adamson (Chair)

This is the fourth annual report for our Division, and I am pleased to note we have 17 contributing members. To each of them I extend my appreciation and gratitude for their contributions to teaching, publication, humanitarian activities and administrative support. They include Drs. Jamil Asaria, Michael Brandt, Krzysztof Conrad, David Ellis, Danny Enepekides, Andres Gantous, Ralph Gilbert, David Goldstein, Kevin Higgins, William Middleton, Robert Mounsey, Xerxes Punthakee, Richard Rival, Oakley Smith, Phil Solomon, Cory Torgerson and the undersigned. At the outset, I also would like to recognize, and thank on behalf of all members of our Division, Dr. Witterick as our Chair. He, assisted by our dedicated administrative staff of Sonia Costantino, Sandra Kellogg and Audrea Martin, continue to provide advice and support that ensure our success.

Teaching courses
In conjunction with Drs. Witterick and Campisi and staff at the Mount Sinai Hospital Surgical Skills Laboratory, we developed three courses this year.

Our Soft Tissue Dissection Course for our residents, directed by Dr. Oakley Smith assisted by Drs. Andres Gantous and Peter Adamson, was held on December 2, 2012. This course provided our residents hands-on experience to practise surgical scar revision and flap techniques on pork bellies.

On January 31, 2013, Dr. Jamil Asaria directed and demonstrated soft tissue filler and neuromodulator injection techniques at our second annual Injectables course for residents and fellows. Other presenters included Drs. David Ellis, Richard Rival, Cory Torgerson and Peter Adamson. The event was made possible through an unrestricted educational grant from Merz Pharmaceuticals.

A significant number of our faculty are participating in undergraduate medical teaching. Drs. Conrad, Ellis, Rival, Solomon and Adamson are also providing PGY 4 one-month rotations in facial plastic and reconstructive surgery. Both faculty and residents are expressing an interest in further developing this rotation.

Drs. Adamson and Ellis continue to have fellowships under the aegis of the American Academy of Facial Plastic and Reconstructive Surgery. Dr. Adamson’s fellow, Dr. Alyn Kim, and Dr. Ellis’s fellow, Dr. Jamie Bonaparte, also took the opportunity to observe and operate with Drs. Asaria, Gantous and Smith in addition to other local academic surgeons in plastic, oculoplastic and Moh’s reconstructive surgery. Dr. Bonaparte was awarded the Krzysztof Conrad Award in Facial Plastic Surgery. Dr. Conrad also had a clinical fellow under the auspices of our University of Toronto Department, Dr. Thiru Siva.

On February 1 and 2, 2013, our Division and Department hosted Dr. Stephen Pearlman, Clinical Associate Professor at Columbia University in New York City. He spoke on rhinoplasty at Grand Rounds and was the guest lecturer for our department’s Otolaryngology Update meeting.

A significant number of our faculty helped prepare our PGY 5 residents for the Royal College examinations with presentations, while Drs. Jamil Asaria, Alyn Kim, Richard Rival, Oakley Smith and Peter Adamson engaged the residents in mock oral examinations. Dr. Adamson also gave the residents and fellows a lecture on Tools for Professional Development.

The majority of our members had peer-review, book chapter or journal publications, and a number were active in national and international lecturing. Dr. Brandt gave lectures at the Head and Neck Surgery Review Course in Halifax, while Dr. Gantous received the honour of being the DMES Excellence in Clinical Teaching Award recipient for PGME at St. Joseph’s Hospital. Dr. Michael Brandt received a $28,500 Western research scholarship to validate his scar assessment scale.

Association activities
Many of our members are playing active roles in local, national and international associations and boards. In particular, both Drs. Ellis and Torgerson continued their committee work at the College of Physicians and Surgeons of Ontario in peer review capacities. Several of our members are also active on committees in the Canadian Society of Otolaryngology – Head and Neck Surgery.
Adamson, Asaria, Brandt, Ellis and Mounsey were active in committee work and senior advisory positions at the American Academy of Facial Plastic and Reconstructive Surgery and the American Board of Facial Plastic and Reconstructive Surgery. Drs. Asaria and Mounsey acted as proctors for the ABFPRS examination in Washington, DC. Dr. Ellis is a representative to the International Federation of Facial Plastic and Reconstructive Surgery. Dr. Adamson continued his role as President of the International Board for Certification in Facial Plastic and Reconstructive Surgery.

Humanitarian activities
Dr. Adamson, as President of the Face the Future™ Foundation, led three surgical missions of international surgeons to Ekaterinburg, Russia, Ulyanovsk, Russia, and Kigali, Rwanda. One of our PGY 4 residents, Dr. Janet Chung, participated in the Ulyanovsk mission, this made possible through the support of our Department.

Dr. Robert Mounsey is currently developing a program to assist women suffering from domestic abuse who have suffered facial injuries.

Future directions
The Department is just completing a strategic planning review, which our Division contributed to through consensus opinions generated by our faculty and submitted by Dr. Adamson in his report to the Planning Committee. Our Division goals continue to be to enhance the academic teaching of facial plastic and reconstructive surgery for undergraduate, postgraduate and fellow students. Currently this is primarily being accomplished outside of the “downtown” teaching hospitals in offices and clinics. We are still pursuing the addition of one or two full-time academic facial plastic and reconstructive surgeons in hospital-based practices. We are exploring ways to increase the presence of academic facial plastic surgery in the teaching hospitals, especially considering the exceptionally experienced senior and fellowship-trained facial plastic surgeons we have in our Division. We are discussing ways to further enhance the training experience we can provide our residents and are encouraging our faculty to publish and present. It is hoped that more residents may be encouraged to participate in humanitarian activities, and our Division looks forward to assisting with plans for enhanced Department development.

As Division Head, I am privileged to be supported by an active and enthusiastic faculty who increasingly embrace the academic mission of our Department. This report can recognize only in a small way the substantial ongoing contributions, for which I am most grateful. Together we plan to build on our current foundation as we pursue the goals defined by our recent Departmental Strategic Plan.

Respectfully submitted,
Peter A. Adamson, MD, FRCSC, FACS

Hospital Reports

University Health Network
Dr. Ralph Gilbert

This academic year has been a major transition for the department with Dr. Patrick Gullane stepping down as Otolaryngologist-in-Chief after twenty-four years of remarkable leadership, passion and commitment to the department. Dr. Ralph Gilbert has been appointed as the new Otolaryngologist-in-Chief.

The Department is pleased to announce the appointment of two new recruits. Dr. John de Almeida joins as a joint appointment with Mt. Sinai Hospital. John is a graduate of our residency program and has completed two fellowships. He spent his first year at Mt Sinai in New York under the direction of Dr. Eric Genden, developing his skills in Head and Neck Oncology, Microvascular Surgery and Robotic Surgery. John did his second year at the University of Pittsburgh under the direction of Dr. Carl Snyderman developing his skills in Endoscopic Skull Base Surgery. John will be joining our Multidisciplinary Head and Neck Program, and leading the implementation of our robotic surgery program.

The second appointment is Dr. David Pothier. David is well known to the University Department having been in a fellowship role for a number of years. David will be joining Dr. John Rutka in our neuro-otolology and vestibular group with a major commitment to innovation in technology development in vestibular and hearing disorders. David has advanced skills in minimally invasive ear surgery and will further develop this program in our institution.

The Head and Neck Group including Drs. Brown, Gullane, Gilbert, Goldstein, and Irish continues to be extremely productive both clinically and academically. All the members of the Group are highly sought after speakers, with presentations in the last year at ASCO, IFHNOS, IAOO, COSM, AHNS, North American Skull Base, and BACO. The faculty is a major contributor to the PMH Head and Neck Site Group Translational Program.

Under Dr. Irish’s leadership this year saw the opening of the new Guided Therapeutics Operating Room (GTX OR) at the Toronto General Hospital. This research operating room has the latest technology in image guidance including a robotic
cone-beam CT and a dual source CT scanner. The GTX OR will provide enormous academic opportunities for the department.

The department continues to be indebted to our support staff, directed by our Department Manager Jamie Chong and looks forward to another productive year.

Mt. Sinai Hospital
Dr. Ian Witterick

Dr. Ian Witterick was appointed as Chief of the Mount Sinai Hospital (MSH) Department on July 1, 2012 after the exceptionally successful ten-year term of Dr. Jeremy Freeman. Dr. Freeman remains very active in the department as the MSH representative on the Executive Committee, Residency Program Committee, Budget Committee and the Departmental Appointments Committee. In addition, Dr. Freeman directs the Head & Neck Oncology Fellowship Program for the University Department. Dr. Allan Vescan runs the Undergraduate Medical Education (UME) portfolio in addition to being the Assistant Director of UME (pre-clerkship) for the University Department.

Dr. Jerry Chapnik remains very active in the ambulatory clinic and is the most highly rated teacher by medical students in the department. Dr. Arnold Noyek remains active seeing patients at Baycrest. New adjunct clinical faculty working part-time at MSH are Dr. Nitin Chauhan, Dr. Xerxes Punthakee and Dr. Raewyn Seaberg. Dr. Jacob Friedberg, Dr. Kris Conrad and Dr. Bill El Masri remain active and on our MSH faculty. Dr. Yvonne Chan runs the Mouth Clinic one to two times per month with Dr. Iona Leong from the Dental Department. Dr. Manish Shah and Dr. Taryn Davids run several Laryngology and Voice Clinics each month with our speech language pathologist, Mr. Tim Poon. Endocrinology clinics are run by Dr. Paul Walfish, Dr. Phil Segal and the newest addition, Dr. Afshan Zahedi. Dr. Walfish and Dr. Ranju Rathn PhD run a very active basic science laboratory studying oral cancer and thyroid cancer (see details in the MSH research report). We would like to welcome our newest faculty member as of June 2013, Dr. John de Almeida whose primary office is at the University Health Network (UHN) but he is cross appointed to MSH. Dr. de Almeida has regular operating room time at MSH and will also assist with many of the microvascular reconstructions for other surgeons.

All ambulatory clinics are run out of two sites on the fourth floor at MSH. The pre-existing clinic in Room 401 and the newer Joseph and Mildred Sonshine Family Centre for Head & Neck Diseases in Room 413. We have fantastic audiologic and vestibular testing facilities and support at MSH on the 4th floor as well as a larger clinical testing area and hearing aid dispensary on the 2nd floor at MSH. The internationally acclaimed infant hearing screening program is housed in the 2nd floor facility. Drs. Witterick and Freeman continue to attend multidisciplinary head and neck oncology clinics at Princess Margaret Cancer Centre. Drs. Vescan and Witterick actively collaborate and operate with the skull base neurosurgeons (Drs. Gentili and Zadeh) at UHN (Toronto Western Site) with open and complex endoscopic skull base resections and repairs. Dr. de Almeida will be joining this collaboration.

Ms. Krista Riko, Director of Audiology at MSH retired on August 30, 2012 after almost 30 years of service to MSH and the University. Her willingness to help, ready smile and significant expertise are missed. In honour of her significant contributions to MSH and the University Department, one Grand Round each year will be designated as the “Krista Riko Lecture” and devoted to a topic related to audiology.

As mentioned in the Chair’s Report, Dr. Arnold Noyek was named as an Officer of the Order of Canada “for his dedication to helping those with hearing loss and for his contributions to peace through health care partnerships in the Middle East”. Dr. Noyek has been a passionate advocate about building trust and confidence through Middle East health care partnerships and peaceful professional cooperation.

Dr. Ian Witterick received the Canadian Society of Otolaryngology-Head & Neck Surgery’s Educational Excellence Award which is “intended to honour an individual who has made a significant impact in the area of medical education at a national or international level”. He also received the Resident Advocacy Award “in recognition of dedication to improving the residency program through support and mentorship”.

Dr. Jeremy Freeman was honored on April 29, 2013 for his long years of service to MSH and in particular his ten year term as Otolaryngologist-in-Chief (see details in the Chairs report and the Spring/Summer issue 2013 of our Newsletter). MSH recently received the highest level of accreditation from Accreditation Canada. Several Leading Practices were identified including two associated with our department. These were: 1) Intraoperative parathyroid hormone testing used to rapidly measure the completeness of surgical removal; and 2) Management of hyperparathyroidism and multidisciplinary approach to thyroid cancers.

MSH continues to be a very popular rotation for residents and fellows. Generally the department has 2-3 University of Toronto Otolaryngology-HNS residents at any given time. In
the 2012-13 academic year, there were two Head & Neck Oncology fellows who worked with Dr. Freeman (Dr. Matthew Magarey from Australia - July 1 to December 31, 2012 and Dr. Dev Kamdar from the United States – January 1 to June 30, 2013). There was one clinical Rhinology and Skull Base Fellow working with Drs. Witterick and Vescan (Dr. Chris Dhepnorrarat from Australia – July 1, 2012 to June 30, 2013) and one research fellow (Dr. Cassiana Hurtet Abreu from Brazil – March 2013 to present).

In addition to the usual complement of University of Toronto medical students, residents and fellows being taught in the department, we also saw an almost continuous stream of elective medical students, family practice residents, otolaryngology-hns residents from other programs, observers and visiting scholars.

Dr. Freeman is an international authority on endocrine oncology amongst other things. He has organized numerous courses and is the main person coordinating the 2nd World Congress on Thyroid Cancer in July 2013 which is expected to have over 1000 attendees. Dr. Vescan will soon be completing his Masters Degree through the Institute of Medical Science at the University of Toronto. New operating room facilities have been designed and are anticipated to be functional within the next two to three years (stay tuned).

The department has been active in fundraising. In particular, Dr. Freeman and the MSH Foundation, along with a grateful family led by Mr. Aaron Barberian, organized a wonderful dinner honoring one of Dr. Freeman’s former patients, Mr. Harry Barberian. The inaugural Harry Barberian Memorial Dinner was held on May 22, 2013 and raised over $50,000 to help support the research of our junior faculty and residents across the University Department. We hope to make this an annual event. Dr. Greg Randolph from Harvard University was the Eleventh Annual Morley Binstock University of Toronto/Mount Sinai Hospital Lecturer in Head and Neck Oncology and Visiting Professor, Department of Otolaryngology – Head and Neck Surgery, University of Toronto held on June 13 -14, 2013. The Chapnik, Freeman and Friedberg Scholarship Award (valued at over $15,000 per annum) was awarded to Dr. Xiao Zhao (PGY3) for the 2013-14 academic year. The Kris Conrad Merit Award in Facial Plastic Surgery funded each year by Dr. Conrad was awarded to Dr. James P. Bonaparte. The Resident Teacher of the Year Award funded by Dr. Witterick was awarded to Dr. Eric Monteiro.

The Albert Latner Family established the Temmy Latner/Dynacare Chair in Head and Neck Oncology many years ago and is held by Dr. Freeman. The Chair has supported and continues to support so many education and research projects in the department. Other very significant contributors to the department include the Frederic Waks Family, the Joseph Sonshine Family and the Freeman Family. Dr. Walfish is the Alex and Simona Shnaider Research Chair in Thyroid Oncology and since 2006, he has been the principal organizer and Co-Chair of the Annual Mount Sinai Hospital Da Vinci Gala for thyroid cancer care and research in support of the Joseph and Mildred Sonshine Family Centre for Head and Neck Diseases at MSH. This year, the honorees were Michael & Grace DeGasperis. There were over 800 in attendance at the May 29, 2013 event and many hundreds of thousands of dollars was raised for thyroid cancer care and research at MSH.

Through hospital support and a generous donation from the Arnold M. Noyek Legacy Fund, we are redesigning a space in the department to house an interactive TeleHealth communications facility to be able to bridge small conferences and rounds with other centres around the world. The conference room should be completed in the fall of 2013 and we look forward to having this as a general resource for MSH and University Department faculty and trainees.

Ms. Caroline Prato continues to run our department in an exemplary fashion as our Business Manager. We are indebted to all of our administrative and nursing staff who keep our hospital department running so efficiently. The Mount Sinai Hospital CEO, Mr. Joseph Mapa and the Vice President Medical Affairs, Dr. Maureen Shandling continue to be very supportive of our exceptional department.

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The Hospital for Sick Children
Dr. Blake Papsin

The Hospital for Sick Children has had a wonderful year and the departmental staff continues to be active clinically and dedicated to the academic agenda. There has been a change in leadership as after a decade of solid leadership Vito Forte has relinquished his duties as departmental leader and passed the torch to Blake Papsin. The focus under Blake will presumably remain on provision of excellent clinical care, academic leadership and education of trainees.

The department remains very strong and has embraced the educational mission most avidly. The educational portfolio (postgraduate, undergraduate and fellowship) was assumed by Evan Propst and he has organized exhaustive curricula for all levels of trainees. In addition, he has produced a handbook for trainees which will likely be duplicated at other teaching sites within our department. His clinical
and basic science work in the airway has resulted in a number of publications most notably, a published book on teaching airway surgical technique in the animal laboratory. All departmental members have dedicated themselves to educating students at all levels and a special note must be made of the OtoSim™ device developed by Drs. Forte and Campisi, which continues to be developed and employed to educate students locally, nationally and internationally.

Dr. Campisi has become our University Department’s Postgraduate Program Director in addition to serving as the President of our Hospital’s Medical and Dental Society. Dr. James has increasingly become recognized as a leader in the field of middle ear disease in children and is in demand as a teacher and speaker on this subject. He has organized a pediatric temporal bone course in August 2013 which is amongst the first of its kind internationally. Dr. Cushing has continued to develop an internationally recognized vestibular program at the Hospital that has served as a basis for research, clinical care, as well as teaching. She has co-authored a textbook on vestibular disorders in children which has been fantastically received. She became the Director of the Cochlear Implant Team as well in July of 2013.

**St. Michael’s Hospital**

*Dr. Jennifer Anderson*

The Otolaryngology-Head & Neck Surgery clinic has been undergoing renovations during the past year and the clinic moved into the new examination space and nursing station in March of this year. The space is designed to maximize patient flow as we have close to 25,000 patient visits per year through the clinic. The new space has nine examination rooms of which three are procedure rooms. The addition of three new endoscopy towers with state of the art ‘chip tip’ endoscopes was a much needed upgrade for patient examination. These changes have made a distinct favourable impact on patient wait and cycle time through the clinic.

The audiology services and hearing aid dispensary is staffed by three audiologists and has moved into a newly renovated dispensary /office space with additional new audiometry equipment.

The voice laboratory continues to support clinical research as well contribute to education hosting speech pathology students, music students as well as resident trainees from our department in a variety of activities. Two experienced speech language pathologists; Marta DeLuca (also a mezzo soprano) and Gwen Merrick (recently certified Gestalt psychotherapist) are valued members of the department and participate in multidisciplinary assessments, provide therapy and assist in research data collection.

The nasal airflow/rhinology lab is awaiting Health Canada approval of new rhinomanometric equipment which is anticipated to be in place by the fall of 2013. Dr John Lee is leading rhinology research at St. Michael’s Hospital and will be directing the laboratory. The department consists of four full-time staff, and six-part time otolaryngologists. We are fortunate that two of our staff have leadership positions in Undergraduate Medical Education. Dr Molly Zirkle is the Fitzgerald Academy Director overseeing all undergraduate trainees at St. Michael’s Hospital and Dr. Al Chiody is the University of Toronto Undergraduate Director for the Department of Otolaryngology-HNS. Other educational activities at St. Michael’s involve both lectures and workshops held in The Voice Clinic for graduate students from the Department of Speech Language Pathology and from the Faculty of Music.

St. Michael’s Hospital is in the midst of a $150M major fundraising campaign called “St. Michael’s 3.0” which is to raise funds for a new patient care tower on the corner of Queen and Victoria. This tower will house new operating rooms, critical units and several in patient clinical care areas.

**Sunnybrook Health Sciences Centre**

*Dr. Joseph Chen*

The Sunnybrook Otolaryngology-HNS department remains extremely active over the past year. The Inner Ear initiative, in support of our three labs, continues to move forward with a fundraising target of $10M.

The department is also supporting two research coordinators to help with clinical trials and database management in Otology and H&N Surgery.

In the past year, the highlights for the otology section are as follows:
Awards
The 2016 International Symposium on Cochlear Implantation and Other Implantable Prosthesis was awarded to the University of Toronto by the American Cochlear Implant (ACI) Group. The bid was led by Drs. Nedzelski, Chen and Lin. Sunnybrook and Sick Kids will play host to this prestigious conference.


Grants
Alain Dabdoub PhD: Hearing Foundation of Canada Research Grant-June 2014 ($25,000)- Atoh1 Differential Expression in Adult Murine Tissue.


Events
CEPD Course: Temporal Bone Dissection Course (Oct 11-14, 2012).

Clinical activity
1. Drs. V. Lin and J. Chen are performing the Med-El BoneBridge Implantation in a group of 20 subjects with single sided deafness and maximal conductive hearing loss. This series will represent the first such cohort in North America with both clinical and quality of life data
2. Dr. Chen performed the first Auditory Brainstem Implantation in a non-tumor subject with the new generation Med-El ABI device
3. Dr. Christoph Arnoldner had an excellent year and he successfully completed his clinical fellowship in Otology and Skull Base Surgery. He has returned to the University of Vienna. We expect him to assume a leadership position in the near future
4. Dr. Jafri Kuthubutheen worked diligently as a research fellow and will continue on as our clinical fellow in 2013-14. He has been highly productive in research; he gave 7 oral presentations and 3 poster presentations in 5 national and international meetings
5. The implant group continues to work with industry in feasibility and clinical trials on the following topics: i) Lead, Med-EL Canadian Hearing Preservation Trial using both the Flex28 and Flex31 Electrodes; ii) Our pre-operative corticosteroid hearing preservation dosing regimen trial; iii) We are continuing our collaboration with the Department of Neurology in the development and validation of the Hearing Impaired Montreal Cognitive Assessment. The pilot data was presented at the International Cochlear Implant Meeting in Baltimore, Maryland.

St. Joseph’s Health Centre
Dr. Rick Fox
The Division of Otolaryngology–Head and Neck Surgery at St. Joseph’s Health Centre (SJHC) is staffed by six otolaryngologists with special interest and expertise in neuro-otology, rhinology, facial plastic and reconstructive surgery, pediatric otolaryngology, and endocrine surgery.

Faculty members are Drs. Rick Fox, Andres Gantous, Michael Hawke, Robert Josephson, Jack Kolenda and Ian Witterick. All members of the faculty hold appointments with the University of Toronto.

SJHC has maintained its tradition as a leader in the surgical and medical management of sinus and nasal disease.
There are frequent visits to the operating room to observe advanced sinus, rhinological, facial plastic and reconstructive techniques. Staff is involved with teaching University Sinus and Temporal Bone courses, as well as resident preparation for Royal College exams.

Dr. Gantous was awarded the SJHC Department of Medical Education and Scholarship (DMES) Excellence in Clinical Teaching Award-PGME this year.

We have received funding for new equipment and a new location for our Otolaryngology ambulatory clinic. The hospital has one of the busiest emergency departments in the province.

Otolaryngology, family practice residents and medical students have continued their rotations throughout the last academic year. They have always rated their time at SJHC to be an extremely rewarding experience with the large volume of varied cases.

Rhinology fellows, and in some cases facial plastic and reconstructive surgery fellows, learn from our faculty and are involved in the education and training of residents.

North York General Hospital
Dr. Everton Gooden

Our Department continues to be very busy clinically. Drs. Everton Gooden, David Goldfarb, Alma Smitheringale and Manish Shah staff the Department. We are very excited to welcome Dr. Thileep Kandasamy to our group as of August 1, 2013. Dr. Kandasamy completed his residency training at the University of Toronto and will provide general otolaryngology care with a special focus on otology.

Our group will welcome in September Clinical Clerks from the Peters Boyd Academy. We look forward to extending our involvement in the Undergraduate Medical Education Program. Dr. Kandasamy will be the site co coordinator for the Clinical Clerks.

Our Department continues to host elective students from Family Medicine, General Surgery and Otolaryngology in addition to our regular resident rotations in pediatric surgery.

Our Hospital once again submitted a balanced budget despite the current fiscal challenges. Our Foundation has raised more than 80 million dollars towards our 150 million dollar campaign.

The Credit Valley Hospital, The Mississauga Hospital and Queensway Health Centre
Dr. Jeffrey Mendelsohn

A year of tremendous change and preparation:

The amalgamation of Trillium Health Centre (Mississauga Site and Queensway Site) with the Credit Valley Hospital into The Trillium Health Partners, The Credit Valley Hospital, The Mississauga Hospital and Queensway Health Centre has come to fruition with the amalgamation of Department and Divisions. At present the division has 8 members but we hope to be up to our full complement of 9 members by the summer of 2013. Dr. Jeffrey Mendelsohn was appointed Chief of the Division of the Trillium Health Partners with Dr. Lorne Segall as Physician Lead at the Credit Valley Hospital.

The 54 medical students who comprise the first batch of Medical Students from the University of Toronto, Mississauga Academy continued to be taught ASCM II in Mississauga. With their progression to Clinical Clerks and as they could not be taught in the individual Otolaryngologists offices, the development of an Ambulatory Teaching Clinic was required. The Division of Otolaryngology-Head and Neck Surgery had fortunately had the foresight to understand the need for such a clinic and had been petitioning the hospital administration for the past two to three years. A tremendous amount of time and energy over the last year was put into the development of this clinic. It has come to fruition with three fully equipped examination rooms and one procedure room with microscope. Teething problems persist but hopefully over the next year these will be sorted out. We would like to thank Dr. Ian Witterick for his support of the clinic.

The Trillium Health Partners (The Credit Valley Hospital, The Mississauga Hospital and Queensway Health Centre) is in an unusual position as it is in transition from a community hospital to a full teaching hospital as these medical students are OUR medical students (The Mississauga Academy of Medicine) and not medical students of another academy of the University of Toronto, being sent out to be taught in their community, yet we maintain elements of a community hospital (each Otolaryngologist has his own office). The hope is that this hybrid model evolves over the next few years to continue to provide excellent care to our patients but also to give our students and residents the best teaching experience that is possible.

I would like to thanks all the members of the Division for their work and support over the past year.
THE HOSPITAL FOR SICK CHILDREN

Cochlear Implant Research Laboratory
Karen Gordon, Blake Papsin

The Cochlear Implant Laboratory at the Hospital for Sick Children continues to investigate auditory development and plasticity. We ask: 1) What aspects of auditory development are arrested by hearing loss; 2) What changes in the auditory system occur during the period of deafness; and 3) To what extent can auditory plasticity and development be promoted by cochlear implant use? We are also interested in cochlear implant design which seeks to improve the resilience of the device as well as to preserve residual hearing. Our work is supported by research funding from the Canadian Institutes of Health Research (CIHR) and the SickKids Foundation along with the Cochlear Americas Chair in Auditory Development and generous donations. Specific hypotheses which stem from these questions are tested through a number of studies currently underway.

Our team includes Stephanie Jewell, our Research Project Co-ordinator, and our Research Engineer, Alex Andrews. Two graduate students successfully defended their research theses during this past year. Daniel Wong defended his PhD research thesis through the Institute of Biomaterials and Biomedical Engineering at the University of Toronto (U of T) in September, 2012. To date, his work on cortical reorganization in children using unilateral and bilateral cochlear implants has generated 5 papers in journals ranging from IEEE Transactions in Biomedical Engineering to the most recent in Brain, 11 abstracts for presentations at international conferences, and 7 awards including 2 consecutive Ontario Graduate Studentships. Patrick Yoo, who began his Master's degree through the Institute of Medical Sciences (IMS) with us in September 2011 defended his thesis in January 2013. He studied cortical effects of childhood deafness which resulted in 1 published paper and 2 abstracts for presentations at international meetings. Salima Jiwani, who graduated from the Audiology program at Dalhousie University in 2009, joined the lab in January 2010 as a PhD candidate through the IMS. She has been an active part of studies published in 2 papers and has already collected substantial data for her thesis work in which she is assessing effects of long term cochlear implant use on cortical and behavioral development in children with early onset deafness. She published her first paper as a primary author on this work this year and has presented some of this work at international conferences with award winning...
results. This year she received 2 highly competitive awards: the “Clinical-Scientist Training Award” and the “Restracomp Doctoral Training Award” from the Hospital for Sick Children as well as 4 student travel awards for outstanding abstracts submitted to 3 different international conferences. Michael Deighton began his Master’s through IMS in January 2011; he is examining binaural processing in children who received bilateral cochlear implants simultaneously. This work was presented at an international conference in March 2013 and was awarded studentship funding for Michael to attend and present the findings. Parvaneh Abbaspour is an international Audiologist who joined our lab as a Masters Degree student through IMS in September 2011. She is studying binaural hearing in children who had long delays between implantation of their first and second ears and effects of patching the first side. She is set to defend her thesis in August 2013 and begin her PhD/clinical audiology degree at the University of Western Ontario in September 2013. A number of new graduate students joined the laboratory September 2012: Nikolaus Wolter, a Resident in the Department of Otolaryngology-Head and Neck Surgery, Melissa Polonenko, an Audiologist from the Glenrose Hospital in Edmonton, AB; Francis Manno, who most recently worked in Dr. Dan Sanes’ lab in New York University, and Morrison Steele, from the undergraduate physiology program at the University of Toronto. We were also joined for 8 months by Desiree de Vreed, a medical student at Leiden University and a Masters student in Biomedical Engineering at the Delft University of Technology in the Netherlands.

Over this past academic year, we have also enjoyed working with residents and fellows: Luis Vilchez Madrigal, Tulikah Shinghal, and Tony Eskander, and with our summer students: Katie McCann, Bridgit Allemang, and Caroline Dooley. We continue to have important collaborations locally with Robert Harrison, Sharon Cushing, Adrian James, Paolo Campisi, James Rutka, Sandra Trehub, Tracy Stockley, Susan Blaser, Mark Crawford, Frank Russo, and Lorna MacDonald; nationally with Isabelle Peretz; and internationally with Robert Cowan and Richard van Hoesel.

The past year has been very productive: 14 publications came out between June 1, 2012 and May 31, 2013. One book chapter was published in 2012. Between this summer and last, we collectively presented more than a dozen abstracts at international meetings and gave more than two dozen invited talks on every continent except Antarctica.

Pediatric Voice and Airway Research Lab
Paolo Campisi, Evan Propst, Vito Forte

Exciting research is active along many fronts. We acknowledge and are thankful for the contributions of many of our past and present Residents and Fellows and are grateful for the financial support of our Hospital innovation grants initiative as well as to our Foundation donor base support.

A partial project list is as follows:

- Voice therapy for the management of vocal fold nodules in children. This is a multi-centre (Toronto, Boston, Philadelphia, Milwaukee) randomized controlled trial comparing two types of voice therapy. Study is funded by a NIH grant
- Global Laryngeal Efficiency Evaluation Project. This is a new project evaluating the voices of young opera singers before and after entering an intensive training program. Co-investigators are members of the Faculty of Music and Department of Speech Language Pathology
- HPV genotype and the clinical course of children with recurrent respiratory papillomatosis. This study was piloted in Toronto and will now be extended to other sites in the Juvenile onset Recurrent Respiratory Papillomatosis (JoRRP) interest group
- Canadian JoRRP surveillance study. In the final stages of collecting data from the JoRRP interest groups to determine if there has been a change in the national prevalence and incidence of JoRRP 5 years after the introduction of HPV vaccination strategies.
- Studying the microvasculature and neovascularization using corrosion casting models and computer assisted analysis following laryngotracheal reconstruction
- Dynamic modulation of endotracheal tube cuff pressure: aspiration assessment in a novel animal model
- Study of dynamic pressure modulated cuffs in the human ICU setting
- Novel porcine simulation models for the teaching of laryngotracheal reconstruction
- Testing of various airway stents
- Use of ultrasonography to differentiate between thyroglossal duct cysts and midline dermoid cysts
- Translation of the 2-Dimensional Cotton-Myer grading system for subglottic stenosis into 3-Dimensional space
- Demographics of choanal atresia in Canada: a population based study
- Development of the olfaction system in children
- Angiogenesis in anterior costal cartilage graft laryngotracheoplasty: a corrosion casting study
- Corrosion casting of the subglottis following endotracheal tube intubation injury: a pilot study in Yorkshire piglets
- Multidisciplinary perinatal management of the compromised airway by ex utero intrapartum treatment (EXIT)
- Transplantation of a vascularized, mucosalized tracheal homograft in Yorkshire piglets
OtoSim™ Lab
Vito Forte and Paolo Campisi

OtoSim™ has enjoyed a successful year thanks to the ongoing efforts of a great team and the support of many Faculty members. Accumulated sales of our simulators are now over the $1 million mark.

Worldwide marketing and distribution strategies are being developed as the company continues to grow. Profits will generate future revenue for both the University and Hospital Departments. A partial project list is as follows:

- Objective evaluation of otoscopy skills amongst primary care trainees. This study examines the abilities of primary care learners in family medicine and pediatrics to evaluate tympanic membranes using the OtoSim™ simulator before and after training with the unit. There is a long term follow up session assessing retention of otoscopy skills
- The above study will be replicated in other teaching centres. Thus far London and Winnipeg have shown interest in participating. This will be further explored at the National Undergraduate meeting this fall in Toronto
- The use of an otoscopy simulator in an observed structured clinical examination (OSCE) - a first look. The data is available but has not been studied as yet
- OphthoSim™ (a new study) - A grant proposal has been submitted to explore the utility of ophthalmoscopy simulation in the ophthalmology clerkship
- Novel product development: myringotomy and tube simulator, modules for mass teaching for both the ear and eye examination, advanced OtoSim™ and OphthoSim™ self-learning software upgrades and many more

Auditory Science Laboratory
Robert V. Harrison

The Auditory Science Laboratory within the Department of Otolaryngology-HNS at The Hospital for Sick Children has been part of the Department for almost 30 years. Over that time, the laboratory has adopted many novel research techniques to explore the structure and function of the normal and pathological auditory system. The methodologies include various brain imaging and electrophysiological techniques, including our mainstay, the recording of single neurons from different areas of the auditory brain. We also carry out evoked potential and oto-acoustic emission research in human subjects and in animal models. On the anatomical side, we continue to do electron microscopy and various histological evaluations of the inner ear, and we also probe neural pathways in the brain associated with hearing using neural tracer studies, or most recently immuno-labeling for cell activity.

This past year has been very busy and productive. Jaina Negandhi has been in the lab as Project Manager for a number of years. Over the past year she has been exploring some important issues regarding hearing loss as a result of cochlear damage. For example she has described in some detail the time course of cochlear excitotoxicity caused by massive glutamate release after inner haircell damage.

A visiting Scholar from the medical school of the University of Tokyo, Dr. Ujimoto Konomi (“Moto”) has completed important studies on the age related aspects of otoacoustic emission suppression. The work was presented at the Collegium meeting (Rome) August 27-29, 2012 and published in Acta Otolaryngologica. In this work Moto worked together with our pediatric otolaryngology research fellow, Dr. Sohit Kanotra. On further research on otoacoustic emissions Adrian James has been working on the development of a new diagnostic device involving contralateral emission suppression.

Over the past year, Lisa D’Alessandro has continued her PhD thesis work. She has been interested in patterns of neural activity in the auditory mid-brain, and has been investigating whether certain sounds presented repeatedly at birth can cause a rewiring of the auditory midbrain. Mattia Carrero a Master’s trainee with The Institute of Biomaterials and Biomedical Engineering (IBBME) started his research work this year and has made tremendous progress investigating some important aspects of the blood supply to the cochlea. Other trainees in the past year are summer students who have been working hard in the lab, including Adrienne Harrison, Cullen Allemang and Emily Papsin. These young, enthusiastic students are learning new research techniques including histology, electrophysiology and electron microscopy.

This past year, through the funding of a CIHR team grant, we have have some very fruitful collaborations with other research teams including that of Dr. Lu-Yang Wang at SickKids and Dr. Vincent Lin at Sunnybrook Health Sciences Centre. These collaborations have led to significant research findings. In addition to basic laboratory based research we have active collaboration with the Cochlear Implant Research Lab, directed by Blake Papsin and Karen Gordon, and also the Centre for Voice and Laryngeal Function, directed by Paolo Campisi.

Our research productivity has been good with findings published in a range of basic science and clinical journals. The Auditory Science Laboratory has had a productive year thanks to all the hard work of our trainees and staff. Well done!
UNIVERSITY HEALTH NETWORK

Guided Therapeutics (GTx) Research
Jonathan Irish, David Goldstein, Michael Daly

The integration of modern technologies - such as imaging and robotics with therapy - opens the way for precise control of tumours, while sparing healthy tissues. In this program, surgeons use real-time 3-dimensional images of tumours to provide valuable information as the therapy progresses, leading to more successful interventions and fewer side effects. Such accurate imaging, combined with computer-assisted and minimally invasive surgical techniques, provides increased accuracy and precision in the treatment of cancer. This means better results for our patients and is leading to increased survival rates and an improved quality of life for cancer patients both during and after treatment.

The objectives of the GTx program are to: i) develop innovative imaging technologies for guiding therapies (e.g., 3D imaging, molecular imaging, computer-assisted surgery); ii) establish revolutionary treatments that combine the strengths of established therapies; and iii) evaluate the effectiveness of new imaging technologies when they are applied to both traditional and new treatments. GTx involves a multi-disciplinary team of clinician-scientists, surgical fellows, residents, engineers, physicists and computer programmers. This research team translates innovative technology from the ‘bench top’ (GTx-Lab at the MaRS Discovery District) to ‘bedside’ (the new TECHNA GTx-OR in Toronto General Hospital, UHN).

First Patient on April 10, 2013

Head and Neck Translational Program
Fei-Fei Liu

The Princess Margaret Head and Neck Cancer (HNC) Translational Research Program is amongst the top five such Programs in the world. This Program has three main goals: Firstly, to understand HNC biology at the molecular, cellular, and tumour levels, in order to acquire insights into HNC development and progression. In this process, we will discover novel biomarkers (molecular or imaging tools) for the diagnosis of this disease, monitor treatment response, and develop new therapeutic strategies, in order to ultimately achieve personalized HNC medicine. Secondly, to understand the molecular and genetic bases of treatment toxicities in response to radiation, with or without chemotherapy. This will allow us to personalize, or better select, the appropriate treatment strategies for our HNC patients. Finally, to train young scientists and physicians in the scientific pursuits of understanding human cancer biology, develop novel bio-markers, and devise new therapeutic approaches in HNC management.

Our research team of over 20 clinicians and scientist collectively work on several major projects which are focused on further understanding the development and biology of HNCs, and patients’ responses to therapy. Our research is conducted in a collaborative manner, with the ultimate objective of individualized therapies to improve the outcome for HNC patients at both the Princess Margaret and around the world.

Over the past year our graduate trainees were able to receive several competitive scholarships and awards, including from the American Association for Cancer Research; Ontario Ministry of Training, Colleges and Universities; University of Toronto Faculty of Medicine; University Health Network; and Canadian Institutes of Health Research. Jeff Bruce and Lusia Sepiashvili, both PhD candidates, received Best Poster Presentation Awards at the 2013 Excellence in Radiation Research for the 21st Century (EIRR21) Annual Research Day. Jeff won for his work entitled “The Role of microRNAs in Human Nasopharyngeal Carcinoma and Lusia for her work entitled A System Analysis of oropharyngeal carcinomas”. Keira Pereira, another PhD candidate, whose research is focused on characterizing and understanding the role of stromal cells as a tumor-initiating cell niche in head and neck cancer squamous cell carcinoma, received a Medical Biophysics Excellence Ontario Student Opportunity Trust Fund award.

Neurotology and Vestibular Research
John Rutka, David Pothier, Sharon Cushing & Phil Gerretsen

The vestibular group undertakes clinical and translational research in partnership with the Hospital for Sick Children and other leaders in vestibular research around the world. The Centre for Advanced Hearing and Balance works alongside the Hertz Multidisciplinary Neurotology Unit to undertake clinical data collection and undertake studies in the basic science of vestibular physiology.

Our themes are as follows: i) Investigation into the velocity and acceleration-specific measurement of function of the vestibular system; ii) Clinical research into the role of psychological factors in chronic balance disorders; iii) Neural plasticity and biofeedback – this is a key area of work with SKH; iv) Worldwide collaboration in the measurement of sway from multi-level sensors. Collaborating institutions include Johns Hopkins and UBC; v) Longitudinal assessment of work-related injuries of the vestibular system.

We have gained recognition as a world centre of excellence and innovation in the area of vestibular research and have attracted clinical fellows and observers from five continents to work with us and observe our practice and participate in our research within the last year.
Two current projects that deserve mention are both collaborative in nature. The first is a joint project with CAMH and the Department of Psychiatry looking at the effect of caloric and galvanic vestibular stimulation on insight in patients with schizophrenia. The other is in partnership with the Departments of Infectious Disease and Pharmacy: the development of a scalable program for the monitoring of gentamicin vestibulotoxicity. This is in its pilot phase and has already identified occult toxicity using the cDVA device developed at TGH and presented at the recent Percy Ireland Academic Day. This program has the potential to be a world-first with Toronto leading the way in this much misunderstood and neglected area.

Our colleagues in their roles in vestibular rehabilitation and vestibular nursing have delivered research papers to the CSO-HNS Annual Meeting in Banff this year, the first time AHPs have been permitted to present work at this meeting. The work itself demonstrated new therapeutic options for conditions previously thought to be resistant to treatment: bilateral high velocity vestibular loss and cerebellar ataxia with bilateral vestibulopathy (CABV).

Along with a number of visiting professorships, expert panels and invited lectures over the last year, members of the group are in the process of setting up national and international courses in advanced vestibular assessment, advanced vestibular rehabilitation and in the management of complex neurotological cases. We are developing innovative education systems alongside these initiatives and are planning to secure intellectual property in a number of related areas.

Head and Neck Surgical Research
David Goldstein, Ralph Gilbert, Patrick Gullane, Dale Brown, Jonathan Irish and John de Almeida

Head and neck cancer research at the University Health Network takes place across the three sites, with the majority of research occurring between the Toronto General Hospital and Princess Margaret Cancer Center. The surgeon investigators have affiliations with both the Ontario Cancer Institute and the Toronto General Research Institute. The research program is a multidisciplinary program with local, national and international collaborations.

The research program has 4 major themes:
1. Guided therapeutics program (GTx, discussed separately);
2. Clinical outcomes research in head and neck oncology and reconstructive surgery. Outcomes research includes clinical trials, and prospective and retrospective observational studies in mucosal, salivary gland, endocrine and skull base neoplasms. In addition, there is a major focus on evaluation of outcomes with microsurgical reconstruction and functional outcomes including quality of life assessment;
3. Basic science and translational research program is a multidisciplinary program that involves radiation and medical oncology, pathology, and basic science labs. Research includes proteomics, genomics, stem cell research, and molecular epidemiology. A large focus of the program is on the identification and assessment of biomarkers in the treatment of head and neck cancer;
4. Health services research with a focus on patterns of practice and volume outcome studies in head and neck oncology. Resident and fellow research is a major component of the research program. There have been a number of residents and fellows who have been mentored and supported by members of the head and neck surgery research program.

DEFENCE RESEARCH & DEVELOPMENT

Hearing Research Laboratory
Sharon Abel

In June 2001 I moved my laboratory from the Samuel Lunenfeld Research Institute of Mount Sinai Hospital to Defence Research & Development Canada – Toronto (DRDC Toronto). My research is focused on auditory perception - the detection, discrimination and localization of auditory warnings, situational awareness, and communication either by live voice or radio, in high-level noise. Variables of particular interest are the hearing status of the listeners and language fluency, as well as the benefits and drawbacks of various types of hearing protection devices. I lecture military physicians who are being trained in aviation medicine. My trainees have included military bioscience officers, some of who are working towards graduate degrees, and also undergraduate co-op students from the University of Waterloo. I oversee two research facilities: One of these is set up for the simulation of a wide range of military ambients. Currently it contains a mock-up of a military land vehicle where we carry out auditory experiments that model tasks carried out by radio operators. The other facility is designed for studies of various aspects of hearing.

MOUNT SINAI HOSPITAL

Rhinology/Skull Base Research
Ian Witterick, Allan Vescan and John de Almeida

There are ongoing clinical research projects in rhinology and the skull base program.
These include:

- Sinus/skull base simulator development and validation
- Validation of the Skull Base Inventory, a quality-of-life instrument developed by Dr. de Almeida
sections obtained from these lesions are more likely to develop oral cancer.

Our research has led to identification of novel links between oral pre-malignancy and cancer using indigenously established in vitro and in vivo models of oral cancer. Identification of novel protein markers can help clinicians in identifying patients at high risk of cancer development in early stages. This can reduce cost and co-morbidity related to treatment of cancer. Further, among OSCC patients that show resistance to current therapeutic regimens, development of new drugs will provide alternative treatment.

Endocrine Oncology Research
Jeremy Freeman, Allan Vescan, Ian Witterick and Paul Walfish

a) Ongoing clinical studies
• Clinical outcomes using cancer database of >1000 patients
• Mapping of anatomy and distribution of metastatic neck disease from thyroid cancer
• Epidemiology of micropapillary carcinoma
• Biology of Hurthle cell lesions
• Efficacy of ultrasound and ultrasound biopsy from surgical perspective
• Clinical outcomes of use of intra-operative PTH

Many of the studies done have been implemented into clinical practice and resulted in the acknowledgement of our program at MSH as being flagship for Best Practices by Accreditation Canada.

b) Ongoing basic science studies (Ralhan, Walfish)

The laboratory is located in the Lunenfeld-Tanenbaum Research Institute, Mount Sinai Hospital.

Research directions/themes: The work in our laboratory is focused on understanding the molecular basis of development of head and neck / oral squamous cell carcinomas. The key areas are:
• Unraveling molecular mechanisms involved in malignant transformation of oral epithelial dysplasia using indigenously established in vitro and in vivo experimental models
• Developing high throughput chemical libraries based screening for development of novel molecular therapeutics for oral cancer using in vitro and in vivo experimental models of oral cancer
• Natural compounds for chemoprevention of oral cancer
• Preclinical validation of novel potential therapeutic molecular targets for head and neck cancer identified using tissue proteomics
• Proteomics based biomarkers for predicting oral pre-malignant lesions at high risk of cancer development
• Molecular prognostic signatures for recurrence in oral cancer patients

Currently, our laboratory is deciphering the molecular mechanisms underlying malignant transformation of oral dysplasia using in vitro and in vivo mouse xenograft models. Further, in search of novel molecular targeted therapy for oral squamous cell carcinoma (OSCC) patients, we screened libraries of small molecule inhibitors for their therapeutic potential using high throughput screening. Our findings led to identification of some of the novel small molecule inhibitors, currently being investigated for their therapeutic efficacy and mechanism of action in our laboratory. Using high throughput quantitative proteomics, we identified differentially expressed proteins in oral pre-malignant and malignant lesions in comparison with normal oral mucosa. Validation analysis of these proteins in independent sets of OSCCs lead to identification of a panel of potential biomarkers which can help to identify aggressive cancer cases and predict poor prognosis in OSCC patients. We also identified protein markers in oral dysplasia patients in comparison to normal oral mucosa. Oral dysplasia patients showing overexpression of these markers in tissue
Epithelial cell adhesion molecule (EpCAM) and Activated leukocyte cell adhesion molecule (ALCAM) in thyroid benign tissues and cancers. Our results demonstrated the clinical significance of increased nuclear Ep-ICD (i.e. intracellular domain of EpCAM) in aggressive thyroid cancer tissues. Interestingly, loss of membranous ALCAM and EpEx (extracellular domain of EpCAM) correlated with progression of disease and predicts poor prognosis in thyroid cancer patients. Proteomic analysis of the thyroid cancer cell secretome led to identification of several proteins that can potentially serve as serum based non-invasive protein markers for diagnosis of thyroid cancer, predicting prognosis or response to therapy. We are also evaluating the potential of these protein biomarkers in thyroid fine needle aspiration biopsies (FNAB) to strengthen the cytopathologic evaluation for diagnosing cancer with minimal invasive procedures. In our laboratory, we are also developing novel methods of serum thyroglobulin quantification in thyroid cancer patients with elevated thyroglobulin auto-antibodies using mass spectrometry.

Recent awards:
1. IMS Scientific Day, First Prize in Alan Wu Poster Presentation competition in May 2012 was awarded to Ms. Seham Chaker
2. Wilbur C. Wright Memorial Scholarship was awarded to Mr. Lawrence Kashat by University of Michigan for achievement in cancer research to conduct research in thyroid cancer in our laboratory

ST. MICHAEL’S HOSPITAL

Voice and Upper Airway Laboratory
Jennifer Anderson

The Voice Lab at St. Michaels Hospital underwent a much needed renovation and new sound treated treatment/therapy space was added during the Otolaryngology-HNS Clinic renovation in 2013. The Voice Lab was productive in collecting and analyzing data for several studies undertaken by residents or fellows.

Dr. Prem Sombuntham from Bangkok, Thailand was the graduating Laryngology Fellow and Dr. Sombuntham presented some of this work on the ‘Voice Outcomes in Adult Recurrent Papillomatosis’ at the CSO-HNS meeting in Banff and at the Voice Foundation in June 2013.

Marta De Luca Mus.Bac.Perf., M.Ci.Sc and Gwen Merrick M.H.Sc., Reg. CASLPO are the two experienced speech pathologists in the Voice Clinic who also participate in research data collection. Ms. DeLuca is also a mezzo soprano and Ms. Merrick has just completed a certification in Gestalt psychotherapy.

Other work undertaken in the Voice lab included data collection on Focal Laryngeal Amyloidosis and Transgendered Voice post phonsurgery. A new study is in the planning stages in collaboration with Ms. Mary Enid Haines Mus. Bac. Perf., MA. from the Faculty of Music to examine the effects of external source vibration on voice production in muscle tension dysphonia.

The Voice Lab has continued to be an educational resource for other faculties at the University of Toronto. The Voice Lab hosts several speech language pathology masters students a year for long term placement in voice therapy as well as stroboscopy/laboratory sessions for the speech science course. The Faculty of Music regularly has the Vocal Pedagogy masters class, directed by Dr. Lorna MacDonald and attends the laboratory as well.

The Otolaryngology-HNS residents spent a laryngology core session at the laboratory to acquire the basics of voice acoustic data collection and analysis.

Rhinology Research
John Lee

2012-2013 has been a busy and productive year for rhinology research at St. Michael's Hospital. To complement the clinical practice, several projects have been undertaken by both residents and medical students. Rhinology research at St. Michael’s falls under three main umbrellas: (1) Clinical studies; (2) Epidemiology related research; and (3) Education. For this past year, the major clinical project has been a prospective cohort study evaluating nasal nitric oxide levels in patients undergoing endoscopic sinus surgery for chronic rhinosinusitis. This work is supported by a PSI resident grant previously awarded to Dr. Aman Grewal (PGY4) and with the help of research coordinators Carmen McKnight and Theresa Aves, patient recruitment is now over the half-way mark. We anticipate to present the results from this study in 2014. Under epidemiology related research, Dr. Xiao Zhao (PGY3) undertook the task of performing a systematic review evaluating absorbable, non-absorbable and medicated spacers following endoscopic sinus surgery. Dr. Zhao presented this work as an oral presentation at the American Rhinologic Society Spring Meeting in April 2013 and the manuscript has recently been published in the International Forum of Allergy and Rhinology. Finally, education research has included a study evaluating the educational value of a CT sinus anatomy checklist prior to sinus surgery. This project was spearheaded by Christopher Yao (medical student) and Dr. Vinay Fernandes (PGY3) and culminated in a manuscript published in the Journal of Surgical Education. Most recently, Dr. Gordon Tsang (PGY1) and Dr. John Lee were awarded a St. Michael's Hospital Innovation Grant for developing a simulation model for sinus surgery in the novice trainee. We hope to carry this exciting work forward in the upcoming academic year.
SUNNYBROOK HEALTH SCIENCES CENTRE

Auditory Development, Protection and Regeneration
Alain Dabdoub & Vincent Lin

The Sonja Koerner Laboratory in Auditory Hair Cell Regeneration welcomed the Dabdoub research group last fall. Dr. Dabdoub relocated his research group from the University of California San Diego.

His work focuses on understanding the role of the Wnt-signaling pathway in cochlear development. Many of the advances in auditory hair cell regeneration such as the manipulation of the Atoh1 gene in adult auditory tissue to trigger transdifferentiation of support cells into functional hair cells were based upon research of the Atoh1 gene during development. Emerging evidence is pointing towards a significant role of both the Wnt and Atoh1 signaling pathways for future therapies aimed at regenerating lost hair cells. Dr. Dabdoub’s lab is also focused on the regeneration of spiral ganglion neurons which represent the first synapse in the ascending auditory pathway and a critical component in which to reconnect with newly regenerated hair cells or to relay electrical information from cochlear implants. One of his approaches is finding molecules to coax the glial cells found within the spiral ganglion population to potentially convert into new neurons.

Dr. Lin’s research focuses on the understanding of the pharmacokinetics of corticosteroids in otologic conditions such as sudden sensorineural hearing loss and hearing and vestibular preservation during cochlear implantation. His lab is also investigating the role of angiogenesis and the vascular endothelial growth factor pathway in age-related hearing loss with a hope that pharmacologic agents in the future may either slow down its progression or prevent its occurrence.

Cochlear Implant Research
Lendra Friesen, Vincent Lin, Julian Nedzelski, Joseph Chen

The Department’s cochlear implant clinical research arm has, in past years, focused in the areas of outcomes research in cochlear implantation (CI). The collaboration with industry in translational studies with new technology and treatment paradigm have been particularly fruitful. The Department was particularly excited about hosting the Hearing Preservation Workshop in Toronto last fall, and receiving the honor to host the 2016 International Symposium.

The CI database gave us an excellent foundation to study our results; recently, we recruited a clinical research assistant in otology to help with clinical trials, REB submission, and research subject coordination. The following research topics represent active research projects spanning the past two years.

1. Cochlear Implant projects (ongoing/REB phase)
   a. MusicEar-computerized rehabilitation program for adult CI users (Industry grant)
   b. Bilateral CI users-audiometric benefits, speech in noise, localization and QOL evaluation.
   c. Binaural implantation in adults (industry partnership with Neurelec)-clinical trial.
   d. Intraoperative electrocochleography during hearing preservation and non-hearing preservation surgery-feasibility and outcomes (Industry partnership-Advanced Bionics)
   e. Hearing preservation with the preformed, mid-modiolar electrode (industry partnership-Advanced Bionics)
   f. Unilateral CI with a CROS microphone study-phase 3 (Industry partnership-Advanced Bionics)
   g. Hearing preservation CI-preoperative and intraoperative steroid regimen (PhD study-industry sponsor: Dr. Jafri Kuthubutheen)
   h. Unilateral CI study for Single sided deafness (feasibility study-sponsored by Advanced Bionics)
   i. MoCA-validation of a modified cognitive impairment measurement for elderly hearing impaired subjects who are evaluated for CI
   j. Depth of insertion and clinical outcomes

2. Middle Ear
   a. BoneBridge implantable device-prospective audiometric study/QOL benefits
   b. Cost-benefit analysis of laser stapedotomy

Neurotology & Otology Research
Joseph Chen, Julian Nedzelski, Vincent Lin

Our neurotology and otology research group continues to move forward to many longstanding areas of research. Our focus is on the development of effective skull base teaching tools as well as development of new surgical techniques. We have many ongoing studies looking at both short term and long term outcomes with our surgical interventions. Finally we are currently in discussion with pharmaceutical companies to be a recruitment center for phase III trials for new drugs development for the treatment of hearing loss and tinnitus.
DEPARTMENT OF OTOLARYNGOLOGY - HEAD & NECK SURGERY

1. Development of an myringotomy simulator
   a. Initial validation with expert, junior and novice surgeons
   b. Now using simulator to correlate global rating scores of junior residents, medical students and undergraduate students with various background traits (music training, sports, video game experience)

2. Acoustic neuroma database
   a. Intraoperative facial nerve neurophysiological measurements to monitor post-operative outcomes
   b. Quality of life outcomes
   c. Growth patterns

3. Skull Base
   a. 3D micro-anatomic imaging study of the brainstem in the context of auditory brainstem implantation
   b. Surgical anatomy of the brainstem in the context of auditory brainstem implantation

Head & Neck Research

1. Clinical and Outcomes Research
   There are multiple clinical research studies underway at Sunnybrook that focus on outcomes and clinical standards. These are some of the areas of focus.
   
   1. Sentinel lymph node biopsy for the management of melanoma
   2. Management of oropharyngeal cancer
   3. The use of elastography for the quantification of lymphedema
   4. The correlation of postoperative un-stimulated thyroglobulin levels with stimulated levels in well differentiated thyroid cancer
   5. Surgeon-performed ultrasound guided FNAB
   6. The surgical management of paragangliomas of the head and neck
   7. Morbidity associated with the Antero-lateral Thigh Flap

   These projects are underway. The Head and Neck Group at Sunnybrook has partnered with other departments including pathology, endocrinology, diagnostic imaging, radiation oncology, and physiotherapy, in order to create a dynamic research group interested in outcomes and standards of care.

2. Basic Science Research
   The Head and Neck research group at Sunnybrook has partnered with the image-guided therapeutics division at the Sunnybrook Research Institute and is involved in cutting edge research. Currently, the focus is on MR-guided high-intensity focused ultrasound (HIFU). This technology allows ablation of tissues with highly focused ultrasound. It is being applied to the management of regionally recurrent unresectable head and neck cancer. Our study is currently in the animal model phase with the plan to move to patients in the coming year. Applications for this technology in other areas of head and neck oncology are also being explored.

   Another new exciting image-guided therapeutic will be the addition of an MRI-guided LINAC. This highly specific targeted form of radiotherapy will present new opportunities for research. Currently, our group is exploring potential applications for this new technology and will be ready to take full advantage once it arrives.

   **Awards**
   $75,000 Grant from the FUS Foundation for our work on the application of MR-guided HIFU for regionally recurrent unresectable head and neck carcinoma. (Dr. Justin Lee PI, Dr’s Enepekides and Higgins Co-PIs).

Humanitarian Outreach

Canada International Scientific Exchange Program (CISEPO)
Dr. Arnold Noyek and Team

The Canada International Scientific Exchange Program (www.cisepo.ca) has been operating as a registered Canadian charitable organization since 1984. It has a global mandate with specific application to building bridges to peace in the Middle East. Our work is about peaceful professional cooperation and knowledge transfer using a Canadian umbrella, an academic setting and being multilateral on the ground.

In order to deliver this kind of international development programming (consistent with Canadian core values) with our global partners, certain fundamental principles are essential. We operate with the top-down legitimacy of governments and universities and hospitals and the grassroots participation of academic and service partners (physicians, students, scientists, nurses, professional caregivers and communities). Operating with CEPD and formalized educational agreement structures at the Faculty of Medicine, University of Toronto, through the Department of Otolaryngology-Head & Neck Surgery, enables us to deliver specific educational and training projects through the years. The Government of Canada through CIDA and Foreign Affairs Canada (FAC) has provided financial support over two decades through formal agreements to promote universal newborn hearing screening, habilitation and family support as national health policy across the Arab and Israeli frontier for Israeli, Jordanian and Palestinian newborns and other initiatives. Other training and service agreements have been established such as CISEPO and the Royal Scientific Society of Jordan (under the Royal Court) to establish Access Hear (employing the severely deaf to manufacture affordable hearing aids for Jordan and on the
world scene); university to university agreements linked to CISEPO faculty (ie. York University and the new medical school being established at Yarmuk University in Irbid); working agreements with MASHAV (the Department for international development for the Ministry of Foreign Affairs for Israel for cross-border medical training and education); international agreements in global TeleHealth through the Peter A. Silverman global eHealth program, CISEPO and the division of neurology at the University of Toronto (with Russia, Brazil, Spain, the UK, WHO in Switzerland, etc); the Canadian-Qatari hearing health partnership to promote the public health in hearing health and advance national health policy.

There are other examples but the principle of international agreements assures high-level program delivery, effective monitoring and evaluation and confidence in program growth. A file of agreements is available in the CISEPO office. Read recent news at:
http://www.dlsph.utoronto.ca/page/all-news

Face the Future™
Dr. Peter Adamson and Team

Our Face the Future™ Foundation, previously known as the Canadian Foundation for Facial Plastic and Reconstructive Surgery, was founded in 1996. We have a fund which allows us to support two or three surgical humanitarian missions per year. To date we have sent missions to Ekaterinburg, Russia, Saratov, Russia, Ulyanovsk, Russia, and Kigali, Rwanda. We are in preliminary discussions regarding a mission to Latin America. Continuing support for our mission work is obtained through an annual fundraising dinner and other friends of the Foundation.

Our missions consist of 6 to 15 surgeons. On recent missions we have had the opportunity to include a resident or fellow when possible. Our focus is on children with congenital and traumatic facial deformities and we work through the local ministries of health and hospital administrations as well as the local surgeons. The local surgeons bring their challenging cases to us so that we can operate on them and also teach them our techniques. Our surgeons and our Foundation commit to several years at least in a given location so that there is continuity of care and a true building of relationships as well as expertise amongst local surgeons. As the mission develops we have also branched out to provide expertise by bringing other specialists such as anaesthesiologists, neurosurgeons, oculoplastic surgeons, clinical nurses, nurse consultants, speech pathologists, social workers, etc. We always work with the local medical teams and provide them international experts in the fields that they request.

Additional information is available at:
www.facethefuturefoundation.ca.

A video from the mission to Kigali, Rwanda in February 2013 can be downloaded at:
https://www.dropbox.com/s/1zsvvp7k6dlj5yl/FTF_Int%27lVersion_516.mov.

L to R: Ilya Shkarupin, Executive Assistant and translator; Oluyinka O. Olutuye, Professor of Pediatric General Surgery, Baylor University, Houston; Peter A. Adamson, President and Founder, Face the Future Foundation, Professor and Head, Division of Facial Plastic and Reconstructive Surgery, Department of Otolaryngology-Head & Neck Surgery, Toronto; Eric A. Jones, Pediatric Urologic Surgeon, Volunteer Faculty, Baylor University, Houston; Janet Chung, PGY4, Department of Otolaryngology-Head & Neck Surgery, Toronto; Anthony E. Brisset, Facial Plastic Surgeon, Assistant Professor, Baylor University, Houston, Team Leader

Smile China
Dr. Joseph Wong

Providing specialized surgical, medical and health care services to children affected with facial deformities in poor developing areas within the People's Republic of China.

Congratulations to Dr. Joseph Wong for his most successful international outreach with Smile China. The Smile China Project is a Canadian registered charity that has a mission of providing free facial plastic and reconstructive surgeries to underprivileged children in China, while also providing teaching of surgical techniques to local surgeons. Their goal is to help in providing a sustainable solution to the burden of approximately 40,000 new cases of cleft lip and palate born every year in China. They work in partnership with the Chinese government and Chinese Medical community.

For eleven years, the Smile China Project has successfully performed over 600 cleft deformities and helped with the training of hundreds of surgeons through hands on teaching, lectures and medical conferences.

You can check out their new website at:
http://www.smilechinaproject.org or http://www.smilechina.com

The Smile China and Dr. Wong were recently recognized in the Mississauga Legends Row – Class of 2013:
www.mississaugalegendsrow.ca

Publications

Books


Book Chapters


Freeman, JL: Reoperative Thyroid Surgery IN: Surgery of the Thyroid and Parathyroid Glands, 2nd Edition. Editor, Gregory Randolph. Published by W. B. Saunders. Published.


Kus HK, Freeman J: The Rare Ones: Horner’s Syndrome, Complications from Surgical Positioning and Post-Sternotomy Complications IN: Thyroid Surgery: Preventing and Managing Complications. 1st Edition, John Wiley & Sons Ltd. Published.


Editorials


Proceedings of Conferences


Media News Articles


Peer-Reviewed Publications Listed by Journal Name

The following list of publications includes work by faculty who hold a primary appointment in the Department of Otolaryngology-Head & Neck Surgery and work by cross-appointed staff related to the core mission of this Department.

Acta Neurochirurgica


Acta Oto-Laryngologica


Aesthetic Plastic Surgery


American Journal of Human Genetics

American Journal of Medical Genetics, Part A


American Journal of Rhinology and Allergy


Anatomical Sciences Education


Annals of Thoracic Surgery


Annals of Otolaryngology-Head and Neck Surgery


Annals of Otology, Rhinology and Laryngology


Annals of Surgical Oncology


Anticancer Therapy


Archives of Facial Plastic Surgery


Archives of Otolaryngology-Head and Neck Surgery


Atmospheric Environment


BMC Cancer


Brain


British Journal of Neurosurgery


Canadian Journal of Neurological Sciences


Cancer


Carcinogenesis


Chemosphere


**Clinical Cancer Research**


**Clinical Imaging**


**Clinical Neurophysiology**


**Cochlear Implants International**


**Current Opinions in Otolaryngology-Head and Neck Surgery**


**Current Oncology**


**Developmental Science**


**Dysphagia**


**Ear and Hearing**


**Endocrine Pathology**


European Archives of Oto-Rhino-Laryngology

Facial Plastic Surgery Clinics of North America


Frontiers in Auditory Cognitive Neuroscience

Head and Neck


Head and Neck Pathology


Healthcare Quarterly


Human Molecular Genetics


International Journal of Radiation Oncology Biology Physics


Intensive Care Medicine


International Forum of Allergy and Rhinology


International Journal of Pediatric Otorhinolaryngology


Sklar MC, Narang I, Ngan B-Y, Propst EJ. A Solitary Tonsil can Cause Severe Obstructive Sleep Apnea. 77(7):1212-1214; 2013.


Journal of Laryngology and Otology

Journal of Magnetic Resonance Imaging

Journal of Medical Engineering and Technology

Journal of Neurological Surgery

Journal of Neurophysiology

Journal of Neuroscience

Journal of Otolaryngology-Head and Neck Surgery


Monteiro E, Shipp D, Chen J, Nedzelski J, Lin V. Cochlear Implantation: A personal and societal economic perspective examining the effects of cochlear implantation on personal income. 41; 2012.


Journal of Pathology


Journal of Pediatric Gastroenterology and Nutrition


Journal of Pediatric Hematology/Oncology


Journal of Plastic, Reconstructive and Aesthetic Surgery


Journal of Reconstructive Microsurgery


Journal of Surgical Education


Journal of the American Medical Association (JAMA)


Journal of the Canadian Dental Association

Marchese N, Witterick I, Freeman BV. Symptoms Resembling Temporomandibular Joint Disorder Caused by a Pleomorphic Adenoma. 79; 2013.

Journal of the International Neuropsychological Society


Laryngoscope


Gevorgyan A, Nedzelski JM. A Late Recognition of Tapia Syndrome: A case report and literature review. 2013. Article in Press


Shah MD, Klein AM. Methicillin-Resistant Staphylococcus Aureus Laryngitis. 122(11), 2497; 2012.


Microsurgery

Molecular Genetics and Metabolism


Molecular and Cellular Proteomics


New England Journal of Medicine


Nature


Neurology


Neuropediatrics


Neuroradiology

Otolaryngologic Clinics of North America

Shah MD, Johns MM. Office-Based Laryngeal Procedures. 46(1):75; 2013.


Otolaryngology-Head and Neck Surgery (United States)

Brandt MG, Franklin JH, Osborn HA, Fung K, Yoo J, Doyle PC. The Western Surgical Concern Inventory-Thyroid: Development and initial validation. 147(2):227-232; 2012.

James AL, Papsin BC. Ten Top Considerations in Pediatric Tympanoplasty. 147(6):992-998; 2012.


Otolaryngology & Neurotology

Brichacek MA, Brandt MG, Carey JP, Byrne PJ. Stapedial Synkinesis Causing Change in Hearing Threshold with Facial Motion. 34(4):762-765; 2013.


Pediatric Hematology Oncology


Pediatric Blood Cancer


Pediatric and Developmental Pathology


Pediatric Radiology


Plastic and Reconstructive Surgery


PLoS ONE

Fattouh R, Guo CH, Lam GY, Gareau MG, Ngan BY, Glogauer M, Muise AM, Brumell JH. Rac2-Deficiency Leads to Exacerbated and Protracted Colitis in Response to Citrobacter Rodentium Infection. 16(0):1629; 2013.
He HC-H, Kashat L, Kak I, Kunavisarut T, Gundelach R, Kim D, So AK-C, MacMillan C, Freeman JL, Ralhan R, Walfish PG. An Ep-ICD Based Index is a Marker of Aggressiveness and Poor Prognosis in Thyroid Carcinoma. 7(9); 2012.


Prenatal Diagnosis


Proteomics


Psychology & Health


Psycho-Oncology


Radiotherapy and Oncology


Rhinology


Supportive Care in Cancer

Dooks P, McQuestion M, Goldstein D, Molassiotis A. Experiences of Patients with Laryngectomies as They Reintegrate into Their Community. 20(3):489-498; 2012.


Surgical Endoscopy and Other Interventional Techniques


Systematic Reviews

Thyroid

Chaker S, Kak I, MacMillan C, Ralhan R, Walfish PG. Activated Leukocyte Cell Adhesion Molecule (ALCAM) is a Marker for Thyroid Cancer Aggressiveness and Disease-Free Survival. 23(2):201-208; 2013.

Presentations
Visiting Professorships & Invited Lectures

INTERNATIONAL

ARGENTINA
Gordon K

AUSTRALIA
Martino R

Invited Lecturer:
Dysphagia Screening in Stroke Patients: A review of the literature and the necessary steps to successful implementation.
Keynote Lecture: Medical Complications of Dysphagia Depend on Wom you Ask: Three point perspective explored.

BRAZIL
Freeman J
Invited Lecturer:
Central Compartment Neck Dissection: An Update. Shifting Paradigms in the Management of Thyroid Cancer Over the Past 30 Years (Keynote address). Management of Advanced Thyroid Cancer Invading the Laryngo-Trachael Complex. Moderator: Management of Thyroid Cancer Recurrence (Case Discussion). Moderator: Case Discussion: Management of the Thyroid Papillary Ca < 1 cm.
Internacional De Atualizacao em Cancer Da Tireoide. 2013 May.

Gordon K
Invited Speaker:
HEARING, 2nd International Congress on Deafness and Implantable Hearing Solutions. Sao Paulo, Brazil. 2013 May.

Liu F-F
Visiting Professor: PMH Head & Neck Cancer Translational Research Program. AC Camargo Cancer Center. São Paulo, Brazil. 2012 August.

CHINA
Liu F-F

Papsin B
The George Choa Distinguished Professorship in Otorhinolaryngology:
Exciting advances in pediatric otology (Hong Kong College of ORL).
The effective scientific presentation.
Awakening the auditory system with bilateral cochlear implants in children.
The Department of Surgery, Queen Mary Hospital, The University of Hong Kong. 2013 January.

CROATIA
Witterick I
Invited Lecturer:
Pitfalls & Pearls in the Surgical Management of Cancer of the Oral Cavity (Panelist) with: Rapidis A (Chairman), Hayden RE, Helman JI, Shaha AR (moderator), Shah JP.

CZECH REPUBLIC
Ngan B
Chair: Session OFP-16/Pediatric and perinatal pathology. European Society of Pathology, 24th European Congress of Pathology. 2012 September.
EGYPT
Papsin B
Invited Faculty:
- Decision making in pediatric tympanoplasty.
- Decision making in pediatric ossiculoplasty.
- Panel on Cochlear Implant complications.
- Balance disorders in children who are deaf.
- Awakening the auditory system after cochlear implantation.
- Cochlear implantation at the edge of the envelope.

FRANCE
Enepekides D

Gooden E

GERMANY
Gullane PJ
Invited Lecturer:
- History and Perspectives of Neck Dissection (Chairperson).
- Keynote Speaker: Neck Dissection in Advanced Head and Neck Cancer.
- Extent of Neck Dissection (Panelist).
- Lessons Learned and Future Questions (panelist).

GREECE
Enepekides D
Faculty: Reconstruction of the Oral Cavity and Oropharynx. 4th World Congress of the International Academy of Oral Oncology. Rhodes, Greece. 2013 May.

Gullane PJ
Faculty:
- Reconstructive Options Following Surgical Treatment of Oropharyngeal Carcinoma (Chairman).
- Role of Open Surgery in Chemo-RT Failure Patients- Is there a benefit? (Panelist).
- Panelist: Grand Debate #3 - Stump the Faculty.
International Academy of Oral Oncology (IAOO) 4th World Congress. Rhodes Greece. 2013 May.

Gilbert R
Faculty: Scapular Tip Free Flap (panelist). International Academy of Oral Oncology 4th World Congress. Rhodes, Greece. 2013 May.

Higgins K
Invited Lecturer:
- Microvascular Reconstruction and the Oral Cavity Defect.
- Reconstructive Techniques in the Era of Tissue Engineering (panel discussion).
- The Human Allotransplant Cimera, A Reality or a Contradiction.

Witterick I

IRAN
Adamson P
Invited Faculty:
- The Science of Beauty.
- Patient Selection for Rhinoplasty.
- The M-Arch Model of Nasal Tip Dynamics.
- Adolescent Cosmetic Rhinoplasty.
- Alar Base Reduction.
- Management of the Nasal Pyramid.
- Rhinoplasty Video Workshop.
- Management of the Bulbous Tip.
- Vertical Lobule Division.
- Management of the Hanging Columella.
- Rhinoplasty Patient Workshop.
- What I have Learned from my Cosmetic Surgery Patients.
- Lessons Learned from Revision Rhinoplasty.
- The Future of Facial Plastic Surgery.
- Tools to be a Successful Surgeon.
The Third International Symposium on Advanced Techniques in Rhinoplasty, Milad Hospital, University of Tehran. 2012 December.

IRELAND
Irish JC
Visiting Professor:
- Salivary Gland Malignancy.
- New Technologies in the Operating Room.
ISRAEL
Gordon K
Visiting Professor: Benefits of Simultaneous Bilateral Cochlear Implantation in Children. Sheba Medical Centre, Tel Hashomer, Tel Aviv University. Tel Aviv, Israel. 2012 August.

ITALY
Gilbert R

Ellis D
Invited Faculty:
  - Blue Vein Treatment.
  - Skin Tightening Current Thoughts.
  - Voluma Injection Male Cheeks.

Papsin B
Invited Faculty:
  - Tools to evaluate outcome after bilateral cochlear implantation in children.
  - EAONO guidelines on cochlear implantation.
  - Cochlear reimplantation disasters.
  - Providing auditory cues to improve stability in children who are deaf.
  - New indications in cochlear implantation.
13th International Meeting of the Mediterranean Society of Otology and Audiology, Castellammare di Stabia. 2012 October.

KOREA
Cushing S
Invited Speaker:

Gordon K


Papsin B
Visiting Professor:
  - Hearing Preservation in cochlear implantation I: Round Window vs. cochleostomy.
  - Hearing Preservation II: Tips and pearls.
  - Hearing Preservation III: Outcomes.

Invited Faculty:
  - Complications in Cochlear Implants.
  - Otitis media in children with cochlear implants.
  - The importance of bilateral cochlear implantation in children (CORLAS Symposium).
  - Bimodal hearing.
  - Hot topics in pediatric otolaryngology (Italian Society of Otolaryngology).
  - Controversies in the management of Pediatric hearing loss (Utah Symposium).
20th World Congress of International Federation of Otorhinolaryngological Societies (IFOS). 2013 June.

Irish JC
Invited Faculty:
  - The Role of Salvage Surgery after Failure of Chemoradiation in Head and Neck Cancer (Keynote).
  - Salvage Surgery: When Do We Do or Not to Do? (symposium chair)

RUSSIA
Adamson P
Invited Speaker: Lessons Learned from Revision Rhinoplasty. The Bonum Centre Face to Face mission Clinical Day. 2012 October.

Invited Speaker: Nasal Tip Dynamics. Ulyanovsk Regional Paediatric Hospital, Ulyanovsk Face the Future™ Humanitarian Mission. 2013 June.

SAUDI ARABIA
Enepekides D
Distinguished Lecturer:
  - Surgical Management of Advanced Well-Differentiated Thyroid Cancer.
  - Reconstruction of Segmental Mandibular Defects.
  - Surgical Management of Laryngeal Carcinoma.
Zain Medical Center, Kuwait City, Kuwait. 2013 April.
Gilbert R
Invited Lecturer:
- Surgical Management of Medullary Thyroid Cancer.
- Reconstruction of the Total Parotidectomy Defect with Facial Nerve Sacrifice.
- Evolving Role of Surgery in the Management of Laryngeal Cancer.
- Surgery in the Treatment of Advanced Tumours of the Larynx and Hypopharynx.
- Mandibular Reconstruction.

Gullane PJ
Invited Guest:
- The Management of Well Differentiated Thyroid Cancer in 2012: Nuances and Innovations.
Session I: Thyroid Tumors (moderator).
Session I: Thyroid Tumors (panel member).

Irish JC
Visiting Professor:
- Surgical Management of Medullary Thyroid Cancer.
- Management of the Neck in Thyroid Cancer.
- Management of the Local Disease-What is an acceptable margin?
- Thyroid Cancer (panelist).
- Melanoma of the Head and Neck (panelist).
2nd International Conference on Head and Neck Cancer. 2013 April.

SPAIN
Gordon K
Invited Speaker:
- Bilateral Cochlear Implantation in Children.
- Treatment for Sensorineural Hearing Loss in 2012 (panelist).
- Waking the Deprived Auditory System.

Martino R
Invited Lecturer:
- Screening or Initial Assessment: Dysphagia Perspective.
- Clinical Methods for Screening and Assessment on Adults: North American perspective.


TURKEY
Papsin B
Invited Faculty:
- The Importance of Bilateral Cochlear Implantation in Children.
- How to Ensure Appropriate Early Intervention Occurs Successfully: A consensus.
- Cochlear Science and Research Seminar on Early Intervention.
- The Green Park Pendik Center (Cochlear AG sponsored event). 2013 May.

Invited Faculty:
- Bilateral Implantation in Children: What have we learned so far? (Round table on simultaneous and sequential cochlear implantation).
- Stabilization of Balance Using Head References Cochlear Stimulation (Panel on effects of cochlear implants on the vestibular system).
11th European Symposium on Pediatric Cochlear Implantation. 2013 May.

Cushing S

Liu F-F

UNITED KINGDOM
Adamson P
Invited Faculty:
- Nasal Analysis Audience Workshop.
- Performing Osteotomies.
- Tip Deprojection and Rotation.
- The Large Nose (Panel Moderator).
- Debate on Profile Selection.
- Managing Perioperative Complications.
- Alar Base Management.
- Video Presentation on Crooked, Overprojected Nose.

Gilbert R
Visiting Professor:
- Keynote: Reconstructive Surgery.
- Hypopharyngeal Cancer.
European Head & Neck Course. United Kingdom. 2012 October.
Invited Lecturer:
- Challenges in Head & Neck Reconstruction.
- The Difficult Thyroid.
- Multinational Head & Neck MDT (panelist).
14th British Academic Conference in Otolaryngology (BACO). Glasgow, United Kingdom. 2012 July.

Papsin B
Visiting Professor:
- If Cochlear Implants are the Medium what is the Message? (Keynote Address)
- Bilateral Cochlear Implantation in Children - What have we learned? (Round Table on Implantation Otology).
14th British Academic Conference in Otolaryngology (BACO), Glasgow, United Kingdom. 2012 July.

Rutka J
Invited Lecturer:
- Tumours of the CP Angle and Lateral Skull Base.
- Paradigm Changes in the Surgical Decision Making Process.
- Cadaveric Tympanomastoid Surgery. The Facial Nerve and How to Protect it When Performing a Modified Radical Mastoidectomy.

UNITED STATES
Adamson P
Invited Faculty:
- Patient Selection and Management of the Aesthetic Patient.
- Analysis of Patient Complaints in Primary and Secondary Rhinoplasty.
- Videotape Presentation of Crooked Nose Rhinoplasty.
- Judge on Panel on Controversies in Aesthetic Surgery.

Invited Faculty:
- Rhinoplasty Analysis: Case Based Approach (Panel Moderator).
- Creating the Ideal Nasal Tip Shape (Panellist).
- Managing the Difficult Patient (Panellist).
- Cadaver Dissection Course (Tutor & Prosector for Demo).
- Advances in Rhinoplasty.

Guest Faculty:
- Nasal Evaluation and Surgical Goals.
- Managing Nasal Tip Projection.
- Alar Base Reduction.
- The Post-Traumatic Nose.
- Things I Taught but No Longer Do.

Invited Faculty:
- The Evolution of Facelift Technique: Where we are and where we are going (Panel Moderator).
- Cosmetic Otoplasty (Instruction Course).
- Modification and Refinement of the Nasal Tip.

Cushing S


Druker S
Invited Lecturer: Laryngeal Papillomatosis Associated Dysplasia in the Adult Population- An update on prevalence and HPV sub-typing. The fall voice conference Atlanta, GA. 2013.

Ellis D
Featured Guest Speaker:
- Forehead and Browlift: Important Points to Consider.
- Fillers & Injectables.
- Laser Treatment in Facial Plastic Surgery.
- Osteotomies in Rhinoplasty: Why and How?

Enepekides D
Invited Lecturer:
- Non-Melanoma Skin Cancer.
- Laryngeal Preservation (panelist).
- Cancer of the Oral Cavity and Oropharynx (panelist).
- Stump the Faculty (panelist).
Freeman J
Invited Lecturer:
Revision Neck Dissection for PTC Nodes.
Mistakes-Problems-Solutions.
Surgery of the Thyroid and Parathyroid Glands, Boston, MA.
2012 November.


Gordon K


Gullane PJ
Visiting Professor:
The Robert Selfe MD Lecture: Creativity and Innovation in Head & Neck Lessons Learned: Imagine the Future.
Judge: Resident Research Papers.
Cornell University, Ithaca, NY. 2013 June.


Gilbert R
Invited Speaker:
Management of Cutaneous Melanoma
Maxillary Reconstruction
Surgery for Major Salivary Tumours
Management Options for Early Glottic Cancer
Hemilaryngectomy Reconstruction
Subscapular System of Flaps


Distinguished Visiting Professor:
Creativity and Innovation in Head and Neck Surgery.
Surgical Salvage in the Chemoradiation Era
New Concepts in Maxillary Reconstruction.
University of Texas. MD Anderson Cancer Center. Houston TX. 2013 January.

Irish JC
Invited Faculty:
Cancer of the Oral Cavity and Oropharynx (panel moderator).
Parotidectomy.
Stump the Faculty (panel moderator).

Liu F-F


Lee J

Papsin B
Invited Speaker: Twelve things you gotta know about pediatric otology. 28th Annual Meeting of the American Society of Pediatric Otolaryngology(ASPO). Arlington, VA. 2013 April.

Invited Faculty:
Two Ears Are Better Than One: Awakening the auditory system in children after bilateral cochlear implantation.
Surgeon’s panel - Issues in cochlear implantation.

Propst EJ

Vescan A
Invited Faculty:
  Endoscopic Approaches and Anterior Skull Base (Moderator).
  Skull Base Jeopardy.

NATIONAL
Adamson P
Visiting Professor:
  Surgical Scar Revision
  Nasal Analysis and Rhinoplasty Workshop
  Journal Club
  Strategies and Attitudes to Achieve Professional Success (Grand Rounds)
Department of Otolaryngology–Head & Neck Surgery, University of Calgary, Calgary, AB. 2013 April.

Brandt M
Invited Lecturer.
  Facial Trauma for the Otolaryngologist–Head & Neck Surgeon.
  Rhinoplasty: The basics.
  Preparing for the Royal College Oral Examination in Facial Plastic & Reconstructive Surgery.

Campisi P

Conrad K
Invited Lecturer:
  Customizing your Facelift Surgery.
  Practical Examples of Management of the Aging Face – Case presentation.

Cushing S

Enepekides D
Chair: Free Flap Reconstruction of Large Mandibular Defects. AOCMF - Principles of Operative Treatment of Craniofacial Trauma and Reconstruction. Quebec City, QC. 2013 April.

Higgins K
Invited Speaker:
  Management of Parasymphysisal Fractures.
  Video Presentation on Lag Screw Fixation.
AO Society. Quebec City, QC. 2013 April.

Irish JC
Invited Speaker:
  Implementation of Organizational Standards in Surgical Oncology: The Ontario Experience.
  Co-Moderator: Guideline Implementation Strategies.
Alberta Health Services, Provincial Head and Neck Tumour Team Meeting, Edmonton, AB. 2012 October.

Martino R

Witterick I

PROVINCIAL/LOCAL
Adamson P
Invited Speaker: A Personal Overview of Primary Rhinoplasty. Anderson Study Group, University of Toronto Faculty of Dentistry. Toronto, ON. 2012 October.

Brandt M

Conrad K
Guest Lecturer:
  Local flaps in nasal reconstruction.
  Examinable topics in facial plastic & reconstructive surgery.
Otolaryngology Teaching Rounds. Division of Otolaryngology-Head and Neck Surgery, Department of Surgery, McMaster University. Hamilton, ON. 2012 September.
Campisi P


Chiodo A
Demonstrator: Management of Surgical Airway. Principles of Surgery, Surgical Bootcamp. Department of Surgery, Faculty of Medicine, University of Toronto. Toronto, ON. 2013 July.

Presenter: Faculty Development Seminar in Undergraduate Medical Education. Department of Otolaryngology-Head & Neck Surgery, Toronto East General Hospital, Faculty of Medicine, University of Toronto. Toronto, ON. With Bajcar J. 2013 June.


Presenter: Faculty Development Seminar in Undergraduate Medical Education. Department of Otolaryngology-Head & Neck Surgery, Mississauga Academy of Medicine, Faculty of Medicine, University of Toronto. Toronto, ON. With Bajcar J. 2013 May.


Faculty: Pediatric Otolaryngology-Head & Neck Surgery, MMMD course, second year medical school class. Faculty of Medicine, University of Toronto. Toronto, ON. 2013 February.

Invited Faculty: MMMD Seminar. Fitzgerald Academy, Faculty of Medicine, University of Toronto. 2013 February.

Invited Speaker: Longitudinal Experiences in Otolaryngology-Head & Neck Surgery. Preclerkship Committee, Faculty of Medicine, University of Toronto. Toronto, ON. 2013 January.

Invited Speaker: Clerkship and Longitudinal Experiences in Otolaryngology-Head & Neck Surgery. Markham Stouffville Hospital. Markham, ON. 2013 January.


Faculty: OtoSim™ Seminar,“Otosis Night”, second year medical class, Faculty of Medicine, University of Toronto. Toronto, ON. With Lee J, Vescan A, Campisi P, Forte V. 2013 February.

Cushing S

Druker S
Expert panelist:
Reflux Laryngitis. Difficult Cases.
The Annual Otolaryngology Update, Department of Otolaryngology-Head & Neck Surgery, University of Toronto. Toronto, ON. 2013.


Ellis D

Enepekides D
Visiting Professor:
Lunch with the Professors - Oral Cavity Tumor Board (panelist).
Indications for Adjuvant Therapies after Surgical Treatment of Oral Cavity Cancer.
8th International Conference on Head and Neck Cancer. Toronto ON. 2012 July.

Gullane PJ
Invited Speaker. Human Papilloma Virus and Head & Neck Cancer. Ontario Association of Radiologists (OAR) meeting, Toronto, ON. 2013 May.

Higgins K
Presenter: Contemporary Management of Melanoma and the OCC Head and Neck SLN Experience. University of Toronto, Faculty of Medicine, Department of Otolaryngology-Head and Neck Surgery. 2013 March.


Faculty: University of Toronto Microvascular Head and Neck Reconstruction Course. Toronto, ON. 2012 July.


Irish JC


Faculty:
Robotic in Head and Neck Cancer Surgery (panel moderator).
Proffered Papers: Genomics I (panel moderator).
Tumor Board: Melanoma (lecturer).

Freeman J

Faculty:
Papillary Thyroid Cancer (Panel Moderator).
Tumor Board: Thyroid Neoplasms.
Extent of Surgery in Thyroid Cancer.

Goldstein D
Faculty:
Prognostic Biological Parameters in Neck Dissection Specimens (panelist).
Proffered Papers: Genomics I (moderator).
Practical Use of Patient Reported Outcomes in Day-to-Day Clinical Care (instructor).

Faculty:
Technique of Harvest Forearm Flap and Demonstration (lecturer).
Harvest of Forearm Flap (panelist).
The Forearm Flap (lecturer).
University of Toronto Microvascular Head & Neck Reconstruction Course. Toronto, ON. 2012 June.

Gordon K


Propst E


Lee J


Invited Speaker: Chronic Rhinosinusitis – Where are we in 2012? Division of Allergy & Immunology Teaching Rounds, St. Michael’s Hospital, Toronto, ON. 2012 October.

Course Host & Invited Faculty/Speaker:
Endoscopic Anatomy of the Lateral Nasal Wall.
Comprehensive Management of the Frontal Sinus.

Liu F-F
Invited Lecturer:
The Next Frontiers of HPV OPC Biomarkers and Signature Therapeutics: Integrating into Clinical Practice
8th International Conference on Head & Neck Cancer. Toronto ON. 2012 July.


Martino R
Recovering Swallowing Function after Chemoradiotherapy.

Evidence-Based Practice in Speech-Language Pathology.


Rutka J
Invited Lecturer:
Challenges and Controversies in mTBI: The Science and Clinical Management of Concussions.
Treatment of Vestibular Disorders in the Traumatic Brain Injured Patient
St. Michael’s Head Injury Program. Toronto, ON. 2013 February.

Vescan A

Presenter: Airway Management and Surgical Airway.


Witterick I
Invited Speaker: CaRMS interviews: Traditional vs. MMI. All Program Director’s Meeting, Postgraduate Medical Education, Faculty of Medicine, University of Toronto. Toronto, ON. 2013 June.

Invited Lecturer: Endoscopic Approaches and Reconstruction for Sinonasal/Skull Base Neoplasms.


Invited Speaker: Management of CRS/FESS. Oral & Maxillofacial Surgery Resident, Faculty of Dentistry, University of Toronto. Toronto, ON. 2012 October.


Papers Presented at Conferences/Society Meetings

INTERNATIONAL

INDIA


ITALY

A Sensitive Period for Bilateral Auditory Development in Children who are Deaf. Scientific meeting of the Collegium Oto-Rhinolaryngologicum Amicitiae Sacrum. Rome, Italy. Presenters: Gordon KA, Papsin BC.


POLAND


SPAIN


SWITZERLAND

THE NETHERLANDS

TURKEY


UNITED KINGDOM


UNITED STATES


Anatomical Variants and Landmarks for the Anterior Ethmoid Artery: A study of CT imaging. 23rd Annual Meeting of the


NATIONAL


Media Presentation


Proceedings of Conferences


No activity was available for Drs. J. Anderson, J. Chapnik, J. Davidson, R. Fenton, V. Forte, A. James or M. Zirkle.
The new Boardroom at the University office of the Department of Otolaryngology - Head & Neck Surgery

Former Head & Neck Fellows of the Department at the 8th International Conference on Head & Neck Cancer held in Toronto July 2012 (Program Chair: Dr. Jon Irish)

New plaque for Educators of the Year which will feature the photograph of the annual award recipient.
Department of
OTOLARYNGOLOGY – HEAD & NECK SURGERY

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