ANNUAL REPORT 2010-2011
UNIVERSITY OF TORONTO

Department of Otolaryngology – Head and Neck Surgery
Professor and Chair
Dr. P.J. Gullane
Vice Chair, Director of Postgraduate Education and
Director of Continuing Education & Professional Development
Dr. I.J. Witterick
Undergraduate Director
Dr. P. Campisi
Research Director
Dr. R.V. Harrison

Otolaryngologists-in Chief:
Hospital for Sick Children
Dr. V. Forte
Mount Sinai Hospital
Dr. J.L. Freeman
North York Hospital
Dr. E. Gooden
St. Joseph’s Health Centre
Dr. R. Fox
St. Michael’s Hospital
Dr. J. Anderson
Sunnybrook Health Sciences Centre
Dr. J.M. Chen
Toronto East General Hospital
Dr. O. Smith
Trillium Health Centre
Dr. F.M. de Souza
The University Health Network
Dr. P.J. Gullane

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

Committee Chair holders:
Executive
Dr. P.J. Gullane
Postgraduate
Dr. I.J. Witterick
Undergraduate
Dr. P. Campisi
Continuing Education & Professional Development
Dr. I.J. Witterick
Research
Dr. R.V. Harrison
Audiology
Ms. K. Riko and Ms. V. Papaioannou
Promotions
Dr. R.V. Harrison
Departmental Appointments Committee (DAC)
Dr. J.C. Irish
Budget Advisory
Dr. P.J. Gullane
Community Academic Faculty
Dr. R. Rival
Edited By:
Dr. P.J. Gullane

Acknowledgements To:
Ms. Z. Huezo
Ms. A. Martin

Designed And Printed By:
Thistle Printing Limited
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(November 14, 2011 / 08:07:02)
Mission Statement

Department of Otolaryngology – Head and Neck Surgery

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.
Chair’s Report

Dr. P.J. Gullane

It gives me great pleasure to present to you the University of Toronto, Department of Otolaryngology – Head & Neck Surgery Annual Report for the academic year 2010-2011.

Our Department continues to strive for excellence in research, education and clinical practice. We have witnessed the number of peer-reviewed publications increase when compared to the previous year. I am indebted to all members of the department for their commitment to academic productivity within all our sub-specialty sites. This year was highlighted with a great number of outstanding achievements.

We welcomed some new members to the Department including Dr. Sharon Cushing who, effective September 1, 2010, was appointed to the surgical staff of The Hospital for Sick Children after she successfully completed a Fellowship in Pediatric Otolaryngology Head and Neck Surgery, at the University of Washington in Seattle. Dr. Evan Probst who, effective November 1, 2010, was also appointed to the surgical staff of The Hospital for Sick Children after he too successfully completed a two-year Fellowship in Pediatric Otolaryngology – Head and Neck Surgery, at the Cincinnati Children’s Hospital.

Our congratulations to Dr. Adrian James and Dr. Karen Gordon who were promoted to the rank of Associate Professor effective July 1st, 2011. In addition, congratulations to the following members of the department on their promotion to Assistant Professor: Dr. David Goldstein, Dr. Rick Fox, Dr. Robert Josephson, Ms. Vicky Papaioannou and Dr. Yvonne Chan. These recommendations were approved by the Dean and Provost. I am indebted to Dr. Robert Harrison and the Promotions committee for their commitment to this rigorous process.

Many members of the department received local and national awards, all of which are included under either Postgraduate, Undergraduate, Research or Hospital Reports.

Dr. Jeremy Freeman was the recipient of the “2010-2011 Colin R. Woolf Award” for long term contributions to continuing education at the University of Toronto.

We were all proud of Dr. Ian Witterick who received the “2011 Charles Mickle Fellowship Award” – This award is intended for an individual who has contributed greatly to medicine during the past 10 years. Dr. Witterick was selected by the Postgraduate Medical Education office, University of Toronto for his considerable contribution to the advancement of medical education at the University of Toronto in Postgraduate Medical Education. This was the first time this award was granted to a member of Otolaryngology – Head & Neck Surgery.

We congratulate two of our residents, Dr. Nikolaus Wolter who received first place for his research paper presented at the Resident Research Day symposium for residents from the Triological Society (Eastern Section) programs in New York City on June 18, 2011 and Dr. Brad Hubbard who was the recipient of one of the two prizes at the 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery National Poliquin Resident Research Competition May 2011.

Dr. Kian Karimi, Fellow in Facial Plastic and Reconstructive Surgery with Dr. Peter Adamson, received the prestigious AAFPRS John Orlando Roe award for his fellowship research paper resulting from work undertaken during his fellowship year with Dr. Adamson.

Our thanks to all the individuals who supported the many important contributions to teaching, research and patient care over the past year.

Dr. Bob Harrison coordinated a Research Evening October 2010 that as in prior years has helped significantly in stimulating resident interest in pursuing research initiatives and Master’s thesis.

On April the 19th, 2011 the Department’s residency training program underwent a very successful internal review. The Review Committee commends this as a model program and recognizes the Program Director as a leader of “how to develop an exemplary program
which meets evolving standards.” We are indebted to Dr. Ian Witterick, Program Director, for his superb leadership in preparing the extensive documentation for this review. These remarks clearly demonstrate the vision of Dr. Witterick. My thanks and appreciation to all members of the department including our residents who participated in facilitating this most important initiative.

This past year Dr. Paolo Campisi and his Undergraduate Education Committee undertook a restructuring to a 4-week duration of the undergraduate curriculum to greatly improve the student to faculty ratio in the ambulatory teaching setting. Didactic teaching was shifted from this rotation to pre-clerkship. These initiatives have resulted in more time during the clerkship rotation for hands-on ambulatory teaching, in-patient ward experience and time in the operating room.

Dr. Campisi, Dr. Witterick and Dr. Gullane made numerous visits to the faculty at the Mississauga Academy helping to develop the pre-clerkship courses which will come into effect in 2012/2013. We are indebted to the faculty at both the Trillium Health Centre and The Credit Valley Hospital for their support of this initiative. Thanks also to Dr. Nito de Souza for facilitating the visits and to Dr. Norman Hill, Vice President of Medical and Academic Affairs at Trillium who have been most supportive in helping to coordinate the expansion of the educational programs for our students and residents.

This past year we have witnessed an unprecedented number of CEPD events, lead by our CEPD Director, Dr. Ian Witterick. These are all documented in a separate CEPD report from our Director.

Dr. Ralph Gilbert participated in the International Federation of Head and Neck Oncologic Society’s 2nd World tour titled “Current Concepts in Head and Neck Surgery and Oncology” from October the 1st to October the 31st, 2010. This unique educational event included seven other world leaders in head and neck oncology who travelled to provide state of the art knowledge and explored the frontiers of head and neck cancer diagnosis and treatment.

The Division of Facial Plastic and Reconstructive Surgery has been extremely active over the past year in education, course events that have enhanced the knowledge of our residents and fellows in this most important subspecialty. I am indebted to the Division Head, Dr. Peter Adamson and members of the division for their commitment and support.

Drs. Al Chiodo, Richard Rival and Ian Witterick co-directed another very successful “Otolaryngology – Head and Neck Surgery Update” at the Toronto East General Hospital site on February 12th, 2011. This event brings together some 50% of all practicing Otolaryngologists in Ontario and has become one of the events that has helped to bridge the gap between University and community.

On June the 11th, 2011, Dr. Jeremy Freeman organized another very successful course on Thyroid and Parathyroid disease titled “Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease.” This interactive course included guest faculty from the major head and neck cancer units in North America.

Dr. Dale Brown who had served as President of the Canadian Society of Otolaryngology – Head & Neck Surgery 2010-2011 successfully completed his term as President of the Society with a very successful meeting in Victoria, BC, May 22-24, 2011. We congratulate Dale on this recognition and for having served in this most important position in our specialty. The meeting attracted one of the largest numbers of Otolaryngologists-Head and Neck surgeons to our national meeting.

During this past year, we have again experienced significant interest in all of the fellowship programs within the department. The international profile of the department has attracted numerous clinical and research fellows. The translational research program, which was developed some years ago at the Princess Margaret Hospital, jointly with the Department of Radiation Oncology, Medical Oncology and Basic Sciences has once again enhanced the research output of our department.

This past year, the Departmental Appointments Committee (DAC) chaired by Dr. Jonathan Irish reviewed numerous applications for appointments to the Department of Otolaryngology – Head and Neck Surgery. The majority of these individuals have been appointed to the Adjunct Lecturer category. The many community affiliated hospitals include The Scarborough Hospital, Southlake Regional Health Centre, The Credit Valley Hospital and Trillium Health Centre. The process includes a letter of application from the candidate, a support letter from the Otolaryngologist-in-Chief at the hospital, submission of a CV and documentation of good standing in the College of Physicians and Surgeons of Ontario. The Chair of the DAC and his committee submit their recommendations to the Chair who then make the final decision of the appropriate appointment.
In conclusion, I take this opportunity to welcome the many newly appointed faculty, and in addition my thanks and appreciation to Mrs. Audrea Martin, Mrs. Zoila Huezo and Ms. Sandra Kellogg who on a daily basis provide superb leadership for our department.

My thanks to Paolo Campisi and members of the Undergraduate Committee, D. Brown, Y. Chan A. Chiodo, J. Davidson, S. Druker and A. Vescan for their support in further enhancing this most important role of our University Department.

My thanks again to Dr. Ian Witterick and members of the Postgraduate Committee, A. Chiodo, P. Campisi, A. Gantous, R. Gilbert, K. Higgins, V. Lin, A. Alexander and E. Prisman, A. Wong, J. Guillemaud, N. Wolter, L. Kus and D. Pothier for their untiring efforts in enhancing this most important aspect of our Department.

My thanks and appreciation to Dr. Robert Harrison in his position as Chair of the Research Committee within the Department of Otolaryngology – Head & Neck Surgery for his continual innovations, leadership and guidance. This committee has helped stimulate and foster clinical and basic research and also enhance the resident interest in both the Surgeon Scientist Program and in pursuing a Master’s thesis.

List of Faculty Members and Appointments

Professor and Chair
P.J. Gullane, CM, MB, FRCSC, FACS, Hon-FRACS, Hon-FRCS

Professores Emeriti:
P.W. Alberti, MB, Ph.D., 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, M.Sc., FRCSC
J.M. Nedzelski, MD, FRCSC

Professors:
S.M. Abel, Ph.D.
P.A. Adamson, MD, FRCSC, FACS
D.H. Brown, MB, FRCSC
D.A.F. Ellis, MD, FRCSC
V. Forte, MD, FRCSC
J.L. Freeman, MD, FRCSC
J. Friedberg, MD, FRCSC
R.W. Gilbert, MD, FRCSC
J. Haight, B.M., DPhil, FRCSC
R.V. Harrison, Ph.D. D.Sc.
M.L. Hyde, Ph.D.
J.C. Irish, MD, M.Sc., FRCSC, FACS
A.M. Noyek, MD, FRCSC
B.C. Papsin, MD, M.Sc., FRCSC
R. Ralhan, Ph.D, D., FNAMS
J.A. Rutka, MD, FRCSC
I.J. Witterick, MD, MSc, FRCSC

Associate Professors:
P. Campisi, MD, FRCSC
J.S. Chapnik, MD, FRCSC
J.M. Chen, MD, FRCSC
K. Conrad, MD, FRCSC, FRCS
M.J. Davidson, MD, M.Sc., FRCSC
R.S. Fenton, MB, FRCSC, FRCS
K. Riko, M.Sc. (Appl)
A.J. Smitheringale, MB, M.Ed., FRCSC

Assistant Professors:
J. Anderson, MD, FRCSC
M. Cashman, M.Sc.
Y. Chan, MD, FRCSC
A. Chiodo, MD, FRCSC
K.Y. Chow, MB, FRCSC
S. Cushing, 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
K. Gordon, PhD, CCC-A, Reg. CASLPO
D. Goldstein, MD, MSc. FRCSC
J. Halik, MD, FRCSC
K. Higgins, MD, FRCSC
A. James, MB, FRCSC, FRCS
R.L. Josephson, MD, FRCSC
V. Lin, MD, FRCSC
W.S. Middleton, MD, FRCSC
V. Papaioannou, M.CI.Sc.
E.J. Propst, MD, MSc, FRCSC
D.B. Shipp, M.A.
O. Smith, MD, FRCSC
P.S. Wade, MD, D.D.S., FRCSC
M. Zirkle, MD, FRCSC
Lecturers:
J. Adamonis, M.CI.Sc.
J. Asaria, MD, BSc, FRCSC
G. Beard, MD, FRCSC
I. Bennett, M.A.
D. Brown, MD, FRCSC
A.J. da Silva, MB, FRCSC
T. Davids, MD, FRCPC
S. Druker, M.CI.Sc.
D. Finkelstein, MD, FRCSC
E. Gooden, MD, FRCSC
G. Goulding, M.CI.Sc.
H.K. Guirgis, MB, CHB, FRCSC
A. Katyal, MD, FRCSC
W. Kaul, MB, FRCSC
J. Kolenda, MD, FRCSC
J. Lee, MD, FRCSC
L. MacDonald, M.CI.Sc.
B. Marcarian, MD, FRCSC
J. Mendelsohn, MB, Ch.B, FRCSC
R. Mounsey, MD, FRCSC, FACS
D. Naiberg, MD, FRCSC
K. Nazarali, MD, FRCSC, FACS
X. Punthakee, BSc, MD, FRCSC
R. Rival, MD, FRCSC
L. Segall, MD, MSc, FRCSC
J. Shahin, MD, FRCS
K. Smilsky, MCI.Sc.
P. Solomon, MD, FRCSC
E. Thurier, M.CI.Sc.
A. Toth, MD, FRCSC
A. Vescan, MD, FRCSC
J. Werger, MD, FRCSC
J. Werger, M.A.
E. Wong, M.CI.Sc.
J. Wong, MD, FRCSC, OMC

Instructors:
B. Bliss, M.A.
N.A.T. Sandor, M.Sc.

Cross-Appointed Staff

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

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

Assistant Professors:
E.S. Bartlett, MPH, MD, Medical Imaging
S. Laughlin, MD, FRCPC, Medical Imaging
B.Y. Ngan, MD, FRCPC, Laboratory Medicine & Pathobiology
B. Perez-Ordoñez, MD, FRCPC, Laboratory Medicine & Pathobiology
S. Symons, BASc, MPH, MD, FRCPC, Medical Imaging
J. Waldron, MD, FRCPC, Radiation Oncology
E. Yu, MD, FRCPC Medical Imaging

Lecturers:
J. Allegro, M.Sc, Speech Language Pathology
P. Ranalli, MD, FRCPC, Medicine
D. Storms, M.Sc., Speech Language Pathology

Administrative Staff:
A. Martin, Business Officer
Z. Huezo, Departmental Secretary
S. Kellogg, Postgraduate Administrator
## Residents

### PGY 1
- Antoine Eskander
- Vinay Fernandes
- Lukas Kus
- Jennifer Wang
- Xia Zhao

### PGY 2
- Eric Arruda
- Janet Chung
- Amandeep Grewal
- Mazin Merdad
- Tulika Shinghal
- Nikolaus Wolter

### PGY 3
- Jennifer Guillemaud
- Luke Harris
- Bradley Hubbard
- Thileeban Kandasamy
- Eric Monteiro

### PGY 4
- Dustin Dalgorf
- Artur Gevorgyan
- Sharon Morong
- Eitan Prisman
- Adrienne Wong

### PGY 5
- Ashlin Alexander
- Nitin Chauhan
- John de Almeida
- Theresa Holler
- Nadarajah Sanjeevan
- Raewyn Seaberg
Fellowships

Head and Neck Oncology:
Dr. Boban Erovic
Drs. Dale Brown, David Goldstein [PMH/UHN]
Drs. Kevin Higgins, Danny Enepekides [SHSC]
Dr. Yves Jaquet
Drs. Dale Brown, David Goldstein [PMH/UHN]
Drs. Kevin Higgins, Danny Enepekides [SHSC]
Dr. Eric Bissada
Dr. Jonathan Irish [PMH/UHN]
Dr. Marc Cohen
Drs. Ralph Gilbert, Patrick Gullane [PMH/UHN]
Dr. Benjamin Dixon
Dr. Jonathan Irish [PMH/UHN]
Dr. Raefe Gundelach
Dr. Jeremy Freeman [MSH]
Dr. Mark Smith
Drs. Ralph Gilbert, Patrick Gullane [PMH/UHN]

Facial Plastic Surgery:
Dr. Kian Karimi
Dr. Peter A. Adamson [UHN]
University Health Network
Dr. Lisa Wilson
Dr. David E. Ellis [UHN]

Pediatric:
Dr. Yamilet Tirado
Drs. Paolo Campisi, Vito Forte, Robert V. Harrison
Hospital for Sick Children
Dr. Faisal Abdulkader
Drs. Paolo Campisi, Vito Forte, Robert V. Harrison
Hospital for Sick Children
Dr. Alex Osborn
Drs. Paolo Campisi, Vito Forte, Robert V. Harrison
Hospital for Sick Children

Rhinology/Research:
Dr. Majid Bani-Ata
Dr. Ian Witterick [MSH]
Dr. Marcela Fandino
Dr. Ian Witterick [MSH]
Dr. Victor Orostegui
Dr. Ian Witterick [MSH]

Neurotology-Skull Base Surgery:
Dr. Paul Mick
Drs. Joseph Chen, Julian Nedzelski, Vincent Lin [SHSC]
Dr. Hosam Amoodi
Drs. Joseph Chen, Julian Nedzelski, Vincent Lin [SHSC]

Medical Neurotology/Otology:
Dr. Saisuree Nivatwongs
Dr. John Rutka [UHN]
Dr. David Pothier
Dr. John Rutka [UHN]
Dr. Philip Lai
Dr. John Rutka [UHN]

TWJ Neurotology Fellowship:
Dr. Chris Coulson
Dr. John Rutka [UHN]

Laryngology:
Dr. Emer Lang
Dr. Jennifer Anderson [SMH]
Dr. Lega Natto
Dr. Jennifer Anderson [SMH]

Graduating Class 2011

Residents successful in FRCS (C) June 2011:
Dr. Ashlin Alexander, Theresa Holler, Raewyn Seaberg, Nitin Chauhan, John de Almeida
Visitors to the Department

Dr. Martin Birchall  
Professor of Laryngology and Consultant Laryngologist  
Royal National Throat, Nose and Ear Hospital

Dr. Kelly Bowman  
Clinical Bioethicist  
Mount Sinai Hospital & University of Toronto  
Joint Centre for Bioethics

Dr. Martin Burton  
Consultant Otolaryngologist, Oxford Radcliffe NHS Trust  
Senior Clinical Lecturer, University of Oxford

Dr. Noam Cohen  
Assistant Professor, Dept of Otorhinolaryngology – HNS Division of Rhinology, University of Pennsylvania

Dr. Martin J. Corsten  
Chair, Department of Otolaryngology – Head and Neck Surgery  
University of Ottawa

Dr. Sam Daniel  
Director, Pediatric Otolaryngology  
McGill University

Dr. Paul Donald  
Professor and Vice Chair  
Department of Otolaryngology – Head and Neck Surgery  
UC Davis Medical Center, Sacramento, California

Dr. Jacques Guilbert  
Physician Risk Manager  
The Canadian Medical Protective Association

Dr. Ehab Y. Hanna  
Professor and Vice Chair  
Department of Head and Neck Surgery  
University of Texas M. D. Anderson Cancer Center

Dr. Frans JM Hilgers  
Netherlands Cancer Institute, Amsterdam/ Antoni van Leeuwenhoek Hospital  
Institute for Phonetic Sciences, and  
Academic Medical Center, University of Amsterdam, The Netherlands

Dr. Kellie Leitch  
Associate Professor  
Department of Surgery, University of Toronto

Dr. Robert Miller  
Executive Director, American Board of Otolaryngology  
Baylor College of Medicine Houston, Texas

Dr. Corey Moore  
Associate Professor  
Program Director & Site Chief  
University of Western Ontario

Dr. Lorne Parnes  
Department of Otolaryngology – Head and Neck Surgery  
University of Western Ontario

Dr. Mark Taylor  
Dalhousie University

Dr. David J. Terris  
Porubsky Professor and Chairman  
Department of Otolaryngology  
Medical College of Georgia

Dr. Elina Toskala  
Center for Applied Genomics  
The Children’s Hospital of Philadelphia  
Philadelphia, PA

Dr. Brian D. Westberger  
Clinical Associate Professor of Otolaryngology – HNS  
University of British Columbia

Dr. Erin Wright  
University of Alberta

Dr. John Yoo  
Chair,  
Department of Otolaryngology – Head and Neck Surgery  
University of Western Ontario
Publications

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

* Indicates resident, fellow or graduate student

Books


Books Chapters


Peer-Reviewed Articles


Dooks P, McQuestion M, Goldstein D, Molassiotis A, “Experiences of Patients with Laryngectomies as they Reintegrate Into their Community.” Support Care Cancer. 2011 Feb 6. [Epub ahead of print]


Sepehr A*, Chauhan N*, Alexander AJ*, Adamson PA,
“Evolution in Nasal Tip Contouring Techniques: A 10-
Year Evaluation and Analysis.” Arch Facial Plastic and

C, Freeman JL., “Decision Making for the Extent of
Thyroideectomy in the Patient with Atypical Cytologic Results.”
2010.

Shah MD*, Goldstein DP, McCluskey SA, Miles BA*,
Transfusion Prediction in Patients Undergoing Major Head
and Neck Surgery with Free-Flap Reconstruction.” Arch
2010.

Sharma G*, Mirza S*, Parshad R, Srivastava A, Gupta SD,
Ralan R, “Clinical Significance of Promoter Hypermethylation
of DNA Repair Genes in Tumor and Serum DNA in Invasive
Ductal Breast Carcinoma Patients.” Life Sciences 17:87(3-

Sharpe JA, Kumar S, Sundaram AN, “Ocular Torsion and
February 2011.

Shi W, Gerster K, Alajez NM, Tsang J, Waldron L, Pintilie M,
Hui AB, Sykes J, P'ng C, Miller N, McCready D, Fyles A,
Liu FF, “MicroRNA-301 Mediates Proliferation and Invasion in
Human Breast Cancer.” Cancer Res. 71(8):2926-37. April 15,
2011.

Soulières D, Greer W, Magliocco AM, Huntsman D, Young S,
Tsao MS, Kamel-Reid S, “KRAS Mutation Testing in the
Treatment of Metastatic Colorectal Cancer with Anti-EGFR

Stapleton E, Das-Purkayastha P*, Pothier DD*, Rutka JA,
“Emla Patch for Myringotomy and Ventilation Tube Insertion in

Stevens CM, Huang SH, Fung S, Bayley AJ, Cho JB,
Cummings BJ, Dawson LA, Hope AJ, Kim JJ, O’Sullivan B,
Waldron JN, Ringash J, “Retrospective Study of Palliative
Radiotherapy in Newly Diagnosed Head and Neck
ahead of print].

Sukhai MA, Thomas M, Hamadanizadeh SA, Xuan Y,
Wells RA, Kamel-Reid S, “Correlation Among Nuclear
Localization of NuMA-RARα, Deregulation of Gene
Expression and Leukemic Phenotype of hCG-NuMA-RARα

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Head and Neck Tumorigenesis and its Nuclear Accumulation
is Associated with Poor Disease Prognosis.” PLOS ONE

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Event in Head and Neck Tumorigenesis and is Associated
with Poor Disease Prognosis.” PLOS One 6(5):e19213. May 5,
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van Driel AA, Mureau MA, Goldstein DP, Gilbert RW, Irish JC,
Gullane PJ, Neligan PC, Hofer SO, “Aesthetic and Oncologic
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and Forehead Defects after Malignant Tumor Resection: An
August 2010.

Vongpaisal T, Trehub SE, Schellenberg EG, van Lieshout P,
Papsin BC, “Children With Cochlear Implants Recognize Their

“Rapid Automated Treatment Planning Process to Select
Breast Cancer Patients for Active Breathing Control to Achieve
Cardiac Dose Reduction.” Int J Radiat Oncol Biol Phys.
November 17, 2010. [Epub ahead of print].

Wang JR*, Yuen HW*, Shipp DB, Stewart S, Lin VY, Chen JM,
Nedzelski JM, “Cochlear Implantation in Patients with
Autoimmune Inner Ear Disease Including Cogan Syndrome:
A Comparison with Age-and Sex-Matched Controls.”

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Gland Showing Features of Striated Duct Differentiation
(‘Striated Duct Adenoma’): A Report of Six Cases.”

White HE, Matejtschuk P, Rigsby P, Gabert J, Lin F,
Lynn Wang Y, Branford S, Müller MC, Beaufils N, Belliard E,
Colomer D, Dvorakova D, Ehrencreuna H, Goh HG, El Houssni
H, Jones D, Kairisto V, Kamel-Reid S, et al. “Establishment
of the first World Health Organization International Genetic
Reference Panel for Quantitation of BCR-ABL mRNA.” Blood

Windfuhr JP, Chen YS, Propst EJ, Guldner C, “The Effect of
Dexamethasone on Post-Tonsillectomy Nausea, Vomiting and

Wolter N*, Ooi EH*, Witterick IJ, “Intralesional Corticosteroid
Injection and Dilatation Provides Effective Management of
Subglottic Stenosis in Wegener’s Granulomatosis.”


Non-Peer-Reviewed Articles


Proceedings of Conferences


Media Print Articles


Higgins KM, “Electrical Failure Threaten Toddler’s Ability to Breathe,” The Toronto Star, article by Kate Allen, News Section, March 15, 2011.


Presentations

* Indicates resident, fellow or graduate student

F Abdulkader*
(with Y Tirado*, P Campisi, MA Estrada, EJ Propst, V Forte)

HA Amoodi*
(with P Mick*, D Shipp, L Friesen, JM Nedzelski, J Chen, V Lin)

J Chung*
(with K Chueng, DB Shipp, J Chen, JM Neldzelski, V Lin)

SL Cushing
(with KA Gordon, M Merdad*, AL James, BC Papsin)

P Das-Purkayastha*
(with KA Gordon, BC Papsin)

T Davids
(with AM Klein, MM Johns)

Y Chan

JR de Almeida*
(with A Vescan, P Gullane, F Gentili, J Ringash, L Lohfeld, G Guyatt, A Thoma, I Witterick)

BJ Dixon*
(with MJ Daly*, H Chan*, IJ Witterick, JC Irish)
ANNUAL REPORT 2010-2011

(with I Witterick, JC Irish, MJ Daly*, H Chan*)

D Enepekides

A Eskander*
(with KA Gordon, L Kadhim*, V Papaioannou, SL Cushing, AL James, BC Papsin)

LM Friesen
(with T Fujioka, M Tierney, D Landsberger)

(with T Fujioka, J Chen)

A Garbens*
(with J Nedzelski, H Amoodi*, D Shipp, V Lin, J Chen)

R Gilbert
(with R Patel*, D Goldstein, J Guillemaud*, K Higgins, D Enepekides)

RS Goswami*
(with L Waldron, PP Reis, Y Xuan, W Xu, J Kuruvilla, DJ Good, DJ Bailey, AJ Church, T Baetz, DP LeBrun, R Lai, LH Sehn, P Farinha, RD Gascoyne, MR Crump, I Jurisica, and S Kamel-Reid)

SF Hall
(with J Irish, M Whitehead, P Groome)

LD Harris*
(with DP Goldstein, SA McCluskey, RW Gilbert)

T Holler*
(with NK Chada*, RE Zener*, BC Papsin)

T Hopyan*
(with BC Papsin, KA Gordon)

S Huang
(with D Goldstein, I Weinreb, B Perez-Ordoñez, S Fung, J Irish, J Waldron, J Kim, B Cummings, B O’Sullivan)
“Positive Postradiotherapy Planned Neck Dissection is Strongly Associated with Increased Distant Metastasis Rather than Regional Relapse.” American Society for Radiation Oncology Meeting. San Diego, California. October 2010.
“Positive Postradiotherapy Planned Neck Dissection is Strongly Associated with Increased Distant Metastasis Rather than Regional Relapse.” ASTRO, November 2010.


(with J Chen, J Mainprize, J Hochmann*)


BA Miles*
(with R Gilbert)

EA Monteiro*
(with P Das*, M Daly*, H Chan*, AL James)

(with DB Shipp, JM Chen, VYW Lin)

S Morong*
(with P Goetz, EH Ooi*, F Zadeh, F Gentili, IJ Witterick, AD Vescan)

A Osborn*
(with R Leung, F Ratjen, AL James)

D Oyewumi*
(with K Isaac, M Schreiber, P Campisi)

BC Papsin
(with A James)

(with BJ Hubbard*, DDE Wong*, SL Cushing, KA Gordon)

A Smitheringale
(with BJ Hubbard*, DDE Wong*, SL Cushing, KA Gordon)

D Pothier*
(with J Rutka, C Hughes, P Ranall)

J Siewerdsen
(with G Gallia, G Hager, J Irish, D Mirotta, et al)

A Smitheringale


J Srigley
(with D Divaris, T McGowan, J Ross, K Milnes, J Mazuryk, M Yurcan, R McLeod, J Irish, C Sawka)

(with D Divaris, T McGowan, M Yurcan, J Brierley, J Ross, K Milnes, R Rossi, J Mazuryk, T Yardley, MJ King, R McLeod, J Irish, C Sawka)
Poster Presentations

FI Abdulkader*
(with Y Tirado*, P Campisi, V Forte)

P Campisi
(with Y Tirado*, N Chadha*, F Abdulkader*, V Forte)

M Fandino*
(with A. Campbell, F. Kozak, N. Roy, J. Chandler, C. Verchere)

JS Golub
(with V Lin)
"Inhibition of Notch Activity Promotes Non-Mitotic Regeneration of Hair Cells in the Adult Mouse Utricle." 34th Annual Mid-Winter Research Meeting of the Association for Research in Otolaryngology (ARO), Baltimore, Maryland. February 19-24, 2011.

Y Jaquet*
(with DJ Enepekides, Torgerson C, Higgins K)

SH Huang
(with B Perez-Ordoñez, FF Liu, J Waldron, J Irish, L Siu, J Kim, I Weinreb, P Gullane, B O’Sullivan)

V Lin
(with J Nedzelski)

HJ Mackay
(with S Tsao, S Kamel-Reid, J Biagi, et al)
P Mick*  
(with V Lin)  
“Cochlear Implantation in Patients with Meniere’s Disease.”  

(with V Lin)  
“Hearing Preservation with the Med-El FlexSoft Electrode.”  

BC Papsin  
(with A Eskander*, V Papaioannou, S Cushing, A James, K Gordon)  

JP Pepper  
(with J Asaria, SR Baker)  

MA Sukhai*  
(with M Thomas*, JL Hummel, Y Xuan, S Mahindra, T Zhang, PP Reis, S Kamel-Reid)  

M Thomas*  
(with MA Sukhai, N Schuh, Y Xuan, M Minden, S Kamel-Reid)  

J Valero  
(with S Blaser, BC Papsin, KA Gordon)  

R Windrim  
(with P Campisi, E Kelly, D Baud, J Deprest, G Ryan, F LeBouthillier, SJ Yoo, P Kim)  

DDE Wong*  
(with KA Gordon)  

(with KA Gordon)  

E Yu  
(with H Curtin, B Perez-Ordoñez, I Witterick)  

Radio and TV Presentations


Percy Ireland Department of Otolaryngology – Head & Neck Surgery Academic Day

The department’s annual Residents & Fellows Research Day was held on May 6, 2011.

Dr. Ehab Hanna, Professor and Vice Chair of the Department of Head and Neck Surgery at the University of Texas M. D. Anderson Cancer Center in Houston, Texas was invited as the 20th Percy Ireland Visiting Professor and delivered the Percy Ireland Oration entitled “Cancer of the Paranasal Sinuses: Progress, Challenges, and Future Directions.”

Dr. David Briant was selected as the Honoured Guest, following the tradition of honoring individuals who have made significant and long standing contributions to our department.

Papers were presented in five categories. Those who won prizes in each category are marked with an asterisk.

Category 1 – Work undertaken by PGY 2 residents during clinical rotation

Dr. Eric Arruda
Characterization and Prognostication of Biomarkers in Oral Tongue Squamous Cell Carcinoma
Mentor: Dr. David Goldstein

Dr. Janet Chung
Unilateral Multi-Channel Cochlear Implant Results in Significant Improvement in Quality of Life
Mentor: Dr. Vincent Lin

Dr. Amandeep Grewal
Utility of Microvascular Anastomotic Coupler in Free Tissue Transfer
Mentor: Dr. Kevin Higgins

Dr. Mazin Merdad
Cervical Block in Simultaneous Cochlear Implants: An Intervention We Won’t Adopt
Mentor: Dr. Blake Papsin

Dr. Tulika Shinghal
Medial Mandibulotomies: Is There Sufficient Space in the Midline to Allow a Mandibulotomy Without Compromising the Dentition?
Mentor: Dr. David Goldstein

Dr. Nikolaus Wolter (*)
Investigation of the Effect of the Acoustic Reflex on Contralateral Cochleotopic Frequency Specific Suppression of DPOAEs by Surgical Division of the Middle Ear Muscles
Mentors: Drs. Adrian James and Robert V. Harrison

Category 2 – Work undertaken by PGY 3 residents during clinical rotation

Dr. Jennifer Guillemaud
Results of a National Survey on Bioethics Education in OTO-HNS Post-Graduate Programs
Mentors: Drs. Ian Witterick, Jean Davidson and Martin McKneally

Dr. Luke Harris
Impact of Cleft Palate Type on Development of Cholesteatoma
Mentor: Dr. Adrian James

Dr. Bradley Hubbard
A New Robust Test of Dynamic Visual Acuity Using Immersive Virtual Reality: A Pilot Study and Proof of Concept
Mentors: Drs. David Pothier and John Rutka

Dr. Thileeban Kandasamy (*)
Presbycusis and VEGF – An Update of Molecular Changes in the Aging Mouse Cochlea
Mentor: Dr. Vincent Lin

Dr. Eric Monteiro
Head and Neck Surgical Complications – A Novel Approach to Data Collection
Mentor: Dr. David Goldstein

Category 3 – Work undertaken by PGY 4 residents during clinical rotation

Dr. Dustin Dalgorf
Utility of Intra-operative Cone Beam CT Imaging for Head and Neck Surgery
Mentors: Dr. Jonathan Irish, Mr. Michael Daly, Dr. Harley Chan

Dr. Artur Gevorgyan
Cochlear Implant Electrode Insertion Depth and Audiologic Outcomes
Mentor: Dr. Vincent Lin

Dr. Sharon Morong
The Antimicrobial Efficacy of Microwave Heating on Sinus Irrigation Bottles
Mentor: Dr. John Lee
Dr. Eitan Prisman (*)
The Utility of Preoperative Mandibular Plating for Mandibular Reconstruction
Mentors: Drs. Jonathan Irish, Harley Chan and Mr. Michael Daly

Dr. Adrienne Wong
Deaf then, Hear and Now: Adult Patient Experience with Unilateral Cochlear Implantation as Assessed by the Glasgow Benefit Inventory
Mentor: Dr. Vincent Lin

Category 4 – Work undertaken by post-residency clinical fellows

Dr. Hosam Amoodi
Cochlear Implantation for Individuals whose Hearing Loss Criteria are Nonconforming
Mentor: Dr. Vincent Lin

Dr. Benjamin J. Dixon
Real Time, Augmented Image Guidance Increases Accuracy and Reduces Task Workload during Endoscopic Anterior Skull Base Surgery: A Pre-Clinical Trial
Mentors: Drs. Jonathan Irish and Ian J. Witterick

Dr. Raefe Gundelach
Nuclear Accumulation of Intracellular Domain of Epithelial Cell Adhesion Molecule (Ep-ICD) is a Marker for Aggressive Thyroid Cancer in Filipino Patients
Mentors: Drs. Helen He, Dae Kim, Christina Macmillan, Ranju Ralhan, Jeremy Freeman, Paul G. Walfish

Dr. Paul Mick
The FLEXsoft Electrode and Hearing Preservation
Mentors: Drs. Joseph Chen, Julian Nedzelski and Vincent Lin

Dr. Alex Osborn (*)
A Mechanical Valve-Based System of Endotracheal Tube Cuff Pressure Modulation for the Reduction of Subglottic Injury
Mentor: Dr. Vito Forte

Dr. David Pothier
A Low-Cost Scalable Vestibular Prosthesis that Uses Auditory Biofeedback for Bilateral Vestibular Loss
Mentor: Dr. John Rutka

Category 5 – Work undertaken by post-residency research fellows/graduate degree programme

Mr. Daniel D.E. Wong (*)
Binaural Processing is Abnormal in Children Receiving Bilateral Cochlea Implants Sequentially
Mentor: Dr. Karen A. Gordon

Mr. Patrick Yoo
Cortical Responses over the First Year of Bilateral Cochlear Implant Use When Provided Simultaneously to Children
Mentors: Drs. Blake C. Papsin and Karen A. Gordon

Best Overall presented paper:

Dr. David Pothier
A Low-Cost Scalable Vestibular Prosthesis that Uses Auditory Biofeedback for Bilateral Vestibular Loss
Mentor: Dr. John Rutka

Awards presented

Chapnik, Freeman and Friedberg Clinician Scientist Award: Dr. Tony Eskander

The Judy Chauvin Otolaryngology Resident Award: Dr. Lukas Kus

Kris Conrad Merit Award in Facial Plastic Surgery: Dr. Kiam Karimi

Freda Noyek Otolaryngology Merit Award: Dr. Ashlin Alexander

The Shiley E.O. Pelausa Award: Dr. Luke Harris

The Wharton Head & Neck Research Award: Dr. Dustin Dalgof

Merck PGY5 Award presented to the graduating residents: Drs. Ashlin Alexander, Nitin Chauhan, John de Almeida, Theresa Holler, Nadarajah Sanjeevan and Raewyn Seaberg

Olympus Canada Inc. PGY4 Award presented to the PGY4 residents: Drs. Dustin Dalgof, Artur Gevorgyan, Sharon Morong, Eitan Prisman and Adrienne Wong.

Excellence in Teaching Award presented to: Dr. Patrick Gullane

Distinguished Alumnus Award to: Dr. Al Chiodo
Percy Ireland Day Photo Gallery

CATEGORY 1
TULIKA SHINGHAL
AMANDEEP GREWAL
ERIC ARRUDA
JANET CHUNG
MAZIN MERDAH
NIKOLAUS WOLTER
(WINNER).

CATEGORY 2
THILEEBAN KANDASAMY
(WINNER)
ERIC MONTEIRO
BRADLEY HUBBARD
LUKE HARRIS
JENNIFER GUILLEMAUD.

DAVID POTHIER –
BEST OVERALL PRESENTED PAPER

PATRICK GULLANE, Ehab Hanna [Visiting Professor]
DAVID BRIANT [Guest of Honour]
KIAM KARIMI – KRIS CONRAD MERIT AWARD IN FACIAL PLASTIC SURGERY. ASHLIN ALEXANDER ACCEPTED THE AWARD

DUSTIN DALGORF –
THE WHARTON HEAD & NECK RESEARCH AWARD

LUKAS KUS –
THE JUDY CHAUVIN OTOLARYNGOLOGY RESIDENT AWARD

LUKE HARRIS –
THE SHILEY E.O. PELAUSA AWARD

AL CHIODO –
DISTINGUISHED ALUMNUS AWARD

IAN WITTERICK, EHAB HANNA [VISITING PROFESSOR],
PATRICK GULLANE
Visiting Professorships and Invited Lectures

PA Adamson

- Critical Issues Facing Our Profession: What’s in a Name?
- Revision Rhinoplasty
- Rhinoplasty Workshop
- Face to Face Pro Bono Missions
- The Trichophytic Forehead Lift

- Great Rhinoplasty Debates: Open vs. Closed
- Rhinoplasty and Cartilage Division vs. Preservation
- 10 Tools to be a Successful Surgeon
- Challenging Rhinoplasty Cases

Invited Faculty, 32nd Turkish Otorhinolaryngology and Head and Neck Surgery Congress. Antalya, Turkey. October 2010.
- Nasal Tip Suture Techniques
- Pearls and Pitfalls: Lessons Learned from Revision Rhinoplasty
- Challenging Rhinoplasty Cases

- Alar Base Reduction

Invited Speaker and Program Organizer, The Bonum Centre Children's Hospital, Ekaterinburg, Russia. November 2010.
- The Future of Facial Plastic Surgery

Invited Speaker, Cosmetology and Plastic Surgery Centre, Ekaterinburg, Russia. November 2010.
- 5 Tools to be a Successful Surgeon
- The Future of Facial Plastic Surgery


- Management of the Aging Forehead
- Issues in Management of the Aging Forehead [Panel Moderator]
- Graduating to the Deep Plane Face Lift
- 5 Tools to be a Successful Surgeon
- Secrets to a Successful Professional Career [Panel Moderator]

Invited Faculty, 15th Advanced Aesthetic Plastic Surgery Workshop, Organizer Dr. Graeme Southwick, Honorary Senior Lecturer in the Department of Anatomy and Cell Biology at Monash University and Director and Chairman of the Melbourne Institute of Plastic Surgery. Melbourne, Australia. February 2011.
- The Science of Facial and Nasal Beauty
- Patient Selection for Rhinoplasty
- The M-Arch Model of Nasal Tip Dynamics
- Management of the Nasal Pyramid and Crooked Nose
- Nasal Tip Suturing Techniques
- Assessment of Nasal Obstruction
- Management of the Overprojected Tip
- Management of the Underprojected Tip
- Management of the Bulbous Tip
- Vertical Lobule Division
- Management of the Hanging Columella
- Rhinoplasty Workshop
- Interactive Rhinoplasty Panel
- 10 Tools to be a Successful Surgeon
- Adolescent Aesthetic Rhinoplasty
- Lessons from Revision Rhinoplasty
- Management of the Dissatisfied Patient

- Management of the Crooked Nose,
- The M-Arch Model of Nasal Tip Dynamics

- The Essentials of Good Patient Selection
- Impossible Techniques for the Ideal Frontal View
- The Radix Graft
- Alar Base Management
- Vertical Lobule Division
- Nasal Osteotomies
- Practice Management – Front Stage/Back Stage Model
- Selected Rhinoplasty Videotape Techniques
- Review of the Day Summary

International Guest Faculty, Alexandria 12th Septorhinoplasty Course, Alexandria Faculty of Medicine, University of Alexandria. Alexandria, Egypt. April 2011.
- Patient Selection for Rhinoplasty
- The M-Arch Model of Nasal Tip Dynamics
- Open vs. Closed Rhinoplasty
- Lessons Learned from Revision Rhinoplasty
- Septorhinoplasty Interactive Video Demonstration
- Rhinoplasty Workshop

- The Science of Beauty and the Nose
- Management of the Hanging Columella
- Vertical Lobule Division
- Ask the Experts [Panel Moderator]
- What I Used to Preach but Don’t Do Any Longer [Moderator]
- Cadaver Dissection Course [Prospector for demonstration techniques]


- The M-Arch Model of Nasal Tip Dynamics
- Management of the Bulbous or Amorphous Tip
- Cosmetic Otoplasty [video]
- Graduating from the Short Flap to Deep Plane Face Lift [video]

Invited Speaker, Department of Paediatric Surgery, Saratov State Medical University, (in conjunction with the Face the Future humanitarian mission of the Canadian Foundation for Facial Plastic and Reconstructive Surgery,) Saratov, Russia. June 2011.

- Management of the Dissatisfied Patient

**J Anderson**


Invited Speaker, Department of Otolaryngology – Head and Neck Surgery, McMaster University, Annual Resident Day. Burlington, ON. October 20, 2010.

Invited Faculty, McGill Voice Course. Montreal, Quebec. April 1-2, 2011

- Spasmodic Dysphonia
- Physiology of Voice
- Medialisation Thyroplasty


- Muscle Tension Dysphonia: Diagnosis and Management [Workshop Coordinator]

**J Asaria**


- Nasal Reconstruction

**DH Brown**


- Early Detection of Oral Carcinoma
- Impact of IMRT on Mandibular Osteoradionecrosis: The Toronto Experience

**P Campisi**


- Clinical Workshop: Laryngeal Papillomatosis


- Voice Outcomes in the Management of Recurrent Respiratory Papillomatosis


- Management of Sialorrhea in Children [Course Instructor]
- Recurrent Respiratory Papillomatosis – Update 2010 [Course Co-Instructor – C Derkay]

Invited Speaker, Primary Ciliary Dyskinesia Conference. St. Louis, Missouri. October 2010.

- Otolaryngological Manifestations of Primary Ciliary Dyskinesia


- Management of Obstructive Sleep Apnea in Childhood

Invited Speaker, 2011 Pediatric Sleep Symposium Hospital for Sick Children, University of Toronto. Toronto, Ontario. April 8, 2011.

- Surgical Approaches to Obstructive Sleep Apnea

**Y Chan**


- Diagnosis and Management of Otitis Media

Invited Lecturer, University of Toronto Trillium Health Centre Family Medicine Teaching Unit. Mississauga, Ontario. December 2010.

- Sinusitis
- Vertigo


- A Case of Pneumocephalus
- An update on Rhinosinusitis

- An Approach to Nasal Obstruction

- Rhinology Forum with the Experts: Practical Management of Common Rhinologic Conditions [Workshop Moderator]
- New Technologies in Sinus Surgery – Fact Versus Fiction “Balloon Sinuplasty” [Panel Member]
- Topic Treatment of Sinus Disease: Separating Fact and Myth “Topic Antibiotic Nasal Irrigation” [Panel Member]

JM Chen

- Otology in the New Millennium – The Future of Surgical Training
- Management of the Facial Nerve in Skull Base Surgery
- Management of Neurofibromatosis Type 2 [Panel Member]
- Evidence in the Medical & Surgical Management of Bell’s Palsy
- Challenging Situations in Stapes Surgery

- Mastoidectomy Techniques
- Meatoplasty
- Ossiculoplasty
- Temporal Bone Dissection [Instructor]

- The Future of Surgical Education in Otology [CE Course]
- Management of the Facial Nerve in Skull Base Surgery
- Expanded Criteria of Cochlear Implantation [Panel Member]

A Chiodo

- EMR and the Otolaryngologist

K Conrad

- Rejuvenating the Upper Third of the Face
- Challenging Cases [Panel Member]

S Cushing

- Pediatric Vestibular Disorders [Instructional Course with R O’Reilly]

- Congenital Anomalies of the Vestibule: What a Surgeon Looks for

- Balance Disorders in the Pediatric Population

T Davids

- The Importance of Videostroboscopy in the Diagnosis of Laryngeal Pathology

D Ellis

- Injectable Fillers Workshop – What we can Use up There and you Can’t Down Here

- Face Lift: Different Patients Different Techniques?
- Challenging Cases [Panel Member]
  Complications Associated with Injectable Fillers [Panel Member]
  Use of Voluma in Canada for Cheek Enhancement [Video]

DJ Enepekides
  Reconstruction of Large Mandibular Defects.

  Reconstruction of the Segmental Mandibular Defects
  Live Surgery [Invited Surgeon]

  Ear and Lateral Skull Base Reconstruction
  Challenging Cases [Panel Member]

Invited Faculty, Current Concepts in Head and Neck Surgery, jointly sponsored by The University of Texas MD Anderson Cancer Center, Memorial Sloan-Kettering Cancer Center and University of Toronto. Houston, Texas. November 20-21, 2010.
  Video Demonstration of Surgical Techniques: How do I do it? [Session Moderator]
  Salivary Gland Tumors
  Stump the Faculty [Panel Member]

  Laryngeal Trauma

  Management of the Thyroid Nodule [Panel Member]

Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
  FNA/Pathology – Efficacy and Pitfalls [Panel Moderator]
  Role of Surveillance & Reoperative Surgery [Panel Member]

V Forte
Invited Speaker, Hospital for Sick Children Department of Critical Care Medicine Lecture Series, September 14, 2010.
  Tracheo-Broncho-Malacia – Airway Stents

  The Role of Surgery in Head and Neck Tumors in Children

JL Freeman
  Parathyroid Management

  Quality of Life Outcomes in Graves’ Disease Patients after Total Thyroidectomy
  Thyroid Surgery Controversies [Panel Member]

Visiting Professor, Residents’ Research Day, Department of Otolaryngology – Head and Neck Surgery, University of Manitoba. Winnipeg, Manitoba, May 5-6, 2011.
  Shifting Paradigms in the Management of Thyroid Cancer [Grand Rounds]
  Current Concepts in the Management of Hyperparathyroidism: PX 236/238

  Surgical Management of Thyroid Carcinoma

Course Director, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
  Surgery of Thyroid Cancer, Benign Nodules, Graves [Panel Moderator]
  Role of Surveillance and Reoperative Surgery [Panel Moderator]
  Difficulty in the Management of Medullary Thyroid Cancer [Panel Member]
  Surgery for Adenoma/Hyperplasia [Panel Moderator]
  Panel Discussion and Case Presentations [Panel Moderator]

R Fenton
**LM Friesen**

Invited Faculty, Otolaryngology Conference at Tanta University, Cairo, Egypt January 2011
- Introduction to Cortical Auditory Evoked Potentials (CAEPs)
- Speech-Evoked Cortical Auditory Evoked Potentials
- Age effects on the Frequency Following response.

- Speech-Evoked Potentials in Individuals with Cochlear Implants

**A Gantous**

- Costal Cartilage Graft in Rhinoplasty
- Challenging Cases [Panel Member]

- Workshop: Incisionless Otoplasty

**R Gilbert**

- Destinations: Germany, Turkey, Russia, India, Philippines, China, Brazil, Mexico

**Presentations:**
- Advances In Radiotherapy for Head & Neck Tumors, Current Role of Chemotherapy with Radiotherapy
- Sinuses & Skull Base
- Molecular Therapeutics with Radiotherapy / Chemotherapy
- Soft Tissue & Bone Tumors
- Parapharyngeal Tumors – Minimally Invasive Surgery in Head & Neck
- Operative Techniques in Head & Neck Surgery II
- Reconstructive Surgery
- Skin Cancer – Melanoma

- Nasal Reconstruction
- Challenging Cases [Panel Member]

**D Goldstein**

Invited Faculty, Current Concepts in Head and Neck Surgery, jointly sponsored by The University of Texas MD Anderson Cancer Center, Memorial Sloan-Kettering Cancer Center and University of Toronto. Houston, Texas. November 20-21, 2010.
- Role of Surgery in Laryngeal Preservation
- Maxillary Reconstruction
- Stump the Faculty [Panel Member]

- Complex Reconstruction and Oncologic Management of Skin Malignancy

- Head and Neck I
- Laryngotracheal Reconstruction [Panel Member]

Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
- Imaging Including PET – Which ones and Why? [Panel Member]

- Head and Neck Masses

- Challenges in Thyroid Cancer in 2011.

- Management of the Thyroid Nodule: A Surgeon's Perspective
- Parathyroid Disease

Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
- FNA/Pathology – Efficacy and Pitfalls [Panel Member]
- Difficulty in the Management of Medullary Thyroid Cancer [Panel Member]
- Surgery for Adenoma/Hyperplasia [Panel Member]
- Round Table Discussion: Intraoperative Nerve Monitoring During Thyroidectomy/ Parathyroidectomy [Panel Member]
K Gordon

- Effects of GJB-2 Mutations on Cortical Activity in Children Receiving Bilateral Cochlear Implants Simultaneously.
- Bilateral Cochlear Implantation [Panel Member]

- Evoked Potential Brainstem and Cortical Responses in Children

- Auditory Plasticity in Children who are Deaf and Use Cochlear Implants to Hear Speech and Music

- Auditory Plasticity in Children who are Deaf and Use Cochlear Implants to Hear Speech and Music

- What we Know and don’t Know about Deafness in Children [Workshop]

Invited Lecturer, Medical University Hannover. Hannover, Germany. November 18, 2010.
- Plasticity in the Developing Human Auditory System

- Electrophysiology in Cochlear Implant Users" [Panel Member]

- Effects of Deafness and Cochlear Implant Use on the Immature Human Auditory System

- Primary Nerve Simulation Evoked by the Nucleus 513 Cochlear Implant in Children
- Children with Hearing Loss Learn to Enjoy Singing Through Vocal Training

G Goulding

- Pediatric Cochlear Implantation

Invited Speaker, Nemours Biomedical Research Cochlear Implant Symposium Wilmington, Delaware. October 2010.
- Clinical Management of Children with Malformed Inner Ears: The Audiologist Perspective

- Research Updates in the Cochlear Implant Program at the Hospital for Sick Children

P Gullane

- Adult Laryngotracheal Stenosis – Concepts and Factors Predicting Outcome
- Thirty Years of Head and Neck: Lessons Learned – Imagine the Future
- Pharyngeal Reconstruction in an Era of Organ Preservation Strategies: Management and Complications
- The Canadian One Payer System: What has Worked and What has Not?

- Thirty Years of Head and Neck: Lessons learned – Imagine the Future
- Management of Cancer of the Oropharynx: Changing Concepts

Invited Guest, 23rd Annual Max SomLecture, Albert Einstein College of Medicine/Montefiore Medical Center. New York, November 3-4, 2010.
- Head and Neck Surgery: Looking Back – Imagine the Future
- Pharyngeal Reconstruction in an Era of Organ Preservation Strategies: Management and Complications

- Thirty Years of Head and Neck: Lessons Learned – Imagine the Future
- Management of Non-Melanotic Skin Cancers: Current Approaches
Course Co-Director, Current Concepts in Head and Neck Surgery, jointly sponsored by The University of Texas MD Anderson Cancer Center, Memorial Sloan-Kettering Cancer Center and University of Toronto. Houston, Texas. November 20-21, 2010.
- Cancer of the Oral Cavity and Oropharynx [Session Moderator]
- Tracheal Resection [Video Presentation]
- Stump the Faculty [Session Moderator]

- Welcome & Introduction

- Endoscopic vs Open Approach for Management of Malignancies of Anterior Skull Base [Panel Moderator]
- Skull Base Jeopardy [Panel Member]

Invited Faculty, UHN/PMH Partnership with Kuwait Site Visit. Kuwait. April 1-8, 2011.
- The Past 30 Years of Head and Neck Surgery: Lessons Learned – Imagine the Future

- My Journey Through 40 Years of Otolaryngology – Head and Neck Surgery

- Squamous Carcinoma of the Oral Cavity and Oropharynx

- Thirty Years of Head and Neck – Imagine the Future

Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
- Surgery of Thyroid Cancer, Benign Nodules, Graves [Panel Member]
- Round Table Discussion: Intraoperative Nerve Monitoring During Thyroidectomy/ Parathyroidectomy [Panel Member]

RV Harrison

- Developmental Plasticity of the Auditory System

Invited Speaker, Cochlear Implant Centre, Teachers Workshop. October 18, 2010,
- The Development and History of Cochlear Implantation in Toronto.

Keynote Lecturer, Faculty Health Sciences Annual Academic day, and 25th anniversary Department of Communication Disorders. Toronto, Ontario. October 1, 2010.
- The Development and the Plasticity of the Auditory System

Invited Speaker, University of Toronto Neuroscience Club. Toronto, Ontario. February 18, 2011.
- Neuroscience in Sports

- The Development of Cochlear Implant Technology, and CI Programs in Canada

- Neuroscience for Sports Fans” Neuro-Imaging Interest Group (NIIG)

K Higgins


- Cheek and Midfacial Reconstruction
- Challenging Cases [Panel Member]

- Advances in the Diagnosis and Treatment of Head and Neck Cancer
- Ultrasound Techniques for the Head and Neck Surgeon: An Introductory Workshop
Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
  Surgery of Thyroid Cancer, Benign Nodules, Graves [Panel Member]

M Hyde

  Protocols in EHDI
  Telehealth in EHDI [with W Campbell]

  Family Engagement in Intervention
  Diagnostic Protocols for Infants Who Fail Their Screening

  An Obsession with Program Quality
  Telehealth in EHDI [with W Campbell]

JC Irish

Invited Lecturer, Division of Plastic Surgery R5 Resident Teaching Course. Toronto, Ontario. September 13, 2010.
  Management of Head and Neck Cancer.

  What do CCO's Partners Want and Expect? [Panel Member]

  The Operating Room of the Future: Implications for Surgeons.

  The OR of the Future: Implications for the Surgical Oncologist.
  Management of Orpharyngeal and Hypopharyngeal Cancer [Panel Member]

Visiting Professor, Rabin Medical Centre. Tel Aviv, Israel. November 17, 2010.
  Management of Head and Neck Sarcomas

  Surgical Oncology Quality Improvement Initiatives.


  What is the Standard of Care for Oropharyngeal Carcinoma? [Panel Member]

  Overview of the Current and Future State on the Provincial Surgical Oncology Program

  How to Use Data to Effect Change: The Surgical Oncology Experience in Ontario

A James

  Introduction to Temporal Bone Anatomy
  Cholesteatoma: What a Surgeon Looks for Pre-Op Optimizing Temporal Bone Imaging [Panel Chair]

J Lee

  Surgical Management of Nasal Polyps

  A Review of Otolaryngology Emergencies

  Quality of Life/CSF Leaks/Endoscopic Reconstruction/3D Endoscopy/Skull Base [Session Moderator]

  Complications in Endoscopic Sinus Surgery [Panel Member]
  Dissection Lab Instructor


V Lin


Invited Speaker, Department of Otolaryngology/Head & Neck Surgery, University of Toronto Grand Rounds. Toronto, Ontario. November 2010. How Have We Done, What We Are Doing Now and What We Will Be Doing In The Future


Invited Speaker, Toronto East General Community Otolaryngology Group, Toronto, Ontario. April 2011. What is the Role of Steroids in the Treatment of Sudden Sensorineural Hearing loss and Acute Vestibular Neuritis?


JM Nedzelski

B Papsin
11th International Conference on Cochlear Implants and other Implantable Auditory Technologies, Stockholm, Sweden, Jul 2, 2010. Bilateral Cochlear Implantation in Children – The European Working Group. [Invited to Moderate this initial meeting of the leading 15 cochlear implant surgeons from Europe]
Cochlear Implantation in Infants: Searching for the Moth [Keynote Lecture]

Cochlear Implantation in Children [Panel Member]


Invited Speaker, Society for Ear, Nose and Throat Advances in Children (SENTAC), 38th Annual Meeting, Cincinnati, Ohio. December 3, 2010. The Effective Scientific Presentation

Visiting Professor, Departmental Grand Rounds, Otolaryngology – HNS, London Health Sciences Center.
  Searching for the Moth: Cochlear Implant Surgery in Infants
  Effective Scientific Communication [Resident teaching session]

  Assurance of a Great Surgical Outcome in BAHA Surgery [Panel Member]

Invited Faculty, Annual Meeting of the American Society of Pediatric Otolaryngology (ASPO), Chicago, Illinois, Apr 30, 2011.
  Cholesteatoma in Children [Panel Member]

Invited Faculty, 10th European Symposium on Pediatric Cochlear Implantation. Athens, Greece. May 13, 2011.
  Post-Meningitic Cochlear Implantation – Obliteration – Challenges – Outcomes [Panel Moderator]

  Searching for the Moth: Cochlear Implantation in Children,
  Reassembling the Auditory System after Cochlear Implantation in Children [Keynote lectures – Ramon Areces Foundation Symposium]

  Fully Awakening the Auditory System: Cochlear Implantation in Children [The Wullstein Lecture]

E Propst
  Microlaryngoscopy, Bronchoscopy and Surgical Management of the Pediatric Airway

X Punthakee
  General Tips in Facial Plastic and Reconstructive Surgery

R Rival
  Challenging Cases [Panel Member]


J Rutka
  Neurotology in 2010: What Was the Past, Where We Are Now and What a Glimpse Into the Future Might Look Like
  Surgical Management of Vertigo
  Partial Labyrinthectomy Approach for CP Angle/Brainstem Lesions
  Meatoplasty Techniques
  Medicolegal Ramifications of Mastoid Surgery
  Canal Based Surgery in Neurotology

  Management of the Discharging Ear for General Practitioners. The Top 10 things I Should Know but Was Afraid to Ask

D Pothier
  Endoscopic Ear Surgery [with J. Rutka]

  Using the Endoscope for Minimally Invasive Ear Surgery [Workshop with C Coulson, P Lai]
Invited Speaker, The Australian Society of Otolaryngology
Medicolegal Ramifications of Mastoid Surgery
Otologic Curiosities #2
The Irony of Being Oscar: The Life and Otogenic Death of Mr. Oscar Wilde

Canal based surgery in Neurotology
Multi-disciplinary Management of the Dizzy Patient
Management of Facial Nerve Neuromas
Panel discussions on Management of Adhesive Otitis Media and Hearing Loss, Management of Profound Hearing Loss in Children and Surgical Approach to Meniere’s Disease (indications, results and complications).

Endoscopic Ear Surgery [with D. Pothier]
Interesting Otologic Surgical Cases [Panel Moderator]

In Tribute to Sir Morell MacKenzie: Our Most Unusual and Memorable Complication [Workshop with L Makerewich, N. Longridge]

D Shipp
Cochlear Implantation in Older Adults: Assessment, Management and Outcomes

Sunnybrook Experience with the Med-El FLEXsoft Electrode and Hearing Preservation
(with J Nedzelski)

O Smith
Five Minute Nose Job and Other Uses for Fillers
Challenging Cases [Panel Member]

Otolaryngology in Ontario

P Solomon
My Experience with Fractionated Skin Resurfacing
Challenging Cases [Panel Member]

A Vescan
Advanced Endoscopic Sinus and Skull Base Surgery

Transpterygoid Approaches

Post-Operative Complications of Endoscopic Skull Base Surgery [Panel Member]

Epistaxis

Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
FNA/Pathology – Efficacy and Pitfalls [Panel Member]
Imaging Including PET – Which ones and Why? [Panel Moderator]

Transpterygoid Approaches
Quality of Life: Skull Base Surgery
I Witterick

Invited Speaker, Merck National Sales Meeting. Quebec City, Quebec. September 14, 2010.
Diagnosis & Treatment of Rhinosinusitis

Pears & Pitfalls of a Program Director

Endoscopic Frontal Sinus Surgery – When, Why and How

Invited Speaker, Canadian Society of Clinical Allergy & Immunology. Victoria, BC. November 5, 2010.
Rhinosisinusitis at Large: Capturing the Essence of Treatment Guidelines

Invited Faculty, Biomaterials and Implant/Reconstructive Dentistry Continuing Education Course, Faculty of Dentistry, University of Toronto. Toronto, Ontario. January 17, 2011.
The Maxillary Sinus: A Medical Perspective on Risks, Complications and their Management


Closure of large skull base defects

Advances in Skull Base Surgery

Rhinology Forum with the Experts: Practical Management of Common Rhinologic Conditions [with Y Chan, A Janjua (moderators), E Wright, F Lavigne]
Bacteriology at Breakfast – What’s New that you Should Know? [Satellite symposium with M Desrosiers, E Wright]

Basics of FESS: Surgeon’s Perspective

Invited Faculty, Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. June 11-12, 2011.
Panel Discussion with Case Presentations [Panel Moderator]
Surgery for Adenoma/Hyperplasia [Panel Member]

Acute and Chronic Rhinosinusitis
Workshop on Nasal Polyps [with E Massoud]

M Zirkle

Computer Assisted Learning in the Undergraduate Medical Curriculum
Medical Student Wellness
Research Grants and Projects

SM Abel, S Boyne, C Burrell, J Crebolder, G Ho, A Nakashima

SM Abel, C Burrell and S Stergiopoulos

SM Abel, G Ho and A Nakashima

H Amoodi, J Chen, L Friesen, L Bartel

P Campisi, V Forte

A Chiodo and Toronto East General Hospital
Johnson & Johnson. “Canadian Health Economics, Health Outcome and Effectiveness Comparison of Treatment of the Frontal Sinus Ostium and Recess and Other Sinuses with Functional Endoscopic Sinus Surgery or Ball on Sinuplasty in Patient with Chronic Rhinosinusitis (The “CHEC” Study).” [$60,000 2011-2012]

DJ Enepekides, K Higgins
Ontario Institute of Cancer Research (OICR). “Individualization of Radical Radiation Treatment with the Use of Intra-Treatment FDG Positron Emission Tomography in Advanced Head and Neck Cancer.” [$690,000 July 2008 to June 2011]

DJ Enepekides, I Poon, KH Higgins
Canadian Association of Radiation Oncology. “RAD 51 Predicts Radio Sensitivity in Head and Neck Squamous Cell Carcinoma.” [$20,000 annually]

V Forte, S Richardson, P Campisi, AL James

LM Friesen, T Picton
University of Toronto Dean’s Fund New Staff Competition Research Grant. “Auditory Evoked Potentials in Cochlear Implant Listeners.” [$10,000 – January 2008 to March 2013]

D Goldstein, R Gilbert, P Gullane, D Brown, J Irish

D Goldstein, S Alabhai, R Gilbert, P Gullane, D Brown, J Irish

D Goldstein, B Perez-Ordoñez, E Arruda, R Gilbert, P Gullane, D Brown, J Irish, F-F Liu

KA Gordon, BC Papsin

KA Gordon, BC Papsin
CIHR – Operating Grant. “Cortical Plasticity in Children Who Are Deaf.” [$682,000 – October 2009–September 2014]

P Groome, J Irish, S Hall, B O’Sullivan

P Groome, J Irish, B O’Sullivan, W Mackillop, D Feldman-Stewart, B Gottlieb, J Queenan
CIHR. “Diagnostic Delay in Oral Cancer.” [$92,646 2009-2011]

S Hall, JM Irish
National Cancer Institute of Canada. “Controversy in Management of Differentiated Thyroid Cancer – Can 75% of Surgeons be Wrong?” [$319,798 – 2007-2010]
S Hall, P Groome, B O’Sullivan, JM Irish, R Gilbert, R Myers, G Richards  
National Cancer Institute of Canada. “The Impact of the Cancer Care Ontario Clinical Practice Guideline #5-6a on Physicians, Practice and Patients.”[$360,000 – 2008-2010]

S Hall, F-F Liu, PMH Head and Neck Group  
Canadian Institute of Health Research (CIHR). “Is the Improvement in Survival for HPV Associated Head and Neck Cancer Due to the Addition of Chemotherapy to Radiotherapy or to a more Treatment Sensitive Cancer?”[$22,000 – April 2010-11]

RV Harrison  
Canadian Institutes of Health Research (CIHR) Operating Grant. “The Programming of the Neonatal Auditory Brain by Environmental Sound Stimuli”[$95,870/annum – 2007-2012]

RV Harrison, KA Gordon, LY Wang, AL James, V Lin, L Friesen  

J Hoch, S Gavura, J Hart, S Kamel-Reid, B Lalonde, J Ross, C Sawka  

J Irish  

AL James, RV Harrison  
Hospital for Sick Children Innovation Fund Award. “A Novel Hearing Test for Neonates.” [$48,400 April 2011 – March 2012]

N Jowett, D Kraemer, RJ D Miller, RV Harrison; P Wiseman, and A Mlynarek.  
Canadian Institutes of Photonics Innovation (CIPI). “Osseointegration, Bone, and Soft Tissue Healing Following Ultrafast Laser Ablation in a Rat Model.” [$25,000 2011]
F-F Liu, P Boutros, D Goldstein, P Gullane, J Irish, B Perez-Ordoñez, B O’Sullivan, J Waldron, W Xu

G Liu, F Meyer, I Bairati, C S Wang, I Jurisica, W Xu, J Waldron, D Goldstein

BC Papsin
Lauren Nayman Fund for Cochlear Implant Research. Capital Endowment Gift to support staff and equipment maintenance in the Cochlear Implant Laboratory. [$50,000 – 1999 – 2010]


Cochlear Americas Chair in Auditory Development (Endowed Chair). An Inaugural chair holder money used to develop the Cochlear Implant Laboratory and to support advocacy of children with hearing impairment and their families. [$2,000,000 – 2005 – 2015]

Csereghy-Kluge Endowment for Cochlear Implant Research. Capital Endowment Gift to develop and maintain databases for outcome analysis in pediatric cochlear implantation in addition to supporting staff in the Cochlear Implant Laboratory. [$50,000 – 2006 – 2010]

BC Papsin, SL Cushing, A Osborn*
Charge Foundation Research Grant. Assessment of the Sensory Deficits in Individuals with CHARGE Syndrome and Correlation with Genotypic Data. [$20,000 July 2010 – June 2011]

I Poon, D Enepekides, J Wright, P Jager, A Pugachev, K Higgins

A Sawka, D Goldstein

A Sawka, D Goldstein, S Strauss
Canadian Institutes of Health Research “Dissemination of Research in Evidence-Based Thyroid Cancer Care.” [$14,673 – 2011]

J Siewersden, KK Brock, A Easty, F Gentili, JC Irish, DA Jaffray, W Kucharczyk, I Witterick
National Institutes of Health (USA). “High-Performance Cone-Beam CT Guidance of Head and Neck Surgery.” (R01 Research Grant number: 1R01-CA127444). [$1,000,000 (US) 2007-2011]

KWM Siu, TJ Colgan, CM MacMillan, R Ralhan, IJ Witterick

S Singh, KWM Siu, R Ralhan, S Benchimol

T Stockley, KA Gordon, BC Papsin

M Tsao, S Kamel-Reid, M Haider, S Ghai, M Milosevic, E Chen, P Shaw, S Boerner
Ontario Institute of Cancer Research. Translational Research Team Award. [$250,000/yr – 2010-2014]

AD Vescan, J de Almeida*
PSI Grant. “Development of University of Toronto QOL Inventory. Skull Base Surgery.” [$20,000 – March 2009 – March 2011]

PG Walfish, R Ralhan

JJ Warsh, P Li, M Tseng, IJ Witterick

University Health Network
Private donor support:

- Annual Endowment from the Wharton Chair. [$100,000]
- Annual Endowment from the Mariano Elia Chair for Otolaryngology/Head and Neck Research. [$100,000]
Extracurricular Activities and Honours

SM Abel
Defence R&D Canada – Toronto
  Defence Scientist, Individual Behaviour & Performance Section. 2006 to present.
  Member, Knowledge and Information Management Committee. 2007 to present.
  Member, Awards and Recognition Committee. 2009 to present.


Manuscript Reviewer:
  Aviation
  Space and Environmental Medicine
  Canadian Acoustics
  Ear & Hearing
  International Journal of Audiology
  Journal of Noise & Health Editorial Board
  Military Medicine

J Adamonis
Peer Assessor for the College of Audiologists and Speech Language Pathologists of Ontario (CASLPO). 2002 to present.

PA Adamson
American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS):
  Facial Plastic Surgery Resident Liaison (Liaison of AAFPRS with University of Toronto). 1986 to present.
  Director, Fellowship Program, 1987 to present.
  Member, Editorial Board, Archives of Facial Plastic Surgery. 1998 to present.
  Member, Howard W. Smith M.D. Legacy Society. 2002 to present.
  Member, Ethics Committee. 2007 to present.

American Board of Facial Plastic and Reconstructive Surgery (ABFPRS):
  Board Examiner, (2 day annual examinations) 1989 to present.
  Contributor of oral examination protocols. 1989 to present.
  Senior Advisor, Board of Directors. 2003 to present.
  Member, Audit Committee. 2006 to present.
  Member, Bylaws and Publications Committee. 2006 to present.
  Member, FPS Archives Advisory Council. 2007 to present.
  Member, Core Committee on Maintenance of Certification (MOC). 2009 to present.

Member, Directors Club. Canadian Academy of Facial Plastic Surgery (CAFPS). 1989 to present.

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

Inspector, Canadian Association for Accreditation of Ambulatory Surgical Facilities, Inc. 2001 to present.

President, Canadian Foundation for Facial Plastic and Reconstructive Surgery. 1994 to present.

Manuscript Reviewer:
  The Laryngoscope. 1997 to present.

Member, Editorial Board, Plastic Surgery International. 2009 to present.

Inspector, Canadian Association for Accreditation of Ambulatory Surgical Facilities, Inc. 2001 to present.


Head, Division of Facial Plastic and Reconstructive Surgery, Department of Otolaryngology, University of Toronto. 2008 to present.

Member, Promotions Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2000 to present.

Member, Departmental Appointments Committee (DAC), Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2008 to present.

J Anderson
Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2008 to present.

Member, Departmental Appointments Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2008 to present.

Member, Budget Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2008 to present.

St. Michael's Hospital:
  Otolaryngologist-in-Chief. 2008 to present.
  Medical Director, Voice Disorder’s Clinic. 1995 to present.
  Member, AFP Executive and Governance Committee. 2008 to present.
  Member, Medical Advisory Committee (MAC). 2005 to present.
  Member, Perioperative Services Advisory Committee President, Medical Staff Association. 2007 to present.
  Member, Medical & Management Liaison Committee. 2005 to present.
  Member, Board of Directors 2005 to present.
  Member, Business Services Committee. 2007 to present.
  Member, Strategic Planning Committee. 2008 to present.

Otolaryngology Consultant, Stratford Festival and Canadian Opera Company. 2003 to present.

Journal Reviewer:
  Journal of Otolaryngology – Head & Neck Surgery
  Journal of Surgery

J Asaria
Reviewer, American Journal of Rhinology and Allergy. 2010 to present.

American Academy of Facial Plastic and Reconstructive Surgery
  Member, Trends and Technology Committee. 2010 to present.
  Member, Fellowship Curriculum Committee. 2010 to present.
  Member, Face to Face Committee. 2010 to present.

Board Examination Proctor, American Board of Facial Plastic and Reconstructive Surgery. 2010 to present.

Recipient of the 2010 American Board of Facial Plastic and Reconstructive Surgery “Jack R. Anderson Prize for Scholastic Excellence” [1st Place Board Examination Score]

G Bradley

Associate Dean, Biological and Diagnostic Sciences. 2007-2013.

Faculty of Dentistry representative, Council of Health Sciences Education Subcommittee. 2011 to present.

Secretary-Treasurer, Ontario Society of Oral Pathologists. 1989 to present.

Affiliate Scientist, Ontario Cancer Institute. 1994 to present.

External Reviewer for Scientific Journals:
  Cancer Research
  Critical Reviews in Clinical Laboratory Sciences
  Journal of the Canadian Dental Association
  Journal of Dental Research
  Arch. Oral Biology

DH Brown
Elected Canadian representative to the Executive Committee of IFOS (5 year term). 2005-2010.

Canadian Society of Otolaryngology – H&N Surgery
  President, May 2010-May 2011
  Member, Executive Committee –2005-2012.

Surgical Oncology Representative, PMH/TTH Data Services Monitoring Board (DSMB). 1998 to present.

Member, Editorial Board:
  British Medical Journal, 1994 to present.
  Journal of Otolaryngology, 1995 to present.
  European Archives of Otorhinolaryngology, 2003 to present.
  The Laryngoscope, 2004 to present.
Elected member, Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum. 2003 to present.

Royal Society of Medicine (United Kingdom).
Fellow, 1987 to present.
Member, Section of Oncology & Laryngology. 1992 to present.

Member, The Canadian Cancer Society, Ontario Division. 1992 to present.

Member, The Medico-Legal Society of Toronto. 1992 to present.

Site Coordinator, Undergraduate Education Wightman-Berris Academy (University Health Network), Department of Otolaryngology – Head & Neck Surgery University of Toronto.

P Campisi
American Society of Pediatric Otolaryngology
Editor, American Society of Pediatric Otolaryngology Newsletter, 2010-2011
Member, Executive Committee. 2009-2011.
Member, Fellowship Committee. 2006-2011.

Consultant site visit, Sickkids International – Doha, Qatar. January 2011.

Director, Undergraduate Education Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2005 to present.

Chair, Undergraduate Curriculum Committee, Department of Otolaryngology – Head & Neck Surgery. 2005 to present.

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2005 to present.

Member, Clerkship Committee, Otolaryngology Representative, Faculty of Medicine, University of Toronto. 2005 to present.

Member, Integrated OSCE Committee, Otolaryngology Representative, Faculty of Medicine, University of Toronto.

Member, Art and Science of Clinical Medicine II Curriculum Subcommittee, Otolaryngology Representative, Faculty of Medicine, University of Toronto, 2005 to present.

Member, Faculty Council, Otolaryngology Representative, Faculty of Medicine, University of Toronto.

Hospital for Sick Children
1st Vice President, Medical Staff Association. 2010-2011.
Member, Medical Staff Association Committee
Member, Medical Advisory Committee
Member, Board of Trustees
Member, Accreditation Committee. 2009-2010
Member, Post Operative Care Unit Quality Management Committee. 2006 to present.

Editorial Board Reviewer:
Laryngoscope. 2005 to present.
Paediatrics and Child Health. 2004 to present.
Archives of Otolaryngology, Head and Neck Surgery, 2006 to present.
International Journal of Pediatric Otorhinolaryngology. 2004 to present.

Y Chan
Executive Member, Clinical Teachers Association of Mississauga. 2010 to present.

Trillium Site representative, Undergraduate Committee, Department of Otolaryngology – HNS, University of Toronto. 2009 to present.

Member, Rhinology Working Group, Canadian Society of Otolaryngology – HNS. 2009 to present.

American Rhinologic Society
Member, Fellow and Resident Committee. 2008 to present.
Member, Corporate Affiliates Committee. 2010 to present.

Reviewer,
British Journal of Hospital Medicine

JM Chen
Otolaryngologist-in-Chief, Sunnybrook Health Sciences Centre. October 2007 to present.

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2007 to present.

Member, Departmental Appointments Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2007 to present.

Member, Budget Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2007 to present.
Sunnybrook Health Sciences Centre
Member, Search Committee, Chief of Ophthalmology and Vision Care, July to November 2010.
Member, Medical Advisory Committee (MAC). 2007 to present.
Member, SHUTC Board of Directors. 1994 to present.
Member, Skull Base Tumor Board. 1992 to present.
Member, Senior Medical Council. 2007 to present.
Member, O.R. Management Committee. October 2007 to present.

Advisor/Medical Consultant, Canadian Acoustic Neuroma Society. 2003 to present.

Member, Ontario Cochlear Implantation Program. 1993 to present.


A Chiodo
Recipient, 2010 Distinguished Alumnus Award presented by the Community Academic Faculty, Department of Otolaryngology – Head & Neck Surgery. May 2011.

Member, Postgraduate Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2000 to present.

Member, Undergraduate Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2010 to present.

Member, Faculty Council, Continuing Education and Professional Development Committee. University of Toronto. 2011.

Toronto East General Hospital
President, Medical Staff Association, 2010-11
Member, Board of Directors, 2009-2011.
Member, Governance Sub-Committee of Board of Directors. 2010 to present.
Member, Budget Sub-Committee of Board of Directors. 2010 to present.
Member, Nominating Sub-Committee of Board of Directors. 2009 to present.
Member, Medical Advisory Committee. 2008 to present.
Member, Search Committee, Chief of Staff. 2010.


K Conrad
American Academy of Facial Plastic and Reconstructive Surgery
Member of the Founder’s Club. 2000 to present.
Member, Credentials Committee – Canadian Region representative. 2008 to present.


Director, Canadian Academy of Facial Plastic and Reconstructive Surgery. 1986 to present.


MJ Davidson
Site Coordinator, Undergraduate Education [Boyd Academy], Department of Otolaryngology – Head and Neck Surgery, University or Toronto. July 2010 to present.

Member, e-Sheet User Committee. Odette Cancer Centre, Sunnybrook Health Sciences Centre. 2009 to present.

FM de Souza
Otolaryngologist-in-Chief, Chair, Division of Otolaryngology – Head & Neck Surgery, Trillium Health Centre, Mississauga, Ontario. 2008 to present.

S Druker
Liaison between The University of Western Ontario and the Hospital for Sick Children for audiology students completing clinical audiology training. 1998 to present.

Member of Kids to Hear Program, University of Toronto – training of medical students to provide hearing screenings in local schools. 2008 to present.

DAF Ellis
American Academy of Facial Plastic and Reconstructive Surgery
Preceptor, One-Year Fellowship. 1987 to present.
Member, The Founders Club. 1993 to present.

Member, International Federation of Facial Plastic Surgery Society. 2003 to present.

Founding Director, Pan Pacific Academy of Facial Plastic & Reconstructive Surgery. 2009 to present.


Editorial Consultant, Canadian Journal of Diagnosis. 1984 to present.


Reviewer, Contemporary Dermatology. 1992 to present.

DJ Enepekides
Awarded the American Academy of Otolaryngology – Head and Neck Surgery 2010 Honour Award.
Selected Otolaryngology Chair for the 2011 AO Principles of
Craniomaxillofacial Surgery Course to be held in Montreal,
August 2011.

Associate Scientist, Sunnybrook Health Sciences Centre.
December 2008 to present.

Member, Laser Safety Committee, Sunnybrook Health
Sciences Centre. 2007 to present.

Department of Otolaryngology – Head and Neck Surgery
representative, Sunnybrook AFP Committee.

Member, Postgraduate Committee, Department of
Otolaryngology – Head and Neck Surgery, University of Toronto.
2008 to June 2010.

Section Editor, Head and Neck Reconstructive Surgery,
Current Opinion in Otolaryngology. 2004 to present.

Reviewer:

Laryngoscope
Archives of Otolaryngology
Head and Neck
Otolaryngology Head and Neck Surgery

RS Fenton
WTIS: Provincial Lead for Otolaryngology – Head and Neck

Consultant Otolaryngologist, St. Joseph’s Hospital, Elliot Lake.
(Northern Ontario Under Serviced Program). 1987 to present.

Member, Evaluating Examination Surgery Test Committee.
Medical Council of Canada. 2006-2010.

Reviewer, Journal of Otolaryngology – Head and Neck

V Forte
Hospital for Sick Children
Otolaryngologist-in-Chief. 2003 to present.
Member, Medical Advisory Committee. 2003 to present.
Co-Chair, Emergency Measures Committee. 2002 to
present.

Grand Rounds Coordinator, Department of Otolaryngology –
Head & Neck Surgery, University of Toronto. 1989 to present.

Member, Executive Committee, Department of Otolaryngology
– Head & Neck Surgery, University of Toronto. 2003 to
present.

Member, Departmental Appointments Committee, Department
of Otolaryngology – Head & Neck Surgery, University of
Toronto. 2007 to present.

Member, Budget Committee, Department of Otolaryngology –
Head & Neck Surgery, University of Toronto. 2003 to present.

Member, Editorial Board, Annals of Otology, Rhinology and
Laryngology.

Reviewer, Journal of Otolaryngology.

JL Freeman
Otolaryngologist-in-Chief, Mount Sinai Hospital. 2002 to
present.

Temmy Latner/Dynacare Chair in Head and Neck Oncology,
University of Toronto. 1996 to present.

Program Director, Head and Neck Fellowship Program. 2003
to present.

Member, Royal College of Surgeons of Canada Committee on

Member, Program Committee, American Head and Neck
Society. 2010-2011.

Member, Executive Committee, Department of Otolaryngology
– Head & Neck Surgery, University of Toronto. 2002 to
present.

Member, Departmental Appointments Committee, Department
of Otolaryngology – Head & Neck Surgery, University of
Toronto. 2006 to present.

Member, Budget Committee, Department of Otolaryngology –
Head & Neck Surgery, University of Toronto. 2007 to present.

Board of Directors, Israel Cancer Research Fund. 1996 to
present.

Member, Review Board:

Archives of Otolaryngology – Head & Neck Surgery
Cancer
Head and Neck Surgery. 1989 to present.
Laryngoscope
Surgery, Obstetrics and Gynaecology. 1990 to present.

Member, Editorial Board:

Head and Neck Surgery
The Laryngoscope
Operative Techniques in Otolaryngology – Head and
Neck Surgery. 1989 to present.

J Friedberg
Professor, Department of Surgery, The Northern Ontario
School of Medicine (NORMED). 2007 to present.

Active Staff in Otolaryngology, West Parry Sound Health
Centre, Parry Sound, Ontario. 2006 to present.

Charter Member, Society for Ear, Nose & Throat Advancement
in Children (SENTAC). 1972 to present.
LM Friesen


Member, Association for Research in Otolaryngology. 1999 to present.

Member, American Auditory Society. 2002 to present.

Canadian Hearing Report – Canadian Academy of Audiology
Author of “Spotlight on Science” column. 2009 to present.
Associate Editor. 2009 to present.

Ad-hoc Reviewer:
American Journal of Audiology
Ear and Hearing
Journal of Speech Language and Hearing Research
Annals of Otology, Rhinology and Laryngology
Journal of the Acoustical Society of America
Journal of the Association for Research for Otolaryngology
Hearing Research
Audiology and Neuro-Otology
Canadian Journal of Speech-Language Pathology and Audiology
The Scientific World

Ad-hoc Reviewer, Canadian Foundation of Innovation Grants and National Sciences and Engineering Research Council of Canada.

A Gantous
Director, Facial Plastic and Reconstructive Surgery Clinic, Department of Otolaryngology – Head & Neck Surgery. St. Michael’s Hospital. September 2007 to present.

Member, Postgraduate Committee, Department of Oto-Head & Neck Surgery, SMH/SJHC Representative. July 2010 to present.


RW Gilbert
Head, Division of Head and Neck Surgery, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2007 to present.

Deputy Chief, Department of Otolaryngology – Head & Neck Surgery, University Health Network. 2002 to present.

Chair, Otolaryngology Head & Neck Surgery/Plastics Quality Team. 2010 to present.

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

Cancer Care Ontario:
Chair, Treatment Guidelines Group Head and Neck Site (Program in Evidence Based Care). 2004 to present.
Member, Practice CCO Guidelines Initiative, Provincial Head & Neck Cancer Disease Site Group

Member, Postgraduate Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2001 to present.

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2002 to present.

Member, Departmental Appointments Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.

Member, Budget Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.

University Health Network:
Chair, Medical Advisory Committee. January 2009 to present.
Member, Board of Trustees. 2009 to present.
Member, Quality Committee of the Board. 2009 to present.
Quality of Care Committee. 2009 to present.

Princess Margaret Hospital:
Chair, Cancer Program Quality Committee. 2008 to present.
Chair, Head and Neck Site Group. 2001 to present.
Member, Cancer Program Cancer Committee. 2001 to present.
Member, Department of Surgical Oncology Management Council. 2001 to present.

Member, Editorial Board:
Journal of Otolaryngology. 1989 to present.
Head and Neck Surgery. 1999 to present.

DR Goldfarb
Director, Toronto Snoring Centre. 1993 to present.

Member, Abbott/Biaxin Advisory Board. 2003 to present.

D Goldstein
Completed and defended his Master’s thesis in Clinical Epidemiology, Department of Health, Policy & Management, University of Toronto titled “Assessment of the Measurement Properties of the DASH Questionnaire in Head and Neck Cancer Patients that have Undergone a Neck Dissection.” 2010.
Co-coordinator, Journal Club, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2007 to present.

Director of Research, Division of Head & Neck Oncology, Department of Otolaryngology, University of Toronto, Toronto. 2010 to present.

Coordinator, Head and Neck Oncology & Endocrinology Rounds; Weekly Multidisciplinary Rounds, University Health Network. 2006 to present.

Representative, Cancer Registry and Staging Committee, Department of Surgical Oncology, University Health Network. 1998 to present.

Princess Margaret Hospital, Toronto, Ontario.
Co-coordinator, Melanoma & Skin Malignancy Multidisciplinary Tumor Board; Melanoma Site Group. 2008 to present.
Member, Head & Neck Cancer Tissue Committee. 2009 to present.
Director of Research, surgical division of the Wharton Head & Neck Oncology program. 2009 to present.
Director of Research, Head & Neck Surgical Oncology Fellowship. 2007 to present.

Member, Publications Committee American Head and Neck Society. 2009 to present.

Member, Microvascular Surgery Committee, American Academy of Otolaryngology. 2011 to present.

Ad hoc reviewer
Archives of Otolaryngology. 2008 to present.
Canadian Medical Association Journal. 2007 to present.
European Journal of Cancer. 2009 to present.
Head and Neck. 2007 to present.
Otolaryngology Head & Neck Surgery. 2006 to present.
World Journal of Surgery. 2009 to present

K Gordon

Society for Ear, Nose and Throat Advances in Children (SENTAC).
Winner of the 2009 Travel Award
Member, Program Committee, Annual Meeting December 2010.
Member, Board of Directors, Annual Meeting December 2010.

Institute of Medical Sciences, University of Toronto
Associate Graduate Faculty Member. 2007 to present.
Course Facilitator
Poster Judge, IMS Scientific Day 2010.

Member, Audiology Committee, Department of Otolaryngology – Head and Neck Surgery, University of Toronto.

Member, Research Committee, Department of Otolaryngology – Head and Neck Surgery, University of Toronto.

Reviewer:
Annals of Otorhinolaryngology. 2008 to present.
Archives of Otolaryngology – Head and Neck Surgery Audiology and Neurotology. 2006 to present.
Canadian Institutes of Health Research. 2005 to present.
Ear and Hearing. 2005 to present.
Early Human Development Hearing Research. 2005 to present.
International Journal of Pediatric Otolaryngology. 2004 to present.
Journal of the Association for Research in Otolaryngology
Journal of Clinical Neurophysiology. 2007 to present.
Journal of Neurophysiology. 2007 to present.
Otology and Neurotology. 2007 to present.

G Goulding
Member, Awards Committee, Canadian Association of Speech Language Pathologists & Audiologists (CASLPA). 2011 to present.

Hospital for Sick Children
Member, Diversity Committee. 2009 to present.
Member, Healthy Workplace Committee. 2007 to present.
Member, Accessibility Committee. 2004 to present.
PJ Gullane
Recipient of the 2010-2011 “Teacher of the Year Award” – Department of Otolaryngology – Head and Neck Surgery – University of Toronto. May 2011. [Received for life-time of teaching, education and mentoring of students, clerks, residents and fellows].

2nd Vice-President Elect – Canadian Society of Otolaryngology – Head & Neck Surgery. 2010-11.

American Academy of Otolaryngology – Head and Neck Surgery
Consultant, Head and Neck Surgery and Oncology Committee. 2006-2010.

Member, Editorial Review Board:
SIIPac Faculty, American Academy of Otolaryngology – Head and Neck Surgery. 1989 to present.
Les Annales d’Otolaryngologie et de Chirurgie Cervico-Facial (France). 1991 to present.

Associate Editor, Head and Neck Journal. 2008-2011.

Editorial Board:
American Academy of Otolaryngology. 1993 to present.
The Laryngoscope. 2000 to present.
Oral and Maxillofacial Surgery. 2006 to present.

Reviewer:
Les Annales d’Otolaryngologie et de Chirurgie Cervico-Facial (France), 1991 to present.
Lebanese Journal. 2004 to present.

JJ Halik
Peer Assessor, College of Physicians and Surgeons of Ontario. 2002 to present.

Peer Assessor, College of Physicians and Surgeons of Atlantic Canada. 2003 to present.


RV Harrison
Director of Research, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 1990 to present.

Chair, Research Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 1990 to present.

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 1990 to present.

Chair, Promotions Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.

Member, Departmental Appointments Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.

Chair, Advisory Council for National Centre for Audiology (NCA), University of Western Ontario. 2006 to present.

Scientific Director, The Hearing Foundation of Canada. 2000 to present.

Member, Executive Advisory Committee Brain and Behavior Division, Hospital for Sick Children. 2005 to present.

Member, Ontario Cochlear Implant Planning Group. 1993 to present.

Reviewer, Research Fund Granting Agencies:
Alberta Heritage Foundation
Medical Research Council of Canada
The Hospital for Sick Children Foundation

Reviewer, Scientific Journals:
NeuroImage
Journal of Comparative Physiology
Journal of the Acoustical Society of America
Hearing Research
BioMed Central ENT Journal
Journal of Communication Disorders
Audiologie
Revue Laryngology Otology Rhinology
Prostaglandins
Audiology Neuro-Otology
The Journal of Otolaryngology
Scanning Microscopy
Journal of Speech-Language Pathology and Audiology
Human Communication Canada
Canadian Acoustics
Journal of the Association for Research in Otolaryngology
KM Higgins
Department of Otolaryngology – Head and Neck Surgery, Sunnybrook Health Sciences Centre:
Post-Graduate Director
Member, Head and Neck Oncology Fellowship
Directorship
Site Coordinator, Endocrine Multidisciplinary Case Conferences. Odette Cancer Centre
Reviewer:
Laryngoscope. 2006 to present.
Head and Neck. 2010 to present.
Clinical Otolaryngology. 2011 to present.

ML Hyde
Member, Working Group on Screening Definition & Classification, Maternal-Child Screening Committee, BORN Ontario, 2011 to present.
Consultant (part-secondment), Infant Hearing Program, Ontario Ministry of Children and Youth Services. 2000 to present.
Manuscript Reviewer, Ear and Hearing.
Member, Research Ethics Board, Mount Sinai Hospital. 1998 to present.

JC Irish
Holder of the Kevin and Sandra Sullivan Chair in Surgical Oncology, a Princess Margaret Hospital and University of Toronto named chair. 2008-2013.
Chief, Department of Surgical Oncology, University Health Network/Mt. Sinai Hospital. 2001 to present.
Head, Surgical Services, Princess Margaret Hospital. 2001 to present.
Regional Head, Surgical Oncology, Toronto Central LHIN. 2005 to present.
Co-lead, Imaging and Therapeutics Technologies Core, TECHNA Institute. 2011 to present.

Ministry of Health and Long Term Care
Chair, Surgery and Diagnostic Imaging Council, Access to Care. 2009 to present.
Chair, Clinical Expert Panel – Cancer. 2005 to present.
Member, Provincial Program Advisory Committee.

Cancer Care Ontario
Provincial Head, Surgical Oncology Program. 2008 to present.
Member, Wait Times Steering Committee. 2006 to present.
Member, Clinical Council
Member, Clinical Programs Operation Committee
Member, Cancer Surgery Coordinating Committee. 2005-2008.
Chair, Cancer Surgery Coordinating Committee. 2008 to present.
Chair, Model of Care Task Force – AFP-SRF Task Force. 2009 to present.
Chair, Toronto Central Surgical Oncology Council. 2005 to present.
Member of the Examination Board in Otolaryngology – Head and Neck Surgery, Royal College of Physicians and Surgeons of Canada 2007 to present.
Chair, Departmental Appointments Committee (DAC). Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.
Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.
Associate Member, Institute of Medical Science, School of Graduate Studies. University of Toronto. 2007 to present.
American Head and Neck Society
Member, CME Measurement Task Force. 2011 to present.
Member, Publications Committee. 2008-2010.
Program Chair, 8th International Conference on Head and Neck Cancer. 2008-2012.
Appointed Canadian President, Collegium Oto-Rhino-Laryngologicum Amicitiae Sacrum. 2002 to present.
Expert Reviewer, Canadian Cancer Society, Patient Education. 2005 to present.
Reviewer:

- Archives of Otolaryngology. 1999 to present.
- British Medical Journal. 1996 to present.
- Cancer. 2008 to present.
- Head and Neck. 2002 to present.
- Journal of Surgical Oncology. 2002 to present.
- Laryngoscope. 2003 to present.
- Otolaryngology – Head & Neck Surgery. 2003 to present.

Editorial Board:

- Journal of Otolaryngology. 2009-2010
- Head and Neck. 2010 to present.
- Parkhurst Exchange. 2005 to present.

Associate Editor:

- Head and Neck. 2010 to present.

A James

Co-coordinator, Journal Club, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2007 to present.

Hospital for Sick Children

- Member, Research Ethics Board. 2006 to present.

Section Editor, The Cochrane Library (Ear, Nose & Throat Disorders Group). 2008 to present.


J Lee

Member, Information Technology Committee. American Rhinologic Society (ARS). September 2010 to present.

Member, Rhinology Working Group. Canadian Society of Otolaryngology – Head & Neck Surgery. 2010 to present.

American Journal of Rhinology and Allergy

- Member, Editorial Board. May 2011 to present.
- Quality Control Reviewer. January 2011 to present.

Invited Reviewer:

- International Forum of Allergy and Rhinology. 2010 to present.
- American Journal of Rhinology and Allergy. 2009 to present.

V Lin

Adjudicator, Department of Otolaryngology – Head and Neck Surgery, University of Toronto annual research day “Percy Ireland Day.” May 2011.

Reviewer & Contributor:

- CIHR Reviewer
- The Journal of Otolaryngology
- The American Journal of Case Reports
- Otolaryngology/Head & Neck Surgery Annual Resident In-Service Examination Contributor

AM Noyek

Founder, Isabel Silverman Canada-International Scientific Exchange Program (CISEPO).

Vice President of the Board and Director, The Saul A. Silverman Family Foundation.

Member, Steering Committee, Canadian Representative, Middle East Association for Managing Hearing Loss (MEHA).

Chairman, Awards Committee for the Freda Noyek Otolaryngology Merit Award. 1985 to present.

Assessor, Quality Assurance Program, College of Physicians and Surgeons of Ontario, 2008 to present.


Canadian Jewish Congress:

- Member, Ontario Region Executive Committee. 1995 to present.
- Member, National Executive Committee. 1998 to present.

Member, Central Cabinet, Ontario Region League for Human Rights, B’Nai Brith Canada. 1993 to present.

Member, Otorhinolaryngology Advisory Panel, The United States Pharmacopeia Convention, Inc. 1995 to present.

Director, International Continuing Education, Faculty of Medicine, University of Toronto. 2002 to present.

Member, Awards Subcommittee, Continuing Education and Professional Development, Faculty of Medicine, University of Toronto. 1993 to present.

Manuscript Reviewer:

Editorial Board:
Head & Neck, 1990 to present.
The Laryngoscope, 1990 to present.
Otolaryngology – Head & Neck Surgery, 1990 to present.
Current Opinion in Otolaryngology and Head & Neck Surgery, 1992 to present.

Book Reviewer, Archives of Otolaryngology, American Medical Association. 1981 to present.

V Papaioannou
Co-Chair Audiology Committee, Department of Otolaryngology – Head and Neck Surgery, University of Toronto. 2005 to present.

Member, Executive Committee, Department of Otolaryngology – Head and Neck Surgery University of Toronto. 2005 to present.

Chair, Supportive Personnel Presentation Committee. Canadian Association of Speech Language Pathologists and Audiologists. August 2009 to present.

Hospital for Sick Children
Awarded Certificate of Recognition for Clinical Education. 2010.
Professional Advisory Committee. September 2005 to present.
Operating Room Efficiency Task Force. May 2010 to present.
Associate Director, Cochlear Implant Program. 1999 to present.
Audiology Practice Leader. 1996 to present.

College of Audiologists and Speech-Language Pathologists of Ontario (CASLPO)
Elected President. 2010-2011.
Member, Finance Committee. February 2011 to present.
Peer Assessor. November 2001 to present.
Assistive Devices Program Task Force. March 2010 to present.
Member, Executive Committee. July 2009 to present.
Councillor. July 2009 to present.
Member, Discipline Committee. July 2009 to present.
Member Quality Assurance Committee. July 2009 to present.
Member, Audiology Practice Committee. July 2009 to present.

Member, Awards Committee, Canadian Association of Speech Language Pathologists and Audiologists (CASLPA). April 2010 to present.

Member, FM System Criteria Working Group, Ontario Ministry of Health and Long Term-Care Assistive Devices Program. June 2009 to present.

Member, Audiology Work Group – Infant Hearing Program (City of Toronto). May 2001 to present.

Member, Operations Committee for the Infant Hearing Program (City of Toronto). January 2003 to present.

Member, Advisory Committee, Georgian College Communicative Disorders Assistant Program. October 2003 to present.

BC Papsin
Director, Pediatric Cochlear Implant Program. The Hospital for Sick Children, Faculty of Medicine, The University of Toronto. 1997 to present.

Cochlear Americas Chair in Auditory Development. The Hospital for Sick Children, Toronto, Ontario. December 2003 to present.

Member, Board of Examiners, Undergraduate Medical Program, University of Toronto, Faculty of Medicine. September 2006 to present.

Member, Promotions Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2009 to present.

Hospital for Sick Children, Toronto, Ontario
Member, Credentials Committee. December 2000 to present.
Surgical Research Committee. June 2006 to present.
Member, Information/Availability Business Continuity Steering Comm. 2008 to present.
Co-Chair, POCU Efficiency Task Force. Mar 1, 2010 to present.

American Society of Pediatric Otolaryngology [ASPO].
Member, Education and Curriculum. 2010-2013
Member, Executive Committee, Board of Directors 2011-2014

Member, How I do It (HIDI) Committee, The Triological Society. 2010 to present.

American Academy of Otolaryngology – Head and Neck Surgery
Editorial Board Reviewer. November 2003 to present.
Member, Pediatric Otolaryngology Education Committee. July 2007 to present.
Member, Otology and Neurotology Education Committee,
American Society of Pediatric Otolaryngology Representative. May 1, 2010 – May 1, 2012

Editorial Board, Reviewer:
Archives of Otolaryngology – Head and Neck Surgery. 2006 to present.
BMC Ear, Nose and Throat Disorders. 2004 to present.
International Journal of Pediatric Otorhinolaryngology. 2004 to present.
Journal of Otology and Neurotology. 2006 to present.
The Laryngoscope. 2003 to present.
University of Toronto Medical Journal. 2000 to present.

EJ Propst
Member, Stem Cell Working Group. Hospital for Sick Children. 2010 to present.

Journal Reviewer:
Canadian Medical Association Journal. 2005 to present.
International Journal of Pediatric Otorhinolaryngology

R Ralhan
Awarded a CIHR Chair in the Research and Development Collaborative Research Program. 2011 to 2016.

Patents:
PCT/CA2009/0001954 “Head and Neck Cancer Biomarkers” (Siu, Ralhan, Matta, DeSouza).
CAN 2,643,611 “Biomarkers for Head and Neck Cancers and Precancers” (Siu KWM, Ralhan R, Matta A, DeSouza, LV).
US patent 61/244173/2009 “Methods and Compositions for the Diagnosis and Treatment of Thyroid Cancer. (Walfish and Ralhan).
US patent/ 2010 “Secretome Based Markers for the Diagnosis and Treatment of Thyroid Cancer (Walfish and Ralhan) (Under Filing March 2010).

Member, Grant Review Committee, CIHR Industry Partnered Collaborative Research.

Councilor, International Academy of Oral Oncology. 2005 to present.

Member, Advisory Board:
Head & Neck Oncology. 2008 to present.
South Asia for L.I.R. Biochemistry. 2009 to present.

K Riko
Director, Mount Sinai Hospital Otologic Function Unit (Audiology and Speech-Language Pathology services and Hearing Aid Dispensary). July 1998 to present.

Audiology Committee, Department of Otolaryngology – Head and Neck Surgery, University of Toronto.
Chair, 1984-2005
Co-Chair, 2005 to present

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 1983 to present.

Member, Departmental Appointments Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2006 to present.


Member, Ontario Speech-Language Pathologists and Audiologists Association. 2005 to present.

International Member, American Academy of Audiology. June 2005 to present.

Member, International Society of Audiology. January 2006 to present.

Member, Canadian Academy of Audiology. September 2005 to present.

Mount Sinai Hospital
Member, MNet Lunch & Learn Program. 2011 to present.
Alternate Management Representative, Occupational Health & Safety Committee. 2011 to present.
Member, Emergency Procedures Committee. 2005 to present.
Member, Senior Administrator On-Call Program. 2004 to present.
Chair, Management Network (MNet) Committee. January 2000 to present.

Isabel Silverman Canadian International Exchange Program (CISEPO):
Consultant in Hearing Health, 2001 to present.
Reviewer:
Journal of Speech-Language Pathology and Audiology. 1994 to present.
Canadian Journal of Neurological Sciences. 1993 to present.
Journal of Academy of Rehabilitative Audiology. 1993 to present.
Journal of Otolaryngology. 1973 to present.

R Rival
Director, Community Academic Faculty, Department of Otolaryngology, University of Toronto. 2003 to 2011.
Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2003 to 2011.
Chief, Division of Otolaryngology – Head & Neck Surgery, Southlake Regional Health Centre. May 2005 to present.

JA Rutka
Consultant Otolaryngologist, Workplace Safety and Insurance Appeals Tribunal (WSIAT) of Ontario. 1990 to present.
Chief Otoneurologic Consultant, Workplace Safety and Insurance Board (WSIB) of Ontario. 1987 to present.
Consultant Panel Member, Ontario Anti-infective Review Panel, Toronto Canada. 1994 to present.
Member, Tariff Committee, Section of Otolaryngology, Ontario Medical Association [OMA]. 1998 to present.
Consultant Otolaryngologist, Dryden District Regional Health Centre. Dryden, Ontario. 2002 to present.
Consultant Otolaryngologist, Sioux Lookout General and District Hospital. Sioux Lookout, Ontario. 1987 to present.
Member, Editorial Board:
Canadian Journal of Diagnosis. 1992 to present.
Assistant Director, Ear Pathology Research Laboratory (EPRL) Ontario Temporal Bone Bank, University of Toronto.

DB Shipp
Coordinator, Cochlear Implant Program, Sunnybrook Health Sciences Centre. 1988 to present.
Provincial Coordinator, Ontario Cochlear Implant Centres Group, Ontario Ministry of Health. 1993 to present.

O Smith
Toronto East General Hospital
Otolaryngologist-in-Chief, 2005 to present.
Director, Foundation. 2003 to present.
Member, Credentials Committee. 2002 to present.
Member, Medical Affairs Committee. 2004 to present.
Chairman, Community Research Committee. 2008 to present.
Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2005 to present.
Chair, Otolaryngology – Head and Neck Surgery Section. Ontario Medical Association. February 2009 to present.

AJ Smitheringale
Nominated for the 2010-2011 Peters-Boyd Academy Teaching Award.

P Solomon
Regional Director, Canadian Academy of Facial Plastic Surgery. 2007 to present.
College of Physicians and Surgeons of Ontario (CPSO):
Member, “Change in Scope of Practice Committee” Otolaryngology – Head and Neck Surgery Representative. 2010.
Out of Hospital Facility Inspector. 2010.

D Storms
Peer Assessor, College of Audiologists and Speech-Language Pathologists of Ontario (CASLPO). 2010 to present.

AD Vescan
Member, Undergraduate Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2009 to present.
Site Coordinator, Undergraduate Education, Wightman-Berris Academy (Mt. Sinai Hospital), Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2008 to present.
Member, OR Committee, Mt. Sinai Hospital.

Reviewer:
- Allergy and Rhinology
- Canadian Journal of Otolaryngology
- Skull Base

**P Wade**
Medical Director, Canadian Hearing Society. Toronto, Ontario. 1977 to present.

Director of BAHA (Bone Anchored Hearing Aid) Program at Markham Stouffville Hospital. 1996 to present.

**IJ Witterick**
Recipient, Charles Mickle Fellowship Award, award presented by the Postgraduate Medical Education, University of Toronto to "an individual who has contributed greatly to medicine during the past ten years"

Vice-Chair, Department of Otolaryngology – Head & Neck Surgery University of Toronto. September 2006 to present.

Director of Postgraduate Education, Department of Otolaryngology – Head & Neck Surgery University of Toronto. September 2004 to present.

Director of Continuing Education, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2002 to present.

Member, Executive Committee, Department of Otolaryngology – Head & Neck Surgery, University of Toronto. 2002 to present.

Member, Budget Committee, Department of Otolaryngology-HNS, University of Toronto. 2006 to present.

Member, Promotions Committee, Department of Otolaryngology-HNS, University of Toronto. 2010 to present.

Member, Departmental Appointments Committee, Department of Otolaryngology-HNS, University of Toronto. 2010 to present.

Chair, Postgraduate Education Committee, Department of Otolaryngology – Head & Neck Surgery University of Toronto. September 2004 to present.

Faculty of Medicine, University of Toronto
- Member, Postgraduate Medical Education Advisory Committee. 2004 to present.
- Member, Core Surgery Committee. 2004 to present.
- Continuing Education Directors and Leaders Committee. 2005 to present.
- Member, Continuing Education & Professional Development Council. 2005 to present.
- Member, Internal Review Committee, Postgraduate Medical Education. 2007 to present.
- Member, Task Force on Relations with Industry and the Private Sector (TRIPS). 2008 to present.
- Member, Advisory Committee on Professionalism. 2008 to present.
- Member (ex-officio), Faculty Council. 2011 to present.
- Member, Agenda Committee. 2011 to present.
- Member, Striking Committee. 2011 to present.
- Chair, Education Committee. 2011 to present.

Associate Member, Institute of Medical Science, University of Toronto. 2009 to present.

Chair, Program Committee, 21st Annual North American Skull Base Society Meeting, Scottsdale, AZ, February 2009 -2011.

Canadian Society of Otolaryngology – Head & Neck Surgery:
- Ontario Council Representative. 2010 to present.
- Chair, Rhinology Group. 2010 to present.

Continuing Education and Professional Development (CEPD),
Faculty of Medicine, University of Toronto:
- Chair, Commercial Support Policy Review Taskforce. 2010 to present.
- Member, Strategic Planning Committee. 2010 to present.

Member, Canadian Guidelines on Acute and Chronic Rhinosinusitis Committee. 2007 -2010.

The Royal College of Physicians and Surgeons of Canada:
- Co-Chair, Otolaryngology – Head & Neck Surgery Board of Examiners. 2007 to present.
- Member, Accreditation Committee. 2010 to present.
- Corresponding Member, Specialty Committee for Otolaryngology-HNS. 2004 to present.

North American Skull Base Society
- Member, Credentials Committee. 2008 to present.
- Member at Large. 2011 to present.

Chair, Program Directors Committee, Canadian Otolaryngology – Head & Neck Surgery Programs. September 2004 to present.
Associate Editor:
American Journal of Rhinology & Allergy. 2010 to present.
Allergy and Asthma. 2004 to present.

Manuscript Reviewer:
American Journal of Rhinology & Allergy. 2010 to present.
Cancer. 2011 to present.
Cochrane Ear, Nose and Throat Disorders Group. (Peer Reviewer) 2004 to present.
Ear, Nose and Throat Journal. 2009 to present.
Head and Neck. 2008 to present.
Laryngoscope. November 2003 to present.
Skull Base. 2010 to present.

E Wong
Member, Board of Directors, Canadian Academy of Audiology. 2008 to present.
Conference Co-Chairperson. Canadian Academy of Audiology Annual Conference. 2009 to present.
Member, Conference Planning Committee; 2016 International Society of Audiology World Congress. 2010 to present.

JK Wong
Founder and Team Leader, Project “Smile China” for cleft lip and palate repair in remote parts of China. 2001 to present.
Chair, 4th International Conference in Facial Plastic Surgery in Chengdu, China. August 2010.
PAAFPRS Chair of the Joint Meeting of the Hong Kong Rhinology Facial Plastic Surgery meeting of the Chinese University, ENT Division in partnership with PAAFPRS in Hong Kong, SAR China. December 2010.

M Zirkle
Director, Fitzgerald Academy, Faculty of Medicine, University of Toronto. 2010-2015.

Undergraduate Medical Education, Faculty of Medicine, University of Toronto
Member, Executive Committee
Member, Curriculum Committee
Member, Preclerkship Committee
Member, Clerkship Committee
Member, Student Health and Wellness Committee
Member, Career Development Subgroup

St. Michael’s Hospital
Member, Search Committee, Anesthesia Chief
Member, Education Council
Co-Chair, Student Experience Committee
Member, Interprofessional Health Committee
Founder, Otolaryngology Interest Group. 2010.

Reviewer:
Archives of Otolaryngology – Head and Neck Surgery
Medical Education
The Laryngoscope
Otolaryngology – Head and Neck Surgery
Departmental Committees

Executive

Postgraduate
Drs. I. Witterick (Chair), A. Chiodo, P. Campisi, A. Gantous, R. Gilbert, K Higgins, V. Lin, A. Alexander and E. Prisman (PGY5), A. Wong (PGY4), J. Guillemaud (PGY3), N. Wolter (PGY2), L. Kus (PGY1), D. Pothier (Fellow).

Undergraduate
Drs. P. Campisi (Chair), D. Brown, Y. Chan, A. Chiodo, J. Davidson, A. Vescan, Ms. S. Druker and J. Yip (Student Representative)

Continuing Education and Professional Development
Dr. I. Witterick

Departmental Appointments Committee

Research

Audiology

Promotions
Drs. R.V. Harrison (Chair), P. Adamson, V. Forte, R. Gilbert, P.J. Gullane, J. Irish, B. Papsin and I. Witterick.

Budget Advisory

Community Academic Faculty
Departmental Committee Reports

EXECUTIVE

Dr. P.J. Gullane

This is the senior advisory body to the Chair. In this capacity, it receives full reports from all standing committees and sub-committees. The Committee meets monthly. The Committee provides guidance to the Chair in all matters of the Department’s activities. Minutes of these meetings are distributed to all Department members.

I wish to take this opportunity to acknowledge and thank the following individuals who have served on the Executive over the past year: Drs. Jennifer Anderson, Paolo Campisi, Joseph Chen, Vito Forte, Jeremy Freeman, Ralph Gilbert, Robert V. Harrison, Jonathan Irish, Ms. Vicky Papaioannou, Ms. Krista Riko, Drs. Richard Rival, Oakley Smith and Ian Witterick.

Your support to the Department’s direction, mission and guidance is invaluable. I am indebted to your contributions and leadership.

POSTGRADUATE EDUCATION

Dr. I.J. Witterick

The Postgraduate Education program of our department had another excellent year with numerous accomplishments and successes as detailed in this report.

We have the largest and most comprehensive training program in Otolaryngology – Head & Neck Surgery (HNS) in Canada. Our core teaching faculty are well recognized national leaders in all subspecialties of otolaryngology–hns and many are considered leaders in international circles. Our training program includes a well organized and comprehensive program of didactic and hands-on skills training which covers the breadth of otolaryngology–hns. When our residents complete training, they possess excellent skills and have amassed significant experience to enter community practice or pursue additional fellowship training for a career in an academic centre. Many of our residents and fellows have gone on to assume leadership roles in both the community and academic arenas. In addition, our research programs continue to be innovative, comprehensive, and award winning.

Residents

During this academic year, there were twenty-seven residents and twenty-three clinical/research fellows. Congratulations to Dr. Ashlin Alexander, Dr. Nitin Chauhan, Dr. John de Almeida, Dr. Theresa Holler and Dr. Raewyn Seaberg on successfully passing the Royal College examination in otolaryngology–hns held on June 16-17, 2011. Dr. Alexander is spending a one year fellowship in Facial Plastic and Reconstructive Surgery at New York University, New York, USA and will follow that with a Head and Neck Oncology Fellowship for one year in Sydney, Australia. Dr. Chauhan is completing a one year Facial Plastic and Reconstructive Surgery Fellowship with Dr. David Ellis in Toronto. Dr. de Almeida is completing a Head and Neck Oncology and Reconstructive Fellowship with Dr. Eric Genden in New York City, USA and will follow that with further fellowship training in Skull Base Surgery with Dr. Carl Snyderman in Pittsburgh, USA. Dr. Holler is spending
one year with Dr. Jennifer Anderson doing a Laryngology Fellowship at St. Michael’s Hospital, Toronto and Dr. Seaberg will be pursuing further postgraduate education and research under the mentorship of Dr. Joseph Chen at Sunnybrook Health Sciences Centre and Trillium Health Centre, Toronto.

**Resident Selection**

We continue to have very strong interest in our training program among medical students across Canada. The caliber of medical students interested in our specialty remains high. Our residents, fellows and faculty continue to do an excellent job in mentoring medical students and showcasing our program and specialty to them. I am very thankful again to the CaRMS selection committee who has the difficult task of selecting from among outstanding candidates applying to our program. The CaRMS selection process includes three traditional interviews and six multiple mini interviews (MMIs). The traditional interviews were run by four faculty (Drs. Ian Witterick, Patrick Gullane, Jennifer Anderson, and Allan Vescan) and two residents (Drs. Luke Harris and Ashlin Alexander). The six MMI stations were run by four faculty (Drs. Robert Harrison, Evan Propst, Jacob Friedberg, and Vicky Papaioannou) and two residents (Drs. Theresa Holler and Eitan Prisman). The PGY2-4 residents made up the scenarios for the six MMI stations.

We welcome the five Canadian medical graduates (CMGs) who successfully matched to our program. These were Dr. Sarah Hugh (University of Toronto), Dr. Kayvan Nateghfard (University of Western Ontario), Dr. Heather Osborn (University of Western Ontario), Dr. Modupe (Dupe) Oyewumi (University of Toronto) and Dr. Edward Park (University of Ottawa).

**Postgraduate Education Committee**

The Postgraduate Education Committee continued to function well with representation from each major teaching site, a member of each resident year, and a representative from the fellows. In addition this year, a faculty representative from the Department’s Research Committee, Dr. Vincent Lin, joined the committee. The faculty representatives and postgraduate hospital coordinators for each site were Dr. I. Witterick – Mt. Sinai Hospital, Dr. Ralph Gilbert – University Health Network, Dr. Paolo Campisi – Hospital for Sick Children, Dr. Andres Gantous – St. Michael’s Hospital and St. Joseph’s Health Centre, Dr. Al Chioco – Toronto East General Hospital, and Dr. Kevin Higgins – Sunnybrook Health Sciences Centre. The fellow representative on the committee was Dr. David Pothier. The resident representatives were Dr. Lukas Kus (PGY1), Dr. Nikolaus Wolter (PGY2), Dr. Jennifer Guillemaud (PGY3), and Dr. Adrienne Wong (PGY4).

Each year all residents vote anonymously for the elected Chief Resident position which runs from May 1 of the PGY4 year to April 30 of the PGY5 year. The elected Chief Resident to April 30, 2010 was Dr. Ashlin Alexander and the newly elected Chief Resident, Dr. Eitan Prisman started his term on May 1, 2011. Dr. Alexander did an exemplary job in this role and we congratulate Dr. Prisman on the selection by his peers for this important role.

The residents and fellow on the committee take an active role in all decision making pertinent to postgraduate education including discussion of rotations, goals and objectives of each rotation and the overall program, and evaluations of residents, faculty, and rotations. Each rotation is scrutinized with input from all residents through their representatives on the committee and tabulated for discussion by the Chief Resident or designate.

**Curriculum**

Our curriculum consists of two years of core surgery training followed by three years of specialty training in University of Toronto teaching hospitals. There is a substantial program of didactic and practical skills courses arranged for residents during their five year residency. During the PGY1 and 2 years, residents attend the “Principles of Surgery” lecture series given weekly by the Department of Surgery and PGY2 residents take the Royal College “Principles of Surgery” exam in the second half of their year which is a pre-requisite to taking the final Royal College exam in otolaryngology–hns. In addition, PGY1 residents attend a weekly two to three hour Surgical Skills training course in the Surgical Skills Centre at Mt. Sinai Hospital. The curriculum covers the full range of basic surgical skills (suturing, skin flaps, skin grafting, arterial and venous vessel repair, gastrointestinal anastomosis, etc.) At the end of the program in the spring of each year, PGY1 residents undergo a practical skills assessment exam and are graded against residents in all of the surgical specialties.

PGY2 to 4 residents have protected academic time each Friday morning from 9:00 am to 12 noon for core lectures. This is a three year cycle of lectures given by faculty within our department and other departments as required. The lectures cover all aspects of otolaryngology–hns management as well as specific lectures on all of the CanMEDS roles. At the end of each block of lectures, residents write a three hour exam in the same format as the final Royal College Exam.

PGY3 residents spend the equivalent of one month in the Department of Anatomy receiving didactic head and neck anatomy lectures and interactive seminars from Department of Anatomy Professors. Residents get the opportunity to dissect as well as teach first year medical students head and neck anatomy.

PGY5 residents participate in the Fellowship Study Course organized by our department from October to May each year. Residents are invited and encouraged to attend the multiple continuing education events organized by our department and often have case presentation discussions with visiting professors.
Our department organizes a large number of first-class practical skills sessions for residents each year including temporal bone drilling sessions, courses in soft-tissue dissection, rhinoplasty, sinus surgery, and facial plating. Three of our residents attended the sinus surgical dissection course for Canadian otolaryngology–hns residents in Vancouver in July 2010. All PGY1 residents are sponsored by the department to attend an advanced trauma life support (ATLS) course at St. Michael's Hospital each year.

The five PGY4 residents were sponsored by our academic hospital departments to attend the Annual Meeting of the American Academy of Otalaryngology – Head & Neck Surgery in Boston, MA in September 2010. Thank you to the Departmental Chiefs and faculty at the University Health Network, Mt. Sinai Hospital, Hospital for Sick Children, St. Michael's Hospital and Sunnybrook Health Sciences for supporting these residents to attend this meeting.

The core lecture series in the next academic year will focus on Otology, Neurotology, and Rhinology as well as continue to teach all of the CanMEDS roles. We will continue to have three week blocks of audiology lectures with separate lectures given to each resident level. In addition, we have added an ENG session for each level of core lecture residents this year which will continue on in the future.

**PGY1 Mentorship Program**

The PGY1 mentorship program continues very strongly with PGY1 residents meeting informally with academic and community faculty throughout the academic year. PGY1 residents were very active this year and met many times with different faculty and plan on continuing this program into their PGY2 year.

**Evaluation**

Our program has numerous practice written and oral examinations carried out during the academic year and our residents continue to perform at a very high level in the National In-Training examination each year. Residents continue to log their operative cases and clinic time in the University of Toronto’s postgraduate web evaluation and registration (POWER) software. We have accurate five-year data on the case mix the residents are involved with over the course of their residency.

**Fellows**

Our fellowship program continues to be very strong with candidates coming to Toronto for postgraduate training from across the globe. Most fellows return to their home departments with advanced training to further enhance their own departments. Clinical fellows are viewed by residents as positive role models and bring outside experience to enrich the training of our residents as internal and external reviews have shown. Overall the fellows have a significant positive impact on our resident’s education.

**Research**

Dr. Robert Harrison continues to do an excellent job mentoring residents during their four-month research block in PGY2. He fosters an atmosphere of scholarly activity and organizes a superb research evening in the fall each year where clinical and basic science researchers within our department give a brief synopsis of their work. This has helped residents, fellows, and faculty keep abreast of the research endeavours taking place within our department and also allows residents an opportunity to seek out mentors for research projects. We had another very successful Percy Ireland Annual Academic Day with presentations by our PGY2 to 4 residents and fellows and a significant number of residents and fellows presented their research work at scholarly national and international meetings this year as detailed elsewhere in this Annual Report.

We are indebted to three of our faculty, Dr. Jerry Chapnik, Dr. Jeremy Freeman, and Dr. Jack Friedberg for providing funding for the Chapnik, Freeman and Friedberg Clinician Scientist Award each year. This award was established in 2003 and is awarded to a resident, fellow or junior faculty in the Department of Otolaryngology–HNS enrolled in a Masters or PhD degree at the University of Toronto. This year’s recipient was Dr. Jennifer Guillemaud who completed a Masters in Bioethics at the University of Toronto.

**Awards**

Awards given at the 20th Annual Percy Ireland Academic Day are detailed elsewhere in this Annual Report.

A new award was given this year for the “Resident Teacher of the Year.” The terms of reference for the award include an anonymous vote by all residents for a PGY5 resident who they felt was the best teacher during their training period. The award recipient is given a certificate and a cheque. Congratulations to Dr. John de Almeida who is the first recipient of this award.

**External award winners include:**

Dr. Nikolaus Wolter who received first place for his research paper presented at the Resident Research Day symposium for residents from the Triological Society (Eastern Section) programs on June 18, 2011 in New York City. There were thirty podium presentations and thirty poster presentations from seventeen different otolaryngology–hns programs in attendance. Dr. Wolter’s paper was titled “Investigation of the Olivocochlear System and Middle Ear Muscle Reflexes with Contralateral Suppression of DPOAEs in Real Time.” His mentors were Dr. Adrian James and Dr. Robert Harrison.

Dr. Brad Hubbard (PGY3) won one of two prizes at the National Poliquin Resident Research Competition as part of the 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery for his project titled “A Novel, Low-Cost System for Posturography: A Platform for
Longitudinal Balance Telemetry." His mentors were Dr. John Rutka and Dr. David Pothier.

Dr. Kian Karimi was selected to receive the John Orlando Roe award for his fellowship research paper titled "Ethical Considerations in Aesthetic Rhinoplasty: A Survey, Critical Analysis and Review." This award, named for Dr. John Orlando Roe, the surgeon who accomplished the first Rhinoplasty in 1887, includes a certificate and an award of $1,000 to be presented each year to an AAFPRS fellow in an AAFPRS foundation fellowship program who submits the best clinical research paper written during the current fellowship year. Dr. Karimi was Dr. Peter Adamson’s fellow during the 2010-2011 academic year.

Internal Review of Our Postgraduate Education Program

As part of the regular six-year cycle of external reviews by the Royal College of Physicians and Surgeons of Canada (RCPSC), each University of Toronto Postgraduate Education program undergoes an internal review to prepare for the external review. At our last RCPSC external review held in April 2007, our program was found to have no significant weaknesses. At the recent internal review held on April 19, 2011, no major weaknesses were identified. In the transmittal letter, the Internal Review Committee "commends this as a model program and recognizes the Program Director as a leader of how to develop an exemplary program which meets evolving standards."

Conclusions

I am indebted to our faculty who give so much of their time, energy, and efforts to educate our residents and fellows; they are the backbone of our department and show such a high degree of collegiality, professionalism, and clinical skills. I would also like to thank our new Postgraduate Education Administrator, Ms. Sandra Kellogg who has done an admiral job in organizing the Postgraduate Education program for our department. Our chair, Dr. Patrick Gullane continues to show the highest degree of support for postgraduate education. The many visitors to our Department, after seeing our Department first hand, comment on how impressed they were and frequently cite it as being one of the best otolaryngology–hns training programs in North America.

The 2010-2011 academic year was a busy time for the Undergraduate Committee. The Committee introduced new and substantial changes to the Clerkship (OTL 310) course. Specifically, students are now distributed amongst the ophthalmology and anesthesia courses to improve the student to faculty ratio. The course has also placed more emphasis on clinical teaching and has reduced the amount of didactic teaching. As a result, student and faculty ratings of the course have improved significantly.

The didactic component of the clerkship teaching has been transferred to a new pre-clerkship course named Mechanisms, Manifestations, and Management of Disease. The Committee has been assigned a week in the pre-clerkship program to provide an introduction to otolaryngologic concepts earlier in the curriculum. The course includes lectures, seminars and problem based learning.

The undergraduate otolaryngology footprint will be further expanded to the fourth year of the medical curriculum as part of the Transition to Residency course in 2011-2012. Elective rotations in otolaryngology will be available at each of the academic teaching hospitals to fourth year students interested in enhancing their otolaryngology education.
Finally, otolaryngology content has been incorporated into the Integrated OSCE program. Students will now have biannual examinations with questions related to otolaryngology in undifferentiated patients. This is a new initiative that will give another facet to student evaluation.

The Undergraduate Committee is looking forward to the 2011-2012 academic year to usher in a revised curriculum at the pre-clerkship and clerkship levels. I wish to thank all of the faculty members who have contributed to the teaching of undergraduate students in the Arts and Science of Clinical Medicine II and Otolaryngology 310 courses. I encourage everyone to participate in the new courses and continue to provide the most robust otolaryngology education in Canada.

CONTINUING EDUCATION & PROFESSIONAL DEVELOPMENT

Dr. I.J. Witterick

Our department is a leader in the delivery of high quality, interesting, and interactive continuing education (CEPD) programming geared towards community and academic otolaryngologists. We remain committed to the delivery of excellent CEPD programs for community and academic otolaryngology – head & neck surgeons. We are indebted to all of the members of the department who give freely of their time and energy to organize such excellent courses and visiting lectureships.

Our Grand Rounds include presentations from residents, fellows, community and academic faculty, guest speakers and visiting professors. Dr. Vito Forte has done an outstanding job again in coordinating Grand Rounds on Friday mornings from 7:30 – 8:30 am during the academic year.

Courses Organized

On October 12–15, 2010 Dr. Adrian James along with other members of our department including Dr. Vincent Lin and Dr. David Pothier organized a series of ear courses. The first was a Temporal Bone Radiology Course on October 12, 2010 followed by a Temporal Bone Dissection Course on October 13-15, 2010, finishing with an Endoscopic Middle Ear Surgery Course on October 16, 2010. The visiting professors were Dr Muaaz Tarabichi (Head of Otolaryngology, American Hospital Dubai), Mr. Martin Burton (Consultant Otolaryngologist, Oxford University, UK) and Mr. Neil Bailie (Consultant Otolaryngologist, Belfast, UK).

Dr. Ralph Gilbert participated in the International Federation of Head and Neck Oncologic Societies Second World Tour titled “Current Concepts in Head and Neck Surgery and Oncology” from October 1 to October 31, 2010. This Second World Tour had eight world leaders in head and neck oncology travel to different countries to provide state-of-the-art knowledge and explore the frontiers of head and neck cancer diagnosis and treatment. The content was delivered through introductory lectures, intense interactive discussions with regional specialists through case presentations, and demonstration of operative techniques through video sessions. The eight cities visited were Frankfurt Germany, Istanbul Turkey, St. Petersburg Russia, Bangalore India, Manila Philippines, Shanghai China, Rio de Janeiro Brazil, and Mexico City Mexico. Our chair, Dr. Guillane participated in the first World Tour held in 2008.

On November 5, 2010, the Division of Facial Plastic and Reconstructive Surgery held a course titled “Facial Plastic and Reconstructive Surgery 2010: The Cutting Edge.” The course directors were Drs. Peter Adamson, Kevin Higgins and Richard Rival. The guest faculty included Dr. Corey Moore (Associate Professor, Head Division of Facial Plastic and Reconstructive Surgery, Department of Otolaryngology-HNS, Schulich School of Medicine & Dentistry, University of Western Ontario) and Dr. Mark Taylor (Chief Division of Head & Neck and Reconstructive Surgery, University of Dalhousie, Halifax, Nova Scotia).

On February 12, 2011, Drs. Al Chiodo, Richard Rival and Ian Witterick co-directed another very successful Otolaryngology Update 2011. This day also incorporates the Annual Meeting of the Ontario Medical Association meeting for our specialty. All of the lectures were very well received. Our guest lecturers were Dr. Brian Westerberg, (Associate Professor of Otolaryngology-HNS, University of British Columbia and the Royal College of Physicians and Surgeons Lecturer, Region 3), Dr. Erin Wright (Associate Professor of Otolaryngology...
On February 18-20, 2011, Dr. Ian Witterick was the Program Chair for the 21st Annual Meeting of the North American Skull Base Society in Scottsdale, Arizona. The theme of the meeting was “Innovation and Excellence in Skull Base Surgery: The Future is Here.”

On June 11-12, 2011, Dr. Jeremy Freeman organized another very successful course on thyroid and parathyroid disease entitled: “Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease.” This was a two-day interactive course on problems and controversial issues related to thyroid and parathyroid management. The guest faculty included Dr. Keith Heller (New York University, New York, USA), Dr. Bryan McIver (Mayo Clinic, Rochester, USA), Dr. Janice Pasieka (University of Calgary, Calgary, Canada), Dr. Jatin Shah (Memorial Sloan-Kettering Cancer Center, New York, USA), Dr. Michael Tuttle (Memorial Sloan-Kettering Cancer Center, New York, USA), and Dr. Ralph Tufano (Johns Hopkins University, Baltimore, USA).

Visiting Professors/Lecturers to the Department

On October 15, 2010, Mr. Martin Burton, Consultant Otolaryngologist, Oxford Radcliffe NHS Trust, Senior Clinical Lecturer, University of Oxford, Co-ordinating Editor, Cochrane ENT Disorders Group, Clinical Lead, ENT & Audiology Specialist Collection NHS Evidence, Oxford, England, gave an excellent Grand Rounds on “Otolaryngological Research – Uncertainties Past, Present and Future.” Mr. Burton was also invited faculty to the Temporal Bone Dissection course as noted above.

On November 5, 2010, Dr. David J. Terris, Porubsky Professor and Chairman, Department of Otolaryngology, Medical College of Georgia, gave a stimulating Grand Rounds titled “Primary and Reoperative Parathyroid Surgery: Re-Writing the Rules.”

On December 6, 2010 Dr. Martin J. Corsten, Chair, Department of Otolaryngology-HNS, University of Ottawa gave the Third Annual Lance Connery Lectureship in Head and Neck Cancer titled “Reconstruction of the Radial Forearm Free Flap Donor Site After Pre-Operative Tissue Expansion.”

On January 7, 2011 Dr. Jacques Guilbert, Physician Risk Manager, The Canadian Medical Protective Association and one of our residents, Dr. Eric Monteiro (PGY3) gave an excellent Grand Rounds lecture entitled “From the Bedside to the Courtroom – A Medico-Legal Update for Otolaryngology in Canada.”

On January 21, 2011 Dr. Kellie Leitch, Pediatric Orthopedic Surgeon and Associate Professor, Department of Surgery at the University of Toronto gave an inspiring Grand Rounds presentation on “Opportunities for Canada’s Health Care System.” She spoke on how to grow leadership capacity for innovation through education and skills development, how to build momentum for innovation, and how to create a culture across the health system that puts focus on adoption and commercialization of ideas and innovations, not just the creation of new knowledge. Dr. Leitch has gone on to become a Canadian Member of Parliament for the riding of Simcoe—Grey elected in the 2011 federal election. She has been appointed as the Parliamentary Secretary to the Minister of Human Resources and Skills Development and to the Minister of Labour.

On January 24, 2011, Mr. Martin Birchall, Professor of Laryngology and Consultant Laryngologist at the Royal National Throat, Nose and Ear Hospital gave a morning lecture on “Laryngotracheal Transplantation.” Mr. Birchall was a scientific advisor and UK member of the surgical team that performed a very rare laryngeal transplantation procedure on a US patient, attracting worldwide attention.

On February 4, 2011, Dr. Lorne Parnes, Professor, Department of Otolaryngology-HNS, Schulich School of Medicine & Dentistry, The University of Western Ontario gave the Third David Tomlinson Lecture titled “Twenty-three Years of Vestibular Surgery: The University of Western Ontario Experience.”

On February 11, 2011, Dr. Brian Westerberg, Clinical Associate Professor of Otolaryngology-HNS, University of British Columbia gave an informative Grand Rounds titled: “Uganda Hearing Healthcare Program: Lessons learned over 10 years.” Dr. Westerberg also participated in Otolaryngology Update 2011 as noted above.

On March 10-11, 2011, Dr. Elina Toskala, Professor of Allergology, Department of Environmental Medicine, Karolinska Institute, Stockholm, Sweden and Adjunct Professor, Department of Otolaryngology-HNS, Pennsylvania University, Philadelphia, USA and the Center for Applied Genomics, The Children’s Hospital of Philadelphia, Philadelphia, PA gave an evening lecture on March 10, 2011 titled “The United Airways Concept” and gave Grand Rounds on March 11, 2011 titled “Occupational Rhinitis.”

On March 21, 2011, Professor Frans JM Hilgers, Netherlands Cancer Institute, Amsterdam/Antoni van Leeuwenhoek Hospital, Institute for Phonetic Sciences, and Academic Medical Center, University of Amsterdam, The Netherlands gave an afternoon lecture titled “Current Trends & Themes in Curative Treatment & Rehabilitation for Advanced Larynx Cancer.”

On April 1, 2011, members of the Department attended the John Palmer Lecture, University Rounds, Department of Surgery given by Dr. Gerard M. Doherty, NW Thompson Professor of Surgery, Vice Chair, Department of Surgery, University of Michigan entitled “Parathyroid Function Preservation and Regeneration.”

On April 14-15, 2011, Dr. Paul Donald, Professor and Vice Chair, Department of Otolaryngology – HNS, UC Davis Medical Center, Sacramento, California gave two first-
rate lectures. The first was the Third Head & Neck Cancer Foundation Lecture titled “Laser Resection of the Oropharynx.” The following morning, April 15, 2011, he gave Grand Rounds entitled “History and Evolution of Skull Base Surgery.”

On May 6, 2011, Dr. Ehab Y. Hanna, Professor and Vice Chair of the Department of Head and Neck Surgery at The University of Texas M. D. Anderson Cancer Center in Houston, Texas, gave the Percy Ireland Day Visiting Professor Oration titled “Cancer of the Paranasal Sinuses: Progress, Challenges, and Future Directions.” Dr. David Briant was the guest of honour at this year’s Percy Ireland Day.

On May 13, 2011, Dr. Sam Daniel, Director of Pediatric Otolaryngology – McGill University gave Grand Rounds entitled “Sparing the Salivary Glands – From Botulinum Toxin to Sialoendoscopy.”

On June 10, 2011, Dr. Janice L. Pasieka, Clinical Professor of Surgery & Oncology
Facility of Medicine, University of Calgary, gave the Peter Crossgrove Lecture for the Department of Surgery entitled “Neuroendocrine Tumours: Thinking In & Outside Osler’s Box.” Members of the Department of Otolaryngology – HNS attended this very stimulating lecture.

On June 23-24, 2011, Dr. Robert Miller, Executive Director, American Board of Otolaryngology and Professor, Baylor College of Medicine Houston, Texas, gave two excellent lectures. The first was an afternoon lecture on June 23, 2011 entitled “Experiences Working on the Hill in Washington, DC” and then Grand Rounds the following morning, June 24, 2011 entitled “Maintenance of Certification – Lifelong Learning & Quality Improvement.”

On, June 28, 2011 Dr. Noam Cohen, Assistant Professor, Dept of Otorhinolaryngology–HNS Division of Rhinology, University of Pennsylvania, Philadelphia, USA gave an evening lecture titled “Evolution of a Sinus Surfactant Therapy.”

Many of our Visiting Professors also spent considerable time with our residents and fellows discussing case presentations articulated by our residents. These teaching sessions are a tremendous asset and a significant learning opportunity for residents and fellows.

International Continuing Education

Dr. Arnold Noyek continues to be active in international continuing education with the Canadian International Scientific Exchange Program (CISEPO). This is an international cooperation network of researchers, educators, doctors, medical and public health specialists and allied health professionals. Their core objective is to bridge the Arab and Israeli frontier through cooperative health initiatives in the Middle East. The hope is to build essential trust and confidence across cultures and borders. Dr. Noyek and his team use cutting edge international video teleconferencing, delivering on-going cooperative, highly interactive, distance educational medical rounds through the University of Toronto continuing education accredited auspices and under the banner of the Peter J. Silverman global eHealth program. Dr. Noyek is the Director of International Continuing Education for the Faculty of Medicine at the University of Toronto.

Awards

Congratulations to Dr. Jeremy Freeman who won the 2010-11 Colin R. Woolf Award for Long-Term Contributions to Continuing Education at the University of Toronto. Dr. Freeman has been instrumental in providing high quality local, national and international CE related to thyroid and parathyroid disease.

Upcoming Course – 2011-12 and Beyond

The Department is currently planning many local, national, and international courses including the following:

September 22 – 23, 2011 – Dr. David Pothier and Dr. Adrian James have organized the “First North American Endoscopic Ear Surgery Dissection Course in association with the International Working Group on Endoscopic Ear Surgery.”

September 30, 2011 – Our Department is hosting a group of distinguished otolaryngologists from the United Kingdom known as the Visiting Association of Throat and Ear Surgeons of Great Britain founded in 1924. They will be giving Grand Rounds on September 30, 2011 followed by a discussion forum on clinical issues for residents, fellows and faculty looking at the differences and similarities of our two health care systems.

October 5-7, 2011 – Temporal Bone Dissection Course, Surgical Skills Centre (SSC), Mount Sinai Hospital (MSH)


November 5 – 6, 2011 – Current Concepts in Head and Neck Surgery, a joint annual event between the University of Toronto, MD Anderson Cancer Center and Memorial Sloan-Kettering Cancer Center, MaRS Auditorium, Toronto.

December 2-3, 2011 – Dizziness Update, UHN.

February 10, 2012 – Laryngeal and Voice Disorders Course, SSC, MSH

February 11, 2012 – Otolaryngology Update 2012, Toronto East General Hospital

May 18-19, 2012 – Advanced Sinus Surgery Dissection Course, SSC, MSH

May 20-22, 2012 – The 66th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery will be held in Toronto at the Royal York Hotel. Dr. Ian Witterick is the Local Arrangements Chair.
May 23, 2012 – Rhinoplasty Course, SSC, MSH

July 18-20, 2012 – Microvascular and Reconstruction Course, SSC, MSH

July 21-25, 2012 – 8th International Conference on Head and Neck Cancer, Metro Toronto Convention Centre. Dr. Jon Irish from our Department is the Program Chair

July 10-14, 2013 – The Second World Congress on Thyroid Cancer, Sheraton Hotel, Toronto. This is a multidisciplinary congress with leaders in the field, instructional courses, panel discussion, lectures and debates. Drs. Jeremy Freeman and Ian Witterick are again part of the Steering Committee.

RESEARCH

Dr. R.V. Harrison

Within our University Department we have clinicians, surgeon scientists, and basic scientists who investigate a very broad range of research projects within the umbrella of Otolaryngology – Head and Neck Surgery. Clinically related research is carried out by otolaryngologists in their various areas of specialty and often in collaboration with other healthcare professionals. For example, our staff have many collaborations with investigators in Medical Imaging, Radiation Oncology, Audiology, Speech-Language Pathology, Plastic Surgery, Anesthesiology (to name but a few). We have also a group of full time scientists whose interests range across hearing and language development, auditory sciences, and upper airway physiology. On the “head and neck side” of our specialty, our researchers are interested in the genetics and the molecular biology of head and neck cancer. Much of the research, whilst initiated and guided by staff, is carried out by various trainees and technologists whose efforts are very much appreciated. The main research groups/laboratories that are closely associated with us are shown below.
Our research committee is structured to represent all the clinical and research areas in the department. The committee work is largely carried out on-line, and meets on an ad hoc basis. The present committee is chaired by Bob Harrison. Representing both basic science and clinical research in the area of head and neck oncology are Suzanne Kamel-Reid, Fei-Fei Liu, and David Goldstein. Upper airway biology is represented by Jim Haight. On the otological side, Sharon Abel, Blake Papsin, and Karen Gordon speak for auditory and vestibular sciences.

HEAD AND NECK SCIENCES

We have close associations with two basic research labs directed by Suzanne Kamel-Reid and Fei-Fei Liu who are both involved in cancer studies. These researchers work closely with some of our head and neck surgeons (Pat Gullane, Jeremy Freeman, David Goldstein, Jon Irish, Ian Witterick and Dale Brown) in research relating to head and neck oncology including squamous cell carcinoma and nasopharyngeal cancer. These labs and their collaborations with our department contribute to a strong wave of cancer related initiatives at Princess Margaret Hospital. In addition we have major research projects at Mt. Sinai in endocrine and salivary gland disorders co-ordinated by Jeremy Freeman. In this work there are close ties with labs of Paul Walfish and Suzanne Kamel-Reid, and other excellent basic research on H&N cancer with Ranju Ralhan.

Also on the “head and neck” side, many members of our department are involved in the research and development of new surgical techniques including image-guided surgery (e.g. Jonathan Irish), endoscopic sinus surgery (Ian Witterick) and novel micro-vascular surgery and tissue engineering (Ralph Gilbert). At the Sunnybrook site, other studies related to head and neck surgery, including epidemiological research, is carried out by Kevin Higgins and Danny Enepekides.

Within the facial plastic and reconstructive surgery division, led by Peter Adamson, clinically based research remains an important priority.

HEARING AND VESTIBULAR RESEARCH

Basic and applied auditory research has always been a major strength of our Department. Bob Harrison directs the Auditory Science Laboratory at The Hospital for Sick Children, and Adrian James is actively involved in the lab. Harrison’s Lab is closely associated with the Cochlear Implant Lab at SickKids which is led by Blake Papsin (holder the Cochlear Corporation Research Chair) and by Karen Gordon. The cochlear implant group has developed significant collaborations with other research teams, including the UHN based vestibular research group led by John Rutka, as well as with psychology (Sandra Trehub), Genetics (Tracey Stockley) and Medical Imaging (Susan Blaser). The recent staff recruitment of Sharon Cushing has enhanced the cochlear implant research

Sharon Abel, now at Defence R&D Canada, continues important research in applied hearing problems especially as they apply to the military. At Sunnybrook Health Sciences Centre, the (adult) Cochlear Implant Research team (Julian Nedzelski, Joe Chen, Vincent Lin, David Shipp, and Lendra Friesen) continues to explore otological issues as they apply to hearing impairment. Importantly, Vince Lin in his newly established “inner-ear research laboratory,” is moving our department into an important new scientific area relating to haircell protection and (ultimately) regeneration.

A CIHR Team Grant to study the “Development and Aging of Binaural Hearing” has encouraged some useful collaboration between teams at Sunnybrook Health Sciences Centre (Vincent Lin and Lendra Friesen), and the groups at SickKids (Bob Harrison, Karen Gordon, Adrian James, and a member of the Department of Physiology, Dr. Lu-Yang Wang).

UPPER AIRWAY AND LARYNGEAL RESEARCH

We continue a strong tradition of studies on upper airway physiology. Jim Haight continues his work relating to sleep apnea, and at St. Mikes, Jennifer Anderson and John Lee add a clinical research dimension on laryngeal function and voice. At the Hospital for Sick Children, Vito Forte continues to research novel tracheal intubation and stenting techniques, and other methodologies for improvement in pediatric airway management. He has recently been joined by the enthusiastic Evan Propst. Paolo Campisi continues his important research as Director of the Centre for Pediatric Voice and Laryngeal Function at SickKids.

RESEARCH TRAINING

The basic science labs associated with our department are training numerous Master’s and Doctoral level students. They also help to accommodate research fellows in otolaryngology, and allow residents to get exposure to and involvement in research. We have developed a useful system for having all residents take a short research rotation (in PGY2). For those with a real interest, there is an opportunity to take 12 months out of clinical training to do a Master’s in the Surgeon-Scientist program (administratively we “piggy-back” on to the Department of Surgery’s program).
RESEARCH EVENING

Our departmental research evening this year was a success. Each year it comes as a pleasant surprise to learn about how much research there is going on in our clinics and laboratories. This year our trainees, as well as our seasoned staff, obtained a good glimpse of what we do, and what we can potentially participate in. Indeed there are so many studies in progress that there is not enough time (in our two hour “evening”) to cover the huge compendium of questions being asked and answered across our specialty. For this year our research evening presentations included sections on research in head and neck surgery (both basic and clinical) upper airway and laryngology, audiology, auditory neuroscience, clinical otology and skull base surgery. I want to thank very much all of those that stepped up to the plate and provided us with either overviews of research in progress or more detailed study results that illustrate what has been recently achieved. Special thanks to David Goldstein, Fei-Fei Liu, Patricia Reis (From Suzanne Kamel-Reid’s Lab), Paolo Campisi, Alex Osborn, Yamilet Tirado, Jeremy Freeman, Joe Chen, Karen Gordon, and Mike Daly. Thanks also to “work behind the scenes” by Zoila and Audrea in the departmental office!

RESEARCH PRODUCTIVITY

Numerically, we are a relatively small University Department (with about 45 professorial staff, 25 lecturers, and 25 cross appointees); however our academic performance in terms of research publications and research grant success has been excellent. Certainly we rank very highly when compared pro rata with other clinical departments in the Faculty of Medicine, and we are outstanding compared with Departments of Otolaryngology – HNS worldwide. In many research areas we continue to have a strong international reputation of which we can be very proud.

By all yardsticks, research in the Department of Otolaryngology – Head and Neck Surgery has gone from strength to strength. Productivity is very healthy, research funding, whilst always difficult to obtain has not held us back from any important venture. Our research is coupled with research training both for scientists of the future, as well as clinician researchers in Otolaryngology – HNS.
Audiology

Ms. K. Riko and Ms. V. Papaioannou

The Audiology Committee continues to play an active role in research, undergraduate education, postgraduate education, and continuing medical education within the Department. With respect to education, members of the Audiology Committee provide audiology teaching as part of the Otolaryngology curriculum for the undergraduate medical students. This same group also participate in hearing screening at several different Toronto elementary schools through the “Kids2Hear Program.” The core lecture series for the otolaryngology residents took place once again this year in the new format implemented 3 years ago. A new initiative for the residents this year was the “Audiogram of the month” whereby audiologists reviewed preselected audiograms with residents on a monthly basis. This will continue next year given the positive resident feedback to date.

On June 17, Dr. Kerry Bowman presented at Grand Rounds on behalf of the Audiology Committee. His presentation “Innovations, Ethics and Persons who are Hearing Impaired” was very interesting as he discussed emerging technology and the interface with Audiology. Particular attention was given to potential stem cell interventions in the treatment of hearing impairment. The topics of advances in cochlear implants as well as the use of Pre-implantation Genetic Diagnosis (PGD) for the detection of hearing anomalies were also reviewed.

The Audiology Committee, again this year, held its annual meeting at Mount Sinai Hospital. Matters of mutual interest were discussed such as content of the undergraduate and core lecture series as well as the development of an Audiology program at the University.

The Audiology Committee members for the 2010-2011 academic year were:

**Hospital for Sick Children**
- Bonnie Bliss
- Susan Druker
- Karen Gordon
- Laurie MacDonald
- Vicky Papaioannou (Co-chair)
- Gina Goulding

**Mount Sinai Hospital**
- Ida Bennett
- Krista Riko (Co-chair)
- Nadia Sandor
- Dana Storms
- Eloise Thurier
- Erica Wong
- Jill Witte

**Sunnybrook Health Science Centre**
- Julija Adamonis
- Marlene Cashman
- Lendra Friesen
- David Shipp
- Kari Smilsky
PROMOTIONS COMMITTEE

Dr. R.V. Harrison

The role of our Promotions Committee is to assess and recommend candidates to the Chair of the Department and to Dean of the Faculty of Medicine. Our committee does not award promotion, but decides who is eligible for consideration by the University Decanal Committee. We also assist the candidate to prepare documents, and co-ordinate the (external and internal) peer review process. Our committee reflects the full spread of sub-speciality interests in Otolaryngology – Head and Neck Surgery, and all are at the rank of full professor. Currently, the members of our promotions committee are: Bob Harrison (chair), Ralph Gilbert, Peter Adamson, Vito Forte, Pat Gullane (ex officio), Jonathan Irish, Blake Papsin and Ian Witterick.

For all academic staff at the University of Toronto, an important goal is to “move-up through the ranks.” In a clinical department such as ours, promotion is most often not just based on research findings and the number of papers published, but rather on a range of contributions to academic Otolaryngology. This includes excellence and innovation in healthcare, contributions to training the next generation of clinicians and scientists, and a sustained period as a clinical role-model. Promotion to associate professor or to full professor is no longer just a matter of course, but requires a clear and sustained commitment to the academic goals and the mission of our Department and of the University.

This past academic year we were pleased to see the successful promotion of Adrian James and Karen Gordon to the rank of Associate Professor. Well done to you both.

DEPARTMENTAL APPOINTMENTS COMMITTEE (DAC)

Dr. J.C. Irish

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:

1. ensure consistent and appropriate appointment processes to the Department of Otolaryngology – Head and Neck Surgery
2. 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 Chief 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 following faculty serve on the DAC: Jonathan Irish (Chair), Peter Adamson, Jennifer Anderson, Vito Forte, Jeremy Freeman, Ralph Gilbert, Patrick Gullane (ex-officio), Robert Harrison, Joe Chen and Krista Riko. The Committee is active and has two planned meetings per year (November and February) with other meetings scheduled as necessary.

This year has been a particularly challenging one for the DAC as the University of Toronto, Faculty of Medicine has directed the establishment of a Mississauga campus of the
Faculty. There is also increasing community engagement being initiated by other Departments (Family and Community Medicine for example) where community-based otolaryngologists are playing an increasing role in the teaching of family practice residents necessitating adjunct teaching appointments within the Department of Otolaryngology – Head and Neck Surgery.

The committee has grappled with balancing the need to ensure that the rank and stature associated with the title of Professor, Associate Professor and Assistant Professor within the full-time academic faculty of the University department is maintained and yet recognize the increasingly important contributions that our community otolaryngology colleagues are playing in postgraduate medical education. The committee had directed that full-time and adjunct faculty be recognized clearly with the following definitions:

A full-time clinical appointee is engaged in academic work for at least 80% of their professional working time. They must hold a staff appointment on the active staff or equivalent of a fully-affiliated hospital or community teaching hospital with harmonized institutional research policies. They must participate in a Conforming Practice Plan or be salaried from a fully affiliated teaching hospital or community teaching hospital.

A part-time clinical appointee is engaged in academic work for less than 80% of their professional working time but for 20% or more. A part-time faculty member must work part-time in one or more of these sites: a fully-affiliated teaching hospital, a community teaching hospital, affiliated community practice or a community clinic.

An Adjunct clinical appointee is engaged in academic work for less than 20% of their professional working time. An adjunct faculty member usually work in a non-affiliated hospital, industry or private practice and participates in academic program in a limited manner.

The Departmental Advisory Committee has made the following directives to the Chair of the Department this year:

Approval of Three-year Probationary Review:
- Dr. David Goldstein

New Full time Faculty Appointments:
- Dr. Sharon Cushing appointed to the rank of Assistant Professor effective September 1, 2010
- Dr. Evan Propst appointed to the rank of Assistant Professor effective November 1, 2010

New Clinical Adjunct Faculty Appointments at the rank of Lecturer:
- Dr. Taryn Davids
- Dr. Jamil Asaria
- Dr. Glenn Beard
- Dr. David Finkelstein
- Dr. Hany Kamal Guirgis
- Dr. Berge Marcarian
- Dr. Jeffrey Mendelsohn
- Dr. Robert Mounsey
- Dr. David Naiberg
- Dr. Karim Nazarali
- Dr. Xerxes Punthakee
- Dr. Lorne Segall
- Dr. Jack Shahin
- Dr. Adam Toth
- Dr. Joseph K. Wong

Clinical Adjunct Faculty Promotions – Lecturer to Assistant Professor:
- Dr. Rick Fox
- Dr. Robert Josephson

Clinical Part-time Faculty Promotion – Lecturer to Assistant Professor:
- Dr. Yvonne Chan

The DAC membership would like to congratulate all new faculty members to the Department of Otolaryngology – Head and Neck Surgery.

BUDGET ADVISORY

Dr. P.J. Gullane

The Budget Committee meets annually. As in previous years, the budget reduction in University funding has challenged this Committee. The Chair appreciates and acknowledges the supporting guidance provided by its members including Drs. Jennifer Anderson, Joseph Chen, Vito Forte, Jeremy Freeman, Ralph Gilbert, Robert Harrison and lan Witterick.
COMMUNITY ACADEMIC FACULTY

Dr. R. Rival

The Community Academic Faculty continues to play an active role in all levels of education and in research within the department. At the undergraduate level, the majority of our Faculty take part in clinical teaching at their respective hospitals and or private offices. Our members are also involved in the Arts and Science Medicine Program both at the clinical teaching and examiner levels. As the medical school expands to the Mississauga campus we expect our members to be involved in teaching there.

The members of the Community Academic Faculty continue to play an active and increasing role in post graduate teaching. The Toronto East General Hospital rotation is a regular part of the curriculum and is highly rated by all residents who rotate there. The PGY3 residents continue to spend time at North York General and St Josephs Hospital. The Facial Plastic Surgery rotation has been highly rated by residents. PGY4 residents have spent time on this rotation with Drs. Adamson, Ellis, Conrad, Rival and Solomon. The Community Academic Faculty continues to be involved in elective rotations throughout the year.

World-renowned fellowships in Facial Plastic Surgery continue to be offered under the guidance of Drs. Adamson, Ellis and Conrad. Dr. Haight through his work at the Upper Airway Laboratory at St. Michael's Hospital, Mount Sinai Hospital and the Gage Research Institute provide an excellent opportunity for research fellows. Our Faculty continues to be involved in the provision of continuing medical education for the community Otolaryngologists. Through our quarterly rounds during the academic year we were able to sponsor excellent lectures, providing community Otolaryngologists valuable hours for maintenance of certification for the Royal College. We sponsored and provided the sixth annual Otolaryngology Update in February of 2011. This was again an extremely well attended meeting and highly rated by all in attendance. Our Faculty has been involved in many CME events and courses including the endoscopic sinus surgery and rhinoplasty course for the residents. The Community Academic Faculty at Toronto East General Hospital, North York General Hospital, St. Joseph's Health Centre and Markham Stoufville Hospital continue to present quarterly community Otolaryngology grand rounds at the University.

The Community Academic Faculty continues to make strong contributions to both clinical and basic science research with numerous publications, invited lectures and visiting professorships. The Distinguished Alumnus Award this year was presented at Percy Ireland day. This Award is presented to an Alumnus of the University of Toronto Otolaryngology and Head and Neck Surgery and whose professional and ethical standard have been of the highest order. This year's award was presented to Dr. Al Chiodo.

This is my last year in this role. I have enjoyed the opportunity to be involved and represent the community academic faculty. We are fortunate to have Dr. Yvonne Chan assume this position and I am confident she will do an excellent job.
Report from the Division of Facial Plastic and Reconstructive Surgery

Dr. P. Adamson

On behalf of our Division of Facial Plastic and Reconstructive Surgery I am pleased to submit this report of our activities. We have had a productive and progressive academic year.

New Faculty

Three new adjunct faculty were appointed this year. They include Dr. Jamil Asaria and Dr. Michael Brandt who each completed a fellowship with Dr. Shan Baker, and Dr. Xerxes Punthakee who completed a fellowship with Dr. Gregory Keller. Drs. Asaria and Punthakee have opened a practice in midtown Toronto and Dr. Brandt has associated his practice with one of our faculty, Dr. David Ellis. Each of these three surgeons has reconstructive as well as aesthetic expertise. Dr. Asaria was awarded the Jack R. Anderson Prize by the American Board of Facial Plastic and Reconstructive Surgery for having had the highest score on the combined oral and written examinations of the Board.

Teaching

Members of our Division, including Drs. Ellis and Adamson, are contributing to the undergraduate teaching program through presentations provided to Dr. Campisi.

This year saw the establishment of PGY 4 rotations in cosmetic surgery, these being one month in length and being very well received. Drs. Conrad, Ellis, Rival, Solomon and Adamson all participated. Numerous members of our Division contributed to the PGY 2 core lecture program which was completely revamped this year. I would like to thank Drs. Asaria, Punthakee, Ellis, Smith, Gilbert and Gantous for their contribution to the lecture series which received “outstanding” reviews. The residents were provided a new compendium of cosmetic surgery core publications prepared by Dr. Adamson. We also participated in the PGY 1 mentorship program which was overseen by PGY1 resident, Dr. Lukas Kus. Our Division had two fellows this year, Dr. Lisa Wilson who was with Dr. Ellis and currently is in practice in Worcester, Massachusetts, and Dr. Kian Karimi with Dr. Adamson. Dr. Karimi was the recipient of the Krzysztof Conrad Award in Facial Plastic Surgery and also of the John Orlando Roe Award from the American Academy of Facial Plastic and Reconstructive Surgery. This award is given annually to the best clinical research paper done by a AAFPRS fellow, of which there were over 40. Dr. Karimi’s paper was titled “Ethical Considerations in Aesthetic Rhinoplasty: a Survey, Critical Analysis and Review.” Dr. Karimi has entered a private group practice in Santa Monica, California.

Our Division was active in the development of courses and workshops. On November 5, 2010 a one-day clinical symposium on aesthetic and reconstructive surgery titled “The Cutting Edge” was co-directed by Drs. Richard Rival and Kevin Higgins. Drs. Xerxes Punthakee and Jamil Asaria participated in the Department of Otolaryngology – Head and Neck Surgery Update held February 12, 2011 at Toronto East General Hospital. Two dissection workshops were held, a Soft Tissue Workshop on December 3, 2010 and a Rhinoplasty Workshop on May 9, 2011. The former workshop was directed by Dr. Oakley Smith and Dr. Adamson and the workshop manual was re-edited by Drs. Smith and Adamson. It is undergoing further review currently by Dr. Xerxes Punthakee. Drs. Adamson and Smith co-directed the Rhinoplasty Workshop. Both workshops had several faculty contributing to the practicums.

Our Division also had its annual meeting on January 25, 2011 which was attended by 9 of our 13 faculty.

Humanitarian Activities

Dr. Jamil Asaria participated in a surgical mission to Southeast Asia and Dr. Adamson participated in three surgical missions sponsored by his foundation, the Canadian Foundation for Facial Plastic and Reconstructive Surgery. These were to Ekaterinburg and Saratov, Russia and Jalapa, Guatemala.

Future Directions

Our Division will continue to seek means to enhance the presence of facial plastic and reconstructive surgery in the hospital teaching clinics through our faculty members who have clinics. In particular, we are seeking to expand our role in moderate and major facial reconstruction, especially...
following MOHs surgery. Preliminary discussions are being held amongst Drs. Gullane, Gilbert, Adamson and Gary Levine regarding the development of a composite tissue allograft face transplant program within our Department and the Department of Surgery. This year we will continue with the cycle of undergraduate and post-graduate teaching programs as outlined above and will also be creating a rhinoplasty meeting in conjunction with the Annual National Meeting of the CSO-HNS to be held on May 23, 2012 in Toronto. We will also continue our visiting professorship program. Notwithstanding the challenging economic times and fiscal restraints in healthcare, efforts will continue to appoint two new full-time academic facial plastic and reconstructive surgeons within the next 2-3 years.

Our Division, now just two years old, has made great progress. But much remains yet to be accomplished. I extend my deepest appreciation and gratitude to each and every one of the members of our Division who have contributed so much to the achievement of our Department’s mission. On behalf of all of the members of our Division, I also extend our appreciation to Drs. Gullane and Witterick and the Executive Committee who have supported our activities so well in word and deed.

Report from the Division of Head and Neck Oncology

Dr. R. Gilbert

Membership:
Drs. Ralph Gilbert (Director), Dale Brown, Jean Davidson, Danny Enepekides, Jeremy Freeman, David Goldstein, Patrick Gullane, Kevin Higgins, Jonathan Irish, Allan Vescan and Ian Witterick.

The Division of Head and Neck Oncology at the University of Toronto continues to have a very productive clinical and academic program. The program is based on three sites, the Princess Margaret Hospital UHN site, the Mount Sinai Hospital PMH affiliated Site, and the Sunnybrook Odette Cancer Centre.

The Division continues to have an extremely active Fellowship program with six clinical head and neck fellowships and one research fellowship shared among three institutions. The fellowship program is an American Head and Neck Society’s Advanced Training Council Fellowship program. Currently the fellowship program is the largest in Canada and is equal to the largest centres in the United States, offering up to four matched positions per year.

The focus of the UHN PMH site continues to be advanced head and neck oncology and reconstructive microsurgery with a large endocrine program. The UHN PMH site has Canada’s largest multidisciplinary program, providing comprehensive head and neck care to patients with a broad spectrum of head and neck diseases including oral cavity, oropharynx, larynx, skin melanoma, endocrine, and skull base. The group also has a reconstructive focus with significant experience in microvascular reconstructive surgery and particular expertise in laryngotraacheal and maxillary reconstruction.

The Mount Sinai PMH program which collaborates with the UNH PMH program has a major focus of endocrine surgery led by Dr. Jeremy Freeman. The Mount Sinai group also is the site for our endoscopic minimally invasive skull base surgeons Dr. Ian Witterick and Dr. Al Vescan. This program which is collaborative with the Toronto Western Hospital site of the University Health Network provides services for patients having complex endoscopic skull base surgery.

The Sunnybrook Odette Site continues to provide multidisciplinary head and neck services with a complete spectrum of clinical services including head and neck surgery and reconstructive microsurgery. The group also has a significant interest in reconstructive microsurgery and has a large endocrine program.

Notable successes for the past year were the University sponsored Endocrine Update Course run by Dr. Freeman at the Mount Sinai Hospital. This program had a large international faculty and an extremely robust enrolment representing one of the marquee endocrine continuing
education events in North America. The Division has been actively involved in the Multidisciplinary Head and Neck Program, a joint program shared between Memorial Sloan-Kettering Cancer Center, MD Anderson Cancer Center and University of Toronto Head and Neck program. A number of members of our faculty were involved in the most recent program in Houston and the program for 2011 will be sited in Toronto with a large multi-national faculty.

The Division of Head and Neck Oncology at the University of Toronto Department of Otolaryngology – Head and Neck Surgery has regular meetings to address issues from strategic vision to planning of services and education. There is an extremely robust fellowship education program which crosses the three clinical sites within the Division. In terms of current academic contributions, the group has published widely in peer reviewed journals with the highest impact factors for head and neck oncology. The group is actively involved in the development of evidence-based guidelines with group involvement in a number of provincial and national initiatives. The Division of Head and Neck Oncology at the University of Toronto continues to thrive with a very strong academic and clinical program.

Laboratories

Auditory Science Laboratory
Hospital for Sick Children, McMaster Building
Director: Dr. R.V. Harrison

The Auditory Science Laboratory at The Hospital for Sick Children has been part of the department for over 25 years. A wide range of research techniques are employed in the lab to explore the function and structure of the auditory system. These include auditory evoked potentials; single neuron recordings from many areas of the auditory brain and otoacoustic emissions. In our anatomical studies techniques include inner ear histology; immunohistochemistry; electron microscopy; brain morphometry; and neural tracer studies.

Basic science trainees in the laboratory over the past year include Trecia Brown, who stayed on after completing her PhD thesis on the development and programming of the auditory cortex. Trecia is now in a post-doc position at UWO. Also working hard over the past year is Lisa D’Alessandro, who is making good progress on her PhD studies on neural plasticity in the auditory midbrain. Jaina Negandhi, is our laboratory research coordinator and technologist, and she is also at work on a Master’s thesis through the Department of Physiology. Using c-fos labeling methods, Jaina is looking at changes in resting (spontaneous) levels of neural activity levels caused by conductive hearing loss.
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In addition to the above mentioned projects, over the past year other studies that have been carried out include contralateral modulation of oto-acoustic emissions (with Adrian James), and ABR studies in various mouse models of disease (with Vincent Lin). Otolaryngology residents working in the lab this year include Sharon Morong, investigating possible reduction in excito-toxicity after noise induced hearing loss, and most recently Nik Wolter investigating middle ear reflexes in an animal model. Also working in the lab over the summer, an enthusiastic “health science” student Brittany Harrison measuring ABRs in various mutant mouse models.

In addition to the basic, laboratory based research projects 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 findings have been published in a range of basic science and clinical journals. These include Brain Research, Hearing Research, Otolaryngology Head Neck Surgery, Cochlear Implant International, Archives of Otolaryngology Head Neck Surgery, and Canadian Acoustics. In addition we have presented our recent findings and new data at various national and international (Germany, India) research meetings in India (Hyderabad), Chile (Santiago) and Russia (Moscow).

Our research funding has come from CIHR and from the Masonic Foundation of Ontario. Of some significance, this year the Auditory Science Laboratory, along with four other research teams have been collaborating under a CIHR Team Grant to study “The Development and Aging of Binaural Hearing.” This team consists of five members of our department: Karen Gordon, Adrian James, Vincent Lin, Lendra Friesen and myself, as well as one member of the Department of Physiology, Dr. Lu-Yang Wang. The Auditory Science Laboratory has had a productive year, thanks to the hard work by all members.
The Cochlear Implant Laboratory 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 and the SickKids Foundation along with the Cochlear 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 several graduate students. Daniel Wong, who successfully defended his Master’s degree thesis in the lab in March 2008, is in the final stages of his PhD research project through the Institute of Biomaterials and Biomedical Engineering at the University of Toronto (U of T). 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 Brain Topography, 10 abstracts for presentations at international conferences, and 7 awards including 2 consecutive Ontario Graduate Studentships. Salima Jiwani, who graduated from the Audiology program at Dalhousie University in 2009, joined the lab in January 2010 as our newest PhD candidate through the Institute of Medical Science (IMS) at U of T. Although only 18 months into her degree, she has been an active part of studies published in 2 papers and has already collected substantial pilot 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 has also analyzed and interpreted data collected by previous students and has presented this work at 2 international conferences. In both cases, her submitted abstract for the conference won studentships. Other students involved in the lab through collaborative work are Arla Good (supervisor: Dr. Frank Russo) who is studying effects of music training on speech and music perception in children using cochlear implants and Anna Volkova (Supervisor: Dr. Sandra Trehub) who is assessing perception of speech and music in young children using cochlear implants.

Over this past academic year, we have also enjoyed working with residents and fellows: Tulikah Shinghal, Lukas Kus, Tony Eskander, Brad Hubbard, Yamilet Tirado, Maz Merdad, and with our summer students: Lauren Scholfield, Gurvinder Toor, Cullen Allemang, Hailey Ainley and student volunteers Morrison Steel, Michael Chaikof, Melanie Tannenbaum. We continue to have important collaborations both 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: 6 book chapters and 10 publications came out in 2010, another 6 have been published in 2011 and there are currently 5 in press, 1 in revision, and several others in preparation. Between this summer and last, we collectively presented 17 abstracts at international meetings and gave 25 invited talks spanning across 11 different countries. Highlights include Blake Papsin’s Wullstein Lecture in Freiburg, Germany and Keynote Address at the 11th International Conference on Cochlear implants and other Implantable Auditory Technologies in Stockholm, Sweden. This June-July, we will have presented another 15 accepted abstracts at international conferences.
Head and Neck Cancer Research Unit
Ontario Cancer Institute

Research Coordinator: Dr. S. Kamel-Reid

Dr. Kamel-Reid’s research laboratory is involved in several translational research projects associated with the genetics of initiation, progression and recurrence of oral squamous cell carcinoma. A number of her research projects are described below.

**Ongoing work**

Our overall objective is to identify deregulated genes and genetic pathways that will lead to the identification of biomarkers associated with the development, progression and recurrence of oral squamous cell carcinoma (OSCC). Such biomarkers and deregulated pathways may represent targets for future development of clinically useful therapies.

Our research is mainly focused on the identification and characterization of biomarkers and pathways that are “drivers” of progression and local recurrence in oral carcinoma. Local recurrence can occur in a high percentage of patients and is a cause of treatment failure and death. Microarray analysis has determined that tissues surrounding the tumor (surgical margins), although appearing normal under the microscope, can harbor genetic changes commonly found in the corresponding OSCCs. Through high throughput genomics and bioinformatics analysis, we currently identified a gene signature which expression is deregulated in negative surgical margins and OSCCs. Deregulated expression of this signature was validated in an independent patient cohort containing a large number of margins and tumors. We validated this signature and its predictive ability to assess recurrence risk in an independent set of margins and tumors from patients with OSCC. Results from this study may be applied for the molecular analysis of resection margins in oral carcinoma, which will aid in the assessment of recurrence risk.

In another study, we identified biomarkers that predict transformation of pre-malignant oral lesions, such as leukoplakia. We currently identified that a subset of microRNAs is over-expressed and this alteration is associated with progression of oral leukoplakia. microRNAs are small RNAs that do not code proteins, but they have been implicated as important regulatory molecules of gene and protein expression. We also identified genomic regions of global DNA copy number changes by using array CGH. The identification of genetic markers of malignant transformation may be used, together with clinical and histological assessment, to predict which leukoplakias have a higher risk of progression.

Regarding development of OSCC, we are especially interested in oral carcinoma that arises in patients under the age of 40 (young patients), with little or no exposure to risk factors (smoking and/or alcohol abuse). We completed the analysis of global DNA copy number changes in OSCCs from young and older patients, using SNP arrays (Affymetrix). This analysis allowed us to identify a number of genomic regions of DNA gains and losses that are consistently altered in tumors of young patients compared to tumors from older patients. We validated DNA gains and losses in a number of genomic regions, using quantitative PCR. Genes involved in gains or losses may be implicated in early-onset of OSCC.

**Graduate students**

Mariam Thomas, (B.Sc) Graduate Student (Ph.D.) Department of Medical Biophysics, University of Toronto. The Role of X-RARα in acute promyelocytic leukemia. September 2005-present.

Rashmi Goswami, (MD) Graduate Student (Ph.D.), Department of Laboratory Medicine & Pathobiology, University of Toronto. The use of microRNA analysis to predict prognosis of patients with mantle cell lymphoma. August 2006-present.

**Honours and Awards**


**Laboratory Sources of funding**


Amgen Canada. K-ras and B-raf Status in Paired Metastatic Colorectal Carcinoma Samples. Yoo-Joung Ko and Derek Jonker [Co-PIs], S. Kamel-Reid, J. Maroun, T. Asmis, N.
Upper Airway Study Laboratories
St. Michael’s Hospital and Gage Research Institute
Sunnybrook Health Sciences Centre
Mount Sinai Hospital
The University Health Network (TGH site)
Toronto Rehabilitation Institute

**Director: Dr. J. S.J. Haight**

New premises have been made available to Dr. Bradley’s research team in the Toronto Rehabilitation Centre.

The development of a new and more sensitive system for diagnosing sleep apnea is progressing well in Scandinavia, while in Dr. Bradley’s labs in Toronto, another innovative system is undergoing trials. These techniques are showing great promise and may diminish the need for conventional polysomnography.

A new use for positive air pressure will probably be under investigation at Sunnybrook shortly.

A course on sleep apnea was well attended and received laudatory comment.

The continued support of Dr. Pat Gullane and his team is much appreciated.
Voice Laboratory  
St. Michael’s Hospital

Dr. J. Anderson

The voice lab continues to be continually occupied by clinical and research activity and is staffed by two full time speech language pathologists, Gwen Merrick and Marta DeLuca.

The educational activities include student placements from the University of Toronto MHsc program in speech language pathology with 3 students attending for 2 months each.

The current research data collection is completing an extensive pre and post thyroidectomy voice and swallowing study with more than 65 patients in the study and final exit examinations still pending.

Another recent study initiated by Dr. Lega Natto, laryngology fellow from Saudi Arabia, concerns a small group of recurrent respiratory papillomatosis patients treated with repeated CO laser undergoing rigorous voice quality evaluation.

The laboratory has other education activities with Dr. Bressman from the Department of Speech Language Pathology at U of T who bring his speech science class for a laboratory site visit and lectures.

The Vocal Pedagogy voice students also held a tutorial session in the laboratory in February 2011 as part of the collaboration between the Voice Clinic and the Faculty of Music.

There has been considerable interest from a small group of patients and the hospital foundation in raising funds for a Voice Research Chair. Towards this goal, we have raised $350,000 to date. The main purpose of the chair is to fund a PhD in Voice Science to pursue clinical research and promote educational activities in the area of Voice Disorders.
Teaching Hospital Reports

Hospital for Sick Children
Dr. V. Forte

We were very fortunate to have Drs. Sharon Cushing and Evan Propst join our department this year and look forward to a long association with them here at Sick Kids and the University.

Dr. Cushing was appointed in September after completing a one-year fellowship at the Seattle Children’s Hospital prior to returning to Toronto. Her clinical and surgical interests are in disorders of the external, middle and inner ear, including hearing loss and vestibular dysfunction. Her research interest includes vestibular and balance function and dysfunction in children, and its association with hearing loss and cochlear implantation.

Dr. Propst completed a two-year fellowship in Pediatric Otolaryngology – Head & Neck Surgery under Dr. Robin Cotton at Cincinnati Children’s Hospital Medical Centre. He received his appointment to our department in November and the focus of his clinical practice is in complex airway problems, revision laryngo-tracheal reconstruction, congenital malformations, surgical oncology and complex sleep disordered breathing. His research interests include stem cell regeneration of the trachea, molecular genetics of disorders of the head and neck, pediatric robotic airway surgery as well as novel techniques for evaluating and treating complex sleep disordered breathing.

Tomka George, RN, retired at the end of April after 38 years at Sick Kids. Tomka had been the full-time nurse in the ENT clinic for the last twelve years. We welcomed Faith Na, RN, to her new role in the clinic.

Congratulations to Dr. Blake Papsin on his appointment to the Board of the AAO-HNS.

Congratulations to Dr. Adrian James on his promotion to Associate Professor.

Another temporal bone course was organized by Adrian James and members of our faculty at the Surgical Skills Lab at Mt. Sinai in October. An additional endoscopic middle ear surgery component was added.

OtoSim, a new otoscopy teaching tool has been launched, a joint venture between Sick Kids, the University of Toronto and MaRS Innovation.

Dr. Adrian James and Dr. Eric Arruda were both recipients of research grants this year from the Sick Kids Innovative Projects Fund. Dr. James, with Dr. Robert Harrison, was awarded a second grant also from the Innovative Projects Fund.

Our Department continues to be very busy both clinically and academically. A significant number of undergraduate medical students completed electives on the pediatric otolaryngology service this year.

Dr. Faisal Abdulkader completed his Fellowship in December and returned to Qatar where he is involved in establishing the otolaryngology unit at the new children’s facility being developed there. Paolo Campisi travelled to Doha to consult on the project in January 2011. Dr. Yamilet Tirado completed her Fellowship in June and was successfully recruited by the Miami Children’s Hospital in Florida. Dr. Alex Osborn begins his clinical rotation. Dr. Sohit Kanotra who completed postgraduate training in India and in the United States will begin his clinical research rotation.

Mount Sinai Hospital
Dr. J.L. Freeman

The Department of Otolaryngology at Mount Sinai Hospital continues to focus on four areas. General Otolaryngology, Communication Disorders, Head and Neck Oncology and Rhinology. The attending staff is comprised of five full time and three part time otolaryngologists.

The outpatient department remains the focus for all patients entering the hospital Departmental stream. The outpatient department provides a venue for referral for general problems from the community as well as allowing an excellent academic platform for fellows, post-graduates and medical students to acquire an approach to the management of disease processes within the discipline. The clinic also serves to allow an entree for patients with tertiary and quaternary problems in the field.
of head and neck oncology, communication disorders and rhinological problems.

There are two residents and a fellow in head and neck oncology as well as a fellow in rhinology rotating through the system at any time. The head and neck fellow is under the aegis of the American Head and Neck Society Advanced Training Council program; he/she is also part of a partnership with the University Health Network/Sunnybrook Health Sciences Centre comprising six clinical and one research fellow. This is one of twenty four accredited programs in North American under the auspices of the American Head and Neck Society and as such recognizes teaching excellence in the field of head and neck surgery. Our head and neck oncology fellowship trainees obtain a solid foundation with respect to management of head and neck oncological problems in addition to gaining valuable experience in research aspects in the field – the vast majority of graduates from this program have gone on to hold important academic positions around the world.

The rhinology fellowship has now been gaining status as a premier training program. Under the direction of Ian Witterick, this program allows the fellow access to a large volume of the full spectrum of rhinological problems and the surgical aspects of these disease processes. The addition of Allan Vescan to the staff has complemented the program. Dr. Vescan is a graduate of our post-graduate program. He has spent a year in Pittsburgh learning skills as an endoscopic skull base oncologic surgeon. He has been in the Department for four years and already has gained a fine reputation in his field.

Many of these operative cases are managed at Mount Sinai with the complex and open cases being managed at the Toronto Western campus to allow facilitation by the neurosurgical service there.

The main focus in the head and neck program at Mount Sinai is endocrine and salivary disorders and the hospital has gained a provincial and international reputation in management of difficult problems within this scope. The generosity of the Albert Latner Family in establishing the Temmy Latner/Dynacare Chair in Head and Neck Oncology has allowed many research and teaching initiatives to go forward.

Ms. Krista Riko and Dr. Martyn Hyde continue to maintain an active and productive program in communication disorders. They have assumed a leadership role in implementation of a universal newborn hearing program in the province. Their department continues a high level of teaching at the university level.

Drs. Kris Conrad and Jerry Chapnik provide excellent teaching and service in the Facial Cosmetic and Reconstructive area within our program.

Dr. Ian Witterick has established a national and international reputation in the management of rhinological and sinus problems. In his capacity as Director of Post-Graduate Education, he has consolidated and strengthened the residency program. In his capacity as Director of Continuing Medical Education he has established a series of visiting professorships and courses that covers the length and breadth of the specialty further enhancing a strong teaching program at the University and the Hospital.

A number of Hospital based continuing medical education initiatives are underway including our award winning biennial course in the Management of Thyroid Nodular Disease and Cancer, directed by Dr. Freeman. This course was held in June 2011 and morphed this time into an advanced course covering controversies in the field.

The “World Congress on Thyroid Cancer” spearheaded by our Department was held in Toronto in 2009. This was a joint multidisciplinary academic venture with Memorial Sloan-Kettering Cancer Center, New York, Harvard University, Boston, Mayo Clinic, Rochester, MD Anderson Cancer Center, Houston, and the University of Toronto. This was the first such meeting and was a symposium of 800 delegates and 150 world renowned authorities on thyroid cancer. The meeting received rave reviews by the attendees. Preparations are underway to have the second such congress in Toronto in 2013.

Dr. Arnold Noyek continues his world-class work using the Canadian International Scientific Exchange Program in Otolaryngology as a vehicle for academic collaborative efforts with several countries in the Middle East.

Active participation within the lab of Drs. Paul Walfish continues to result in major breakthroughs in molecular biology of the thyroid and the upper aerodigestive tract. The Department has recruited Dr. Ranju Rathhan, a recognized basic science researcher in molecular biology of head and neck tumours. She has established a productive collaboration with our Department in the biology of tumours of the aerodigestive tract and endocrine disease.

Collaboration with a variety of Departments and Divisions (surgery, dentistry, ophthalmology, radiation oncology, medical oncology, endocrinology) in a multidisciplinary fashion continues to allow optimal management of patients, as well as teaching and research.

Through the kindness of the Joseph Sonshine Family and the Frederic Waks Family and the confidence of the Mount Sinai Hospital in the Department, an additional large new space has been awarded to the Department; it was renovated to allow for the recruiting, patient care and teaching needs of the Department. The unit is named the Joseph and Mildred Sonshine Centre for Diseases of the Head and Neck.

The unit will also be amalgamated with the existing Freeman Centre for Endocrine Oncology further strengthening the endocrinology presence in a solid multidisciplinary fashion. Recruitment efforts are underway to hire a director of this unit in conjunction with the Division of Endocrinology. Dr. Phil Segal has been a wonderful clinical and teaching presence in the unit.
This year a gala was held, organized by Dr. Walfish for thyroid cancer research honoring the Cicolini family—proceeds from this will be used to fund the activities of the new unit.

A centre for laryngology in the new unit is underway; Dr. Jennifer Anderson, an acknowledged expert in the field has kick started the program; plans are in place for the recruitment of Dr. Taryn Davids to blend in and eventually head up the unit.

A clinic for Diseases of the Oral Cavity has been established as a multidisciplinary program; this endeavor is headed by a new recruit, Dr. Yvonne Chan who is working with Dr. Iona Leong, from the Department of Dentistry. The program has already attained a profile with referrals from all of metro Toronto and beyond.

Through the generosity of the Albert and Temmy Latner Foundation, a scholarship has been established for a resident, fellow or junior faculty to spend a year in the Samuel Lunenfeld Research Institute working toward a higher degree.

Finally, the creation of the Chapnik, Freeman, Friedberg Award has allowed post graduates and junior faculty to pursue research within the Department.

The Department of Otolaryngology—Head and Neck Surgery is proud to be part of the Mount Sinai Hospital and the University of Toronto.

Drs. David Goldfarb and Alma Smitheringale continue to provide the PGY 3 residents with excellent high volume pediatric surgical exposure in partnership with the Hospital for Sick Children. We are pleased to welcome to our division Dr. Manish Shah. Dr. Shah is highly trained and very well respected amongst his peers. He will strengthen our division with his experience in Laryngology and Head and Neck Surgery and we are excited to have him on our team.

Dr. Joseph Da Silva retired from North York General Hospital this past year after more than 35 years of service to your community. During his time at NYGH he held several leadership positions including Chair of the Medical Advisory Committee, Departmental Chief and President of the Medical Staff Association. His ability to raise funds by attracting donors has enabled our division to purchase up to date state of the art equipment so that we can continue to provide the best possible care to the patients that we serve. We wish Dr. Da Silva the very best in this new phase of his life and thank him for his outstanding contributions to our institution over the past 35 years.

St. Joseph’s Health Centre
Dr. R. Fox

This year continues to see the building and expansion of the new St. Joseph’s Health Centre. Building continues full time and hopefully our new Patient Care Centre will be soon available.

Our full time faculty members include Drs. Andres Gantous, Michael Hawke, Robert Josephson, Jack Kolenda, and Ian Witterick.

St. Joseph’s continue to provide a full-time residency rotation. We maintain our tradition of leadership in community-based otolaryngology and provide extensive expertise and training in pediatric otolaryngology, rhinology and sinus surgery, facial plastics, reconstructive and endocrine surgery. Clinical otolaryngology training is also provided for family practice residents, fellows and medical students.

St. Joseph’s Health Centre continues its tradition of leadership and excellence in nasal and sinus surgery. Our staff are involved in teaching at university sinus and temporal bone courses.
This year, Dr. Witterick was honoured with the Charles Mickle Fellowship Award, as well as being elected as chair of the faculty council Education Committee at the University of Toronto. He also remains active as Director of Post-Graduate Education.

St. Michael’s Hospital
Dr. J. Anderson

St. Michael’s Hospital has weathered the recent financial crisis fairly well with no substantial downsizing of activity affecting patient care. This has permitted the department to maintain 6 days per week in the operating room and staff three physicians in the clinic on a regular basis.

Last year, Dr. Taryn Davids joined the staff as a part time physician to assist with the lengthy wait list for voice patients. Dr. Davids and her husband welcomed a daughter in the fall of 2010.

Dr. Molly Zirkle has been appointed as the new head of the Fitzgerald Academy as of July 1, 2010 and we congratulate her on this new and important leadership position jointly supported by St Michael’s Hospital and the University of Toronto, Faculty of Medicine.

The departmental staff consists of four full time and six part time otolaryngologists, three audiologists, and one technician (nasal airflow/vestibular labs). The Voice Clinic has two speech language pathologists specializing in voice disorders for outpatient assessment, therapy and research activities. The voice clinic staff has between 2 and 4 speech pathology students from the University of Toronto for clinical placement in the department during the academic year. They also host the Faculty of Music vocal pedagogy class for education in stroboscopy. Overall, the department continues to demonstrate growth in patient visits and have surpassed 22,000 outpatient visits per year.

St. Michael’s Hospital has a new nine-storey education and research building, the Li Ka Shing Knowledge Institute and the Keenan Education Centre, both of which were opened during 2010. The student centre has moved to this location along with the new computer lab and library. The simulation laboratory has also re-opened in this new space.

Dr. Emer Lang was the Laryngology Fellow from Ireland and was replaced by Dr. Lega Natto from Saudi Arabia as of January 1, 2011.

The ambulatory clinic is currently undergoing a pilot project review with a time and motion study regarding patient flow in the clinic. One area of considerable improvement will be realized shortly in the form of $200,000 in hospital capital funds made available in the spring of 2011 to purchase new video naso-endoscopes and other instruments for the ENT clinic.

Our medical staff continues to participate in educational and academic activity, as well as provide exemplary patient care.

Sunnybrook Health Sciences Centre
Dr. J.M. Chen

CIHR Team grant that began last year is now into its second year of funding for Drs. Vincent Lin and Lendra Friesen. The aim is to investigate changes in hearing as it relates to development and ageing in animals and adult cochlear implant recipients, a study in collaboration with HSC. The Hearing Foundation of Canada continues to support our Inner Ear Regeneration initiative annually.

Dr. Lendra Friesen is the recipient of a $150,000 industry research grant (MedEl AG, Austria) for her work in ageing and cochlear implant recipients in the context of stimulation paradigm and electrophysiologic changes. This grant signals a commitment by industry in support of our work that has major translational potentials.

Dr. Joseph Chen and Professor Lee Bartel (Faculty of Music) are recipients of a $150,000 technology grant (MedEl AG, Austria) in support of their work on MusicEar© to complete its final phase of clinical trial with potential for commercialization in the form of an online self administered diagnostic and rehabilitative tool for music perception and enjoyment.

Drs. Kevin Higgins and Danny Enepekides are part of the phase III cross-Canada clinical trial (COOLS – Canadian Optically guided approach for oral lesions surgical trial) conducted at 9 centers and supported by the Terry Fox
Research Institute ($4.7M). The study uses fluorescence visualization to demarcate healthy from cancer tissues to better detect cancer and precancerous lesions to reduce recurrence and to improve quality of life.

Dr. Chen and the Division of Plastic Surgery and Imaging Research have collaborated on the Sunnybrook Artificial Temporal Bone Project, a low cost, high fidelity temporal bone model for surgical training. Preliminary discussion with MaRS Innovation to bring this product to commercialization has begun.

The SRI and the Department of OTL-HNS are recruiting a full time PhD scientist in stem cell biology to jump start the Inner Ear Regeneration Initiative. Interviews will begin in September and it is expected that the position will be filled by December 2011. Currently, the lab under the aegis of Cell Biology/Regenerative Medicine plank of the SRI, staffed by a clinician researcher (VL), two research fellows, one research assistant, and students involved in research projects.

Our hospital administration continues to show a slight positive balance in the previous year’s operating budget. However this results in an overall reduction in our surgical program’s expenditures. The net result is stagnation of surgical innovation. We have been unsuccessful in introducing new technology or programs to our department.

TEGH and Scarborough Hospital are undergoing discussions regarding a possible merger in the near future. The goal is to reduce costs, with any savings to be applied to clinical activity.

Our surgical output is unchanged and we are able to continue to provide our residents with a good volume of thyroid, sinus and reconstructive nasal surgery. The ambulatory care program has been changed and the volumes have been reduced. The resident clinical experience however is unaffected.

The department continues to attract DOCH2 students and our hospital will be involved in the provincial CHEC study (health economic balloon sinuplasty study).
Collaborative educational discourses on skull base surgery and reconstructive surgery have been held with the Divisions of Neurosciences and Plastic and Reconstructive Surgery. Otolaryngology residents from the University of Toronto program rotated through the Division on electives. In May, 2010, a Mini-Seminar on “The Practical Management of Thyroid Nodules” was held with guest speakers, Dr. J. Freeman, Dr. Christina MacMillan and Dr. Chris Marriott. In September, 2010, Dr. T. Kandasamy (who went to the local T.L. Kennedy High School) became the first formal PGY3 resident undertaking a rotation with the Division. The Family Practice program at U.T.M. is active and dynamic with one Family Practice resident rotating through the Division every month.

Dr. J. Chen and Dr. V. Lin have spear-headed a Cochlear Implant Program based at Sunnybrook Hospital. Thirty cases have been performed at the Trillium West-Toronto Site. Dr. Y. Chan has been appointed Director of Undergraduate Education for Otolaryngology – Head & Neck Surgery at the U.T.M. campus and has been promoted to the rank of Assistant Professor. Today, the Division is fully integrated with the University at undergraduate and postgraduate levels.

A merger with Credit Valley Hospital is presently underway and the Division looks forward to the development of a University Teaching Clinic conjointly with Credit Valley Hospital to meet teaching commitments and provide the community with a specialized resource. The next chapter can be one of opportunity and reward.

The University Health Network
Dr. P. J. Gullane, Chief
Dr. R. Gilbert, Deputy Chief

The past year has seen continued development of the Department of Otolaryngology – Head and Neck Surgery at the University Health Network. The program which is focused in head and neck oncology and reconstructive microsurgery, neurotology, and general otolaryngology continues to be extremely busy both clinically and academically.

The Head and Neck Fellowship program continues to provide training to four clinical fellows and one research fellow. Dr. John Rutka’s Neuro-Otology fellowship continues to flourish under his leadership. Most recently Dr. Rutka has received a large donation from the Hertz family in support of the UHN vestibular unit.

Academically, the group continues to publish extensively and provide international leadership. Dr. Patrick Gullane continues to travel widely as one of the World’s most sought after Head and Neck keynote speaker. Dr. Ralph Gilbert most recently was invited as guest faculty in the IFHNOS World Tour Program, he also has been keynote in a number of international meetings in Europe. Dr. Jonathan Irish has the prestigious position of program chair for the upcoming International Head and Neck meeting put on by the American Head and Neck Society. Dr. Dale Brown just completed his term as President of the CSO/HNS and presided over a very successful annual meeting in Victoria, B.C. The research program headed by Dr. David Goldstein is extremely robust with involvement in clinical trials, endocrine outcome research, and oncology and reconstructive microsurgery research.

The Department of Otolaryngology – Head and Neck Surgery at the University Health Network is well supported by the oncology program at the University Health Network and is well resourced both in terms of the excellence of the staff, the clinical resources available for the care of patients and the infrastructure for research and education.