

ANNUAL REPORT 2010 - 2011

OTOLARYNGOLOGY HEAD AND NECK SURGERY



Department of
OTOLARYNGOLOGY – HEAD AND NECK SURGERY

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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

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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 Propst 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.



**DR. PATRICK GULLANE AND THE RIGHT HONOURABLE
DAVID JOHNSON, GOVERNOR GENERAL OF CANADA,
DURING THE INVESTITURE CELEBRATION FOR THE
ORDER OF CANADA, NOVEMBER 17, 2010.**

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.Cl.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.Cl.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.Cl.Sc.
 D. Finkelstein, MD, FRCSC
 E. Gooden, MD, FRCSC
 G. Goulding, M.Cl.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.Cl.Sc.
 B. Marcarian, MD, FRCSC
 J. Mendelsohn, MB, Ch.B, FRCSC
 R. Mounsey, MD, FRCSC, FACS
 D. Naiberg, MD, FACS, 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, MCl.Sc.
 P. Solomon, MD, FRCSC
 E. Thurier, M.Cl.Sc.
 A. Toth, MD, FRCSC
 A. Vescan, MD, FRCSC
 J. Werger, MD, FRCSC
 J. Witte, M.A.
 E. Wong, M.Cl.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, FRCPC, 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, BSc, 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



DEPARTMENT OF OTOLARYNGOLOGY – HEAD & NECK SURGERY: RESIDENTS 2010-2011

1ST ROW: JENNIFER WANG – PGY 1, RAEWYN SEABERG – PGY 5, JENNIFER GUILLEMAUD – PGY 3, SHARON MORONG – PGY 4, DR. PATRICK GULLANE – CHAIR, DR. EHAB Y. HANNA – VISITING PROFESSOR, DR. IAN WITTERICK – PROGRAM DIRECTOR, JANET CHUNG – PGY 2, ADRIENNE WONG – PGY 4, TULIKA SHINGHAL – PGY 2, THERESA HOLLER – PGY 5

2ND ROW: JOHN DE ALMEIDA – PGY 5, VINAY FERNANDES – PGY 1, AMANDEEP GREWAL – PGY 2, NITIN CHAUHAN – PGY 5, ASHLIN ALEXANDER – PGY 5, ARTUR GEVORGYAN – PGY 4, XIAO ZHAO – PGY 1, NADARAJAH SANJEEVAN – PGY 5, THILEEBAN KANDASAMY – PGY 3, BRADLEY HUBBARD – PGY 3, ANTOINE ESKANDER – PGY 1, MAZIN MERDAD – PGY 2, LUKAS KUS – PGY 1, NIKOLAUS WOLTER – PGY 2, LUKE HARRIS – PGY 3, ERIC ARRUDA – PGY 2, DUSTIN DALGORF – PGY 4, EITAN PRISMAN – PGY 4, ERIC MONTEIRO – PGY 3

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. Jeremy Freeman [MSH]
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. Jonathan Irish [UHN]
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:

DRS. 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

Peter A. Adamson, *Fabulous Faces*; Oslerwood Enterprises, Toronto, Ontario. ISBN 978-098657420-7. 2010.

Freeman JL, *Thyroidectomy*, Encyclopedia of Otolaryngology, Head and Neck Surgery. Edited by Dr. Kristin Otto, Springer Verlag Publishers, 2010.

Motasaddi Zarandy M, Rutka J. *Diseases of the Inner Ear: A Clinical Radiologic and Pathologic Atlas*. Springer Berlin Heidelberg 2010: 1-95.

Book Chapters

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Presentations

** Indicates resident, fellow or graduate student*

F Abdulkader*

(with Y Tirado*, P Campisi, MA Estrada, EJ Propst, V Forte)
 “Sus Scrofa Piglets as an Animal Training Model for Pediatric Otolaryngology Fellows in the Management of Laryngotracheal Reconstruction.” Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

HA Amoodi*

(with P Mick*, D Shipp, L Friesen, J Nedzelski, J Chen, V Lin)
 “The Effects of Unilateral Cochlear Implantation on the Tinnitus Handicap Inventory and the Influence on Quality of Life.” Triological Society Combined Sections Meeting. Scottsdale, Arizona. January 2011.

(with D Shipp, L Friesen, JM Nedzelski, JM Chen, V Lin)
 “Cochlear Implantation for Individuals whose Hearing Loss Exceeded Conventional Candidacy Criteria.” American Neurotological Society; Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with JM Nedzelski, V Lin, J Chen, DB Shipp, A Garbens)
 “Do Post-Lingually Deafened Adults who Received Unilateral Cochlear Implants at Least ten Years Prior have Similar Performance and Satisfaction Values Over Time?” 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

T Bressmann

(with J Irish)
 “Production of Tongue Twisters by Partial Glossectomy Patients.” International Seminar on Speech Production. Montreal, Quebec. June 2011.

Y Chan

“Canadian Rhinology Network: What Are We Doing Across the Country?” 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

J Chung*

(with K Chueng, DB Shipp, J Chen, JM Nedzelski, V Lin)
 “Unilateral Multi-Channel Cochlear Implant Results in Significant Improvement in Quality of Life.” Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

SL Cushing

(with KA Gordon, M Merdad*, AL James, BC Papsin)
 “Surgical Efficiency in Bilateral Simultaneous Cochlear Implantation: Patient Safety and Cost Containment.” 10th European Symposium on Pediatric Cochlear Implantation. Athens, Greece. May 2011.

(with KA Gordon, BC Papsin)
 “Immediate Post-Operative Assessment of Acute Vestibular Injury Following Cochlear Implantation.” 10th European Symposium on Pediatric Cochlear Implantation. Athens, Greece. May 2011.

P Das-Purkayastha*

(with KA Gordon, BC Papsin)
 “Cochlear Implantation in Children Less Than One Year Old – A Review of Complications.” 11th International Conference on Cochlear Implants and Other Implantable Auditory Technologies. Stockholm, Sweden. June 30 – July 3, 2010.

T Davids

(with AM Klein, MM Johns)
 “Current Dysphonia Trends in Patients over the Age of 65 – Is Vocal Atrophy Becoming more Prevalent?” Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting, Chicago, Illinois. April 27-May 2, 2011.

JR de Almeida*

(with A Vescan, P Gullane, F Gentili, J Ringash, L Lohfeld, G Guyatt, A Thoma, I Witterick)
 “An Item-Reduced Skull Base Inventory (SBI) Quality of Life Questionnaire.” 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011.

(with A Vescan, P Gullane, F Gentili, J Ringash, L Lohfeld, A Thoma, I Witterick)
 “Differences in Physical Symptoms by Tumor Location and Surgical Approach in Skull Base Surgery.” 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011.

BJ Dixon*

(with MJ Daly*, H Chan*, IJ Witterick, JC Irish)
 “Pre-clinical Assessment of Various Technological Aids for Anterior Skull Base Endoscopic Navigation.” 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011

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

"Review of the Clinical Applications of Intraoperative Computed Tomography in Skull Base and Sinonasal Surgery: Limited Value or Underutilized Technology?" 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011.

D Enepekides

"Expanded Use of the External Fixation Device in Mandibular Reconstruction." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

A Eskander*

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

"Cochlear implant failures in Children: High volume/few failures." American Society of Pediatric Otolaryngologists (ASPO) Annual Meeting. Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with KA Gordon, V Papaioannou, SL Cushing, AL James, BC Papsin)

"Pediatric Cochlear Implant Failures May be Reduced by Suture Fixation of Device." 10th European Symposium on Pediatric Cochlear Implantation. Athens, Greece. May 2011.

LM Friesen

(with T Fujioka, M Tierney, D Landsberger)

"Age Effects on the Frequency Following Response Using Spectrally Degraded Vowels" Objective Measures in Auditory Implants, 6th International Symposium. St. Louis, MO. September 2010.

(with T Fujioka, J Chen)

"Age-Related Changes and the Effect of Stimulation Pulse Rates on Cortical Processing in CI Listeners." 34th Annual Mid-Winter Research Meeting of the Association for Research in Otolaryngology (ARO). Baltimore, Maryland. February 19-24, 2011.

A Garbens*

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

"Do Post-Lingually Deafened Adults Who Received Unilateral Cochlear Implants at Least Ten Years Prior have Similar Performance and Satisfaction Values Over Time?" 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

R Gilbert

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

"Vertical Partial Laryngectomy with Temporoparietal Free Flap Reconstruction for Recurrence of Glottic SCC Following Radiation Failure: Technique and Long Term Outcomes." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

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)

"Comparing microRNA expression in aggressive and indolent non-Hodgkin lymphomas identifies a prognostic signature for mantle cell lymphoma." 52nd American Society of Hematology Annual Meeting and Exposition. Orlando, Florida. December 2-7, 2010.

SF Hall

(with J Irish, M Whitehead, P Groome)

"Patterns of Initial Management of Thyroid Cancer in Ontario, 2000-2008." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

LD Harris*

(with DP Goldstein, SA McCluskey, RW Gilbert)

"Impact of Vasopressors on Outcomes in Free Tissue Transfer for Head and Neck Reconstruction." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

T Holler*

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

"Kurz Titanium Ossiculoplasty in Pediatric Ossicular Reconstruction." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

T Hopyan*

(with BC Papsin, KA Gordon)

"Multi-Sensory Information Enhances Speech Perception in Children Using Cochlear Implants." 11th International Conference on Cochlear Implantation, Implants and Other Implantable Auditory Technologies. Stockholm, Sweden. 2010.

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.

(with D Goldstein, I Weinreb, B Perez-Ordoñez, S Fung, Irish J, 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." ASTRO, November 2010.

(with D Goldstein, I Weinreb, B Perez-Ordoñez, S Fung, Irish J, J Waldron, J Kim, B Cummings, B O'Sullivan)
 "Pattern of Failure and Histopathological Features in Patients with Positive Postradiation Planned Neck Dissection." 3rd International Conference on Innovative Approaches in Head & Neck Oncology. Barcelona, Spain. February 22-27, 2011.

B Hubbard*

(with DE Wong*, KA Gordon, BC Papsin)
 "Characterization of Retentive Capacity of the Subpericranial Pocket, with Implications for Cochlear Implant Fixation." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with DE Wong*, SL Cushing, AL James, BC Papsin)
 "Characterization of the Retentive Capacity of the Subpericranial Pocket in Children." 10th European Symposium on Pediatric Cochlear Implantation. Athens, Greece. May 2011.

(with D Pothier*, J Rutka)
 "A Novel, Low-Cost System for Posturography: A Platform for Longitudinal Balance Telemetry." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

A James

(with D Pothier*, M Tarabichi)
 "Using the Endoscope for Minimally Invasive Ear Surgery." American Academy of Otolaryngology – H&N Surgery Foundation 114th Annual Meeting. Boston, MA. September 26-29, 2010. [video presentation]

(with BC Papsin, N Bailie*, KG Trimble*, NK Chadha*)
 "Classifications of Tympanic Membrane Retraction Do Not Correlate with Hearing Loss." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with D Pothier*, P Lai*)
 "Using the Endoscope for Minimally Invasive Ear Surgery." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

Y Jaquet*

(with D Enepekides, K Higgins)
 "Expanded Use of External Fixation for Reconstruction of Segmental Mandibular Tumors with Outer Cortical Involvement." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

T Kandasamy*

(with W Qian, JM Chen, RV Harrison, VYW Lin)
 "Age-related Changes in the Expression of VEGF and Its Receptors in the Mouse Cochlea." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

LH Kus*

(with W Gopman, S Eski, IJ Witterick, JL Freeman)
 "Quality of Life Outcomes in Graves' Disease Patients after Total Thyroidectomy." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

P Lai*

(with J Rutka, D Pothier*)
 "The Perils of Chlorhexadine in Ear Surgeries." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

(with J Rutka, D Pothier*, P Das-Purkayastha*)
 "Gentamicin Vestibulotoxicity: The Effects of Different Dosing Regimens." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

J Lee

(with T Wood*, A Grewal*)
 "The Utility of the Maxillary Sinus as a Guide for Posterior Ethmoid and Sphenoid Sinus Surgery." American Rhinologic Society, Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

P Mick*

(with DE Shipp, VYW Lin, JM Chen, JM Nedzelski)
 "Cochlear Implantation of Patients with Meniere's Disease." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with J Szudek, DE Shipp, VYW Lin, JM Chen, JM Nedzelski)
 "The FLEXsoft Electrode and Hearing Preservation." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with J Chen, V Lin, D Houlden, F Pirouzmand, D Rowed, J Nedzelski)
 "A Novel Method of Predicting Long-term Postoperative Facial Nerve Function Post-Acoustic Neuroma Excision." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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

"Face and Content Validity of a Novel Three-Dimensional Temporal Bone Surgical Simulator." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

(with B Westerberg, E Kakande, A Benton, R Byaruhanga)
"Access Barriers Hinders the Effective Treatment of Chronic Suppurative Otitis Media in Uganda." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

BA Miles*

(with R Gilbert)

"Maxillary Reconstruction with the Scapular Angle Osteomyogenous Flap." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

EA Monteiro*

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

"The Utility of Cone Beam Computed Tomography in Determining the Position of Ossicular Prostheses – A Cadaveric Model." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with DB Shipp, JM Chen, VYW Lin)

"Cochlear Implantation: A Personal and Societal Economic Perspective." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

S Morong*

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

"The Nasoseptal Flap for Skull Base Defects: An Institutional Experience." 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011.

A Osborn*

(with R Leung, F Ratjen, AL James)

"The Effect of Endoscopic Sinus Surgery on Pulmonary Function and Microbiology in a Pediatric Cystic Fibrosis Population." American Society of Pediatric Otolaryngologists (ASPO) Annual Meeting. Chicago, Illinois. May 2011.

D Oyewumi*

(with K Isaac, M Schreiber, P Campisi)

"Undergraduate Otolaryngology Education at the University of Toronto: A Review Using A Curriculum Mapping System." 2011 Canadian Conference on Medical Education. Toronto, Ontario. May 2011.

BC Papsin

(with A James)

"Cochlear Implantation in Infants and Children." American Academy of Otolaryngology – H&N Surgery Foundation 114th Annual Meeting. Boston, MA. September 26-29, 2010.

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

"Characterization of Retentive Capacity of the Subpericranial Pocket in Children." 10th European Symposium on Paediatric Cochlear Implantation. Athens, Greece. May 12-15, 2011.

(with A Eskander*, KA Gordon, V Papaioannou, SL Cushing, AL James)

"Pediatric Cochlear Implant Failures may be Reduced by Suture Fixation of Device." 10th European Symposium on Paediatric Cochlear Implantation. Athens, Greece. May 12-15, 2011.

D Pothier*

(with J Rutka, C Hughes, P Ranalli)

"Digital Image Stabilization: A Treatment for Oscillopsia." 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

J Siewerdsen

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

"Development and Translation of a Cone-Beam CT Guidance System." American Academy of Otolaryngology – H&N Surgery Foundation 114th Annual Meeting. Boston, MA. September 26-29, 2010.

A Smitheringale

"Atypical Mycobacterium Head and Neck Infections." North York General Hospital Department of Otolaryngology – HNS Rounds. Toronto, Ontario. December 1, 2010.

"Temporal Bone Fractures." North York General Hospital Department of Otolaryngology – HNS Rounds. Toronto, Ontario. February 23, 2011.

J Srigley

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

"Discrete Data Field Synoptic Cancer Pathology Reporting Enables Timely Prognostic Factor Analysis and Quality Indicator Reporting: A Population-Based Study of 4,296 Resection Reports in Ontario." College of American Pathology Annual General Meeting. Chicago, Illinois. September 2010.

(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)

"Standardized Synoptic Cancer Pathology Reporting: Implementation Strategies for a Population Based Change Management Initiative Involving 400 Pathologists Across 90 Hospitals." USCAP Annual General Meeting. San Antonio, Texas. February 2011.

Y Tirado*

(with NK Chadha*, J Allegro, V Forte, P Campisi)
 “Quality of Life and Voice after Laryngotracheal Reconstruction.” American Academy of Otolaryngology – H&N Surgery Foundation 114th Annual Meeting. Boston, MA. September 26-29, 2010.

M Wais

(with R Leung*, E Leung, E Ooi*, I Witterick)
 “The Effect of Low-Fidelity Endoscopic Sinus Surgery Simulators on Surgical Skill.” American Rhinologic Society, Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

N Wolter*

(with RV Harrison, AL James)
 “Investigation of the Olivocochlear System and Middle Ear Muscle Reflexes with Contralateral Suppression of DPOAEs in Real Time.” Resident Research Day – Symposium for Residents from the Triological Society (Eastern Section). New York City. June 18, 2011. **[Awarded 1st prize]**

Poster Presentations

FI Abdulkader*

(with Y Tirado*, P Campisi, V Forte)
 “Sus Scrofa Piglets as an animal Training Model for Pediatric Otolaryngology Fellows in the Management of Laryngotracheal Reconstruction.” Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

P Campisi

(with Y Tirado*, N Chadha*, F Abdulkader*, V Forte)
 “Otoscopy Simulation: A New Paradigm in Undergraduate Medical Education.” Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

M Fandino*

(with A. Campbell, F. Kozak, N. Roy, J. Chandler, C. Verchere)
 “Modified Slide Tracheoplasty in a Newborn with Bronchial and Carinal Stenosis.” 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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.

RS Goswami*

(with D Barth, E Masih-Khan, HL Sun, M Mathew, C Chen, S Trudel, S Kamel-Reid, D Reece) “Characteristics of patients presenting with secondary myelodysplastic syndrome during treatment with lenalidomide for relapsed/refractory multiple myeloma: 5q deletions can be observed. 52nd American Society of Hematology Annual Meeting and Exposition. Orlando, Florida. December 2-7, 2010.

(with E Atenafu, L Waldron, Y Xuan, T Sun, F Vizeacoumar, A Datti, PP Reis, W Xu, J Kuruvilla, DJ Good, DJ Bailey, W Lam, AJ Church, T Baetz, DP LeBrun, R Lai, LH Sehn, P Farinha, RD Gascoyne, MR Crump, I Jurisica, and S Kamel-Reid)

“Comparing microRNA expression in aggressive and indolent non-Hodgkin lymphomas identifies a prognostic signature for mantle cell lymphoma.” Laboratory Medicine and Pathobiology Graduate Student’s Research Day, Toronto, Ontario. March 16, 2011.

SH Huang

(with B Perez-Ordoñez, FF Liu, J Waldron, J Irish, L Siu, J Kim, I Weinreb, P Gullane, B O’Sullivan)
 “Pattern of Distant Metastases for HPV-related Oropharyngeal Cancer Treated with Radiotherapy.” ESTRO Anniversary Conference. London, England. May 2011. **[Awarded Best Clinical Poster Award]**

Y Jaquet*

(with DJ Enepekides, Torgerson C, Higgins K)
 “Radial Forearm Donor Site Morbidity: A Matched Comparison Between Ulnar-based Transposition Flap and Split-thickness Skin Graft.” Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

S Jiwani*

(with J Valero, KA Gordon)
 “Electrically Evoked Middle Latency Responses in Children at Initial Bilateral Cochlear Implant Use.” Objective Measures in Auditory Implants – 6th International Symposium. St. Louis, Missouri. September 22-25, 2010. **[Winner of Student Travel Award]**

V Lin

(with J Nedzelski)
 “The Sunnybrook Experience with the Med-EL FlexSoft Electrode.” Hearing Preservation Cochlear Implant Meeting, Miami, Florida. October 2010.

HJ Mackay

(with S Welch, M Tsao, S Kamel-Reid, J Biagi, et al)
 NCIC Clinical Trials Group, Kingston, ON. Phase II study of oral ridaforolimus in patients with metastatic and/or locally advanced recurrent endometrial cancer: NCIC CTG IND 192. The American Society of Clinical Oncology Annual Meeting. Chicago, Illinois, June 3-7, 2011.

P Mick*

(with V Lin)

"Cochlear Implantation in Patients with Meniere's Disease." Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

(with V Lin)

"Hearing Preservation with the Med-El FlexSoft Electrode." American Otological Society Annual Meeting, Combined Otolaryngology Spring Meetings (COSM), The Triological Society Annual Meeting. Chicago, Illinois. April 27-May 2, 2011.

BC Papsin

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

"Cochlear Implant Failures in Children: High Volume / Few Failures." European Symposium on Pediatric Cochlear Implantation, Athens, Greece. May 2011.

JP Pepper

(with J Asaria, SR Baker)

"Quality of life and scar assessment following nasal reconstruction." American Academy of Facial Plastic and Reconstructive Surgery Annual Meeting. Boston, Massachusetts, September 23-26, 2010.

MA Sukhai*

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

"Nucleophosmin is Universally Deregulated in Acute Promyelocytic Leukemia." European Hematology Association Congress. Barcelona, Spain. June 9-13, 2010.

M Thomas*

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

"Functional Deregulation of NF- κ B and abnormal TNFa response in Acute Promyelocytic Leukemia." European Hematology Association Congress. Barcelona, Spain. June 9-13, 2010.

J Valero

(with S Blaser, BC Papsin, KA Gordon)

"Abnormal Electrophysiological Responses Persist in Cochlear Implant Users with Narrow Auditory Nerve." Objective Measures in Auditory Implants – 6th International Symposium. St. Louis, Missouri. September 22-25, 2010.

R Windrim

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

"Simulator Based Team Preparation for Neonatal Resuscitation, Following Antenatal Intrauterine Fetal Tracheal Occlusion in the Management of Congenital Diaphragmatic Hernia." 2010 Ontario Simulation Exposition. Toronto, Ontario. December 2, 2010.

DDE Wong*

(with KA Gordon)

"Beamformer Neural Source Localization of CAEPs in Cochlear Implant Users." Objective Measures in Auditory Implants – 6th International Symposium. St. Louis, Missouri. September 22-25, 2010. **[Winner of Student Travel Award]**

(with KA Gordon)

"Binaural Processing is Abnormal in Children Receiving Bilateral Cochlear Implants Sequentially." Human Brain Mapping Annual Meeting. Quebec City, Canada. June 25-29, 2011.

(with KA Gordon)

"Cochlear Implant Use Stimulates Non-Auditory Areas of the Brain in Some Children." Human Brain Mapping Annual Meeting. Quebec City, Canada. June 25-29, 2011.

E Yu

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

"Anterior and Central Skull Base Tumors: Radiologic-Pathologic Overview." 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011.

Radio and TV Presentations

KM Higgins, CFTO TV (Channel 9, Cable 8) News, 'Lifetime Health segment' with Pauline Chan, January 11, 2011.

O Smith, Global TV News, "Surgical Treatment of Rhinophyma." September 13, 2010.

O Smith, Global TV News. "Vampire Facelift." November 10, 2010.

O Smith, Breakfast Television, City TV. TEGH Building Campaign. January 18, 2011.

O Smith, CTV National News, "Toy Batteries: A Health Hazard." January 18, 2011.

O Smith, CTV National News, E-Talk: Plastics Week. March 2, 2011.

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. Pelousa Award: Dr. Luke Harris

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

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 Dalgorf, 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 MERDAD
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]

CATEGORY 3
DUSTIN DALGOLF
SHARON MORONG
ADRIENNE WONG
ARTUR GEVORGYAN
EITAN PRISMAN
(WINNER).



CATEGORY 4
ALEX OSBORN (WINNER)
RAEFE GUNDELACH
BENJAMIN DIXON
PAUL MICK
HOSAM AMOODI
DAVID POTHIER



CATEGORY 5
DANIEL D.E. WONG (WINNER), PATRICK YOO





ASHLIN ALEXANDER
RAEWYN SEABERG
ALISON HOFFELDT
[MERCK]
THERESA HOLLER
NADARAJAH SANJEEVAN
AND JOHN DE ALMEIDA –
MERCK PGY5 AWARD
TO GRADUATING
RESIDENTS



EITAN PRISMAN
ARTUR GEVORGYAN
LANA GRENIER
[OLYMPUS]
ADRIENNE WONG
SHARON MORONG
DUSTIN DALGORF –
OLYMPUS CANADA INC.
PGY4 AWARD



ANTOINE ESKANDER –
CHAPNIK, FREEMAN & FRIEDBERG CLINICIAN SCIENTIST AWARD



ASHLIN ALEXANDER –
FREDA NOYK OTOLARYNGOLOGY MERIT AWARD



KIAM KARIMI – KRIS CONRAD MERIT AWARD IN FACIAL PLASTIC SURGERY. ASHLIN ALEXANDER ACCEPTED THE AWARD



LUKAS KUS – THE JUDY CHAUVIN OTOLARYNGOLOGY RESIDENT AWARD



DUSTIN DALGORF – THE WHARTON HEAD & NECK RESEARCH AWARD



LUKE HARRIS – THE SHILEY E.O. PELAUSA AWARD



AL CHIDO – DISTINGUISHED ALUMNUS AWARD



IAN WITTERICK, EHAB HANNA [VISITING PROFESSOR], PATRICK GULLANE

Visiting Professorships and Invited Lectures

PA Adamson

Invited Speaker, European Academy of Facial Plastic and Reconstructive Surgery Annual Meeting. Antalya, Turkey. September 2010.

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

Invited Faculty, American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS) Annual Meeting. Boston, MA. September 2010.

- 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

Invited Faculty, "The Faces of Jerusalem," Israeli Society of Plastic Surgery and Facial Cosmetic Surgery Foundation. Jerusalem, Israel. November 2010.

- 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

Course Co-Director, Facial Plastic and Reconstructive Surgery 2010 "The Cutting Edge," University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

Invited Faculty, Rejuvenation of the Aging Face, American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS) Meeting. San Diego, CA. January 2011.

- 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

Invited Guest Faculty, Innovations in Plastic Surgery: A Multidisciplinary Symposium, The Cleveland Clinic Foundation. Ft. Lauderdale, Florida. March 2011

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

International Guest Faculty, International Milano Masterclass, International Federation of Facial Plastic Surgical Societies and Università del l'Insubria Varese. Milano, Italy. March 2011.

- 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

Invited Faculty, Advances in Rhinoplasty, American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS) Biannual Advanced Course. Chicago, IL. May 2011.

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]

Invited Faculty, The 7th Annual Vegas Cosmetic Surgery 2011, An International Multi-Specialty Symposium. Las Vegas, Nevada. June 2011.

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, Respiriology Grand Rounds, Webcast Telemedicine. Toronto, ON. September 17, 2010.

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

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

Muscle Tension Dysphonia: Diagnosis and Management [Workshop Coordinator]

J Asaria

Invited Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

Nasal Reconstruction

DH Brown

Invited Guest Speaker, Asia/Oceania Conference. Auckland, New Zealand. March 1-4, 2011.

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

P Campisi

Invited Faculty, 26th International Papillomavirus Conference. Montreal, Canada, July 3-8, 2010.

Clinical Workshop: Laryngeal Papillomatosis

Invited Speaker, 4th World Voice Congress. Seoul, Korea. September 6-9, 2010.

Voice Outcomes in the Management of Recurrent Respiratory Papillomatosis

Invited Faculty, American Academy of Otolaryngology – H&N Surgery Foundation 114th Annual Meeting. Boston, MA. September 26-29, 2010.

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

Invited Speaker, 11th Annual William Osler Health Centre Pediatric Clinic Day. Toronto, Ontario. December 11, 2010.

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

Invited Speaker, Chinese Journal Club. Toronto, Ontario. July 2010

Diagnosis and Management of Otitis Media

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

Sinusitis
Vertigo

Invited Speaker, Trillium Health Centre Combined Otolaryngology and Neurosurgery Division Rounds. Mississauga, Ontario. February 2011.

A Case of Pneumocephalus

Invited Speaker, Allergy, Asthma, Immunology Society of Ontario (AAISO) Dinner Meeting, Toronto, Ontario. May 2011.
An update on Rhinosinusitis

Invited Speaker, Trillium Health Centre Family Practice Rounds, Mississauga, Ontario. May 2011.
An Approach to Nasal Obstruction

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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

Invited Speaker, 4th Asia Pacific Otolaryngology – Neurotology Meeting and First Singapore Otolaryngology & Skull Base Update. Singapore. October 9-11, 2010.

Otolaryngology 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

Lecturer and Instructor, First Singapore Temporal Bone Dissection Course. Singapore. October 12-13, 2010.

Mastoidectomy Techniques
Meatoplasty
Ossiculoplasty
Temporal Bone Dissection [Instructor]

Invited Distinguished Speaker, Israeli Society of Otolaryngology Annual Meeting. Eilat, Israel. March 2011.
The Future of Surgical Education in Otolaryngology [CE Course]
Management of the Facial Nerve in Skull Base Surgery
Expanded Criteria of Cochlear Implantation [Panel Member]

A Chiodo

Course Co-Director, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

EMR and the Otolaryngologist

K Conrad

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 “The Cutting Edge,” University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

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

S Cushing

Invited Faculty, American Academy of Otolaryngology – H&N Surgery Foundation 114th Annual Meeting. Boston, MA. September 26-29, 2010.

Pediatric Vestibular Disorders [Instructional Course with R O'Reilly]

Invited Faculty, Temporal Bone Radiology Course, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. October 12, 2010.

Congenital Anomalies of the Vestibule: What a Surgeon Looks for

Invited Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

Balance Disorders in the Pediatric Population

T Davids

Invited Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

The Importance of Videostroboscopy in the Diagnosis of Laryngeal Pathology

D Ellis

Invited Faculty, American Academy of Facial Plastic & Reconstructive Surgery, Fall Annual Meeting. Boston, Mass. September 23 – 26, 2010.

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

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 “The Cutting Edge,” University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

Face Lift: Different Patients Different Techniques?
Challenging Cases [Panel Member]

Invited Faculty, The 7th Annual International Multi-Specialty Symposium. June 22 – 26, 2011.

Complications Associated with Injectable Fillers [Panel Member]

Use of Voluma in Canada for Cheek Enhancement [Video]

DJ Enepekides

Invited AO Faculty Instructor, AO ASIF Principals of Operative Treatments of Craniomaxillofacial Trauma and Reconstruction. Halifax, Nova Scotia. August 2010.

Reconstruction of Large Mandibular Defects.

Invited Faculty, Advanced Pediatric and Adult Craniomaxillofacial Symposium. Toronto, Ontario. October 2010.

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

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 "The Cutting Edge," University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

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]

Invited Speaker, 6th Annual International Dysphagia Symposium. Las Vegas, Nevada. February 2011.

Laryngeal Trauma

Invited Faculty, 15th Annual McGill University Update in Otolaryngology. Mont Tremblant, Quebec. March 2011.

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]

R Fenton

Invited Speaker, Flight Surgeons Course, Canadian Forces Environmental Establishment, DRDC, Toronto, Ontario. November 2010.

Aviation, Otolaryngology, Head and Neck Surgery: What matters When You Fly.

V Forte

Invited Speaker, Hospital for Sick Children Department of Critical Care Medicine Lecture Series, September 14, 2010.

Tracheo-Broncho-Malacia – Airway Stents

Invited Speaker, Pediatric Oncology Group of Ontario, Multi-Disciplinary Symposium on Childhood Cancer, Toronto, Ontario. November 19, 2010.

The Role of Surgery in Head and Neck Tumors in Children

JL Freeman

Invited Speaker, Pacific Rim Otolaryngology – Head and Neck Surgery Update, University of San Francisco. Honolulu, Hawaii. February 19 – 20, 2011.

Parathyroid Management

Invited Faculty, American Head and Neck Surgery Society Annual Meeting. Chicago, Illinois. April 27 2011.

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

Invited Speaker, 2011 OAR Practical Head and Neck Imaging for Community Radiologists CME. Oakville, Ontario. May 28, 2011.

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]

Visiting Professor, Department of Otolaryngology, Shaare Zedek Hospital. Jerusalem, Israel. June 21 – 23, 2011.

Shifting Paradigms in the Management of Well Differentiated Thyroid Cancer

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.

Invited Speaker, Kiwanis Club. Toronto, Ontario. February 2011.

Speech-Evoked Potentials in Individuals with Cochlear Implants

A Gantous

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 “The Cutting Edge,” University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

Costal Cartilage Graft in Rhinoplasty
Challenging Cases [Panel Member]

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011

Workshop: Incisionless Otoplasty

R Gilbert

Invited Faculty – *WORLD TOUR* – International Federation of Head and Neck Oncologic Societies. “Current Concepts in Head and Neck Surgery and Oncology.” October 2010.

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

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 “The Cutting Edge,” University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

Nasal 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.

Role of Surgery in Laryngeal Preservation
Maxillary Reconstruction
Stump the Faculty [Panel Member]

Invited Speaker, Division of Facial Plastic and Reconstructive Surgery Core Lecture Series, University of Toronto. Toronto, Ontario. December 2010.

Complex Reconstruction and Oncologic Management of Skin Malignancy

Invited Faculty, American Society of Reconstructive Microsurgery. Cancun, Mexico. January 2011.

Head and Neck I
Laryngo-Tracheal 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]

D Goldstein

Invited Speaker, Canadian General Surgery Review 2011. Toronto, Ontario. March 2011.

Head and Neck Masses

Invited Speaker, William Osler and Brampton Hospital Otolaryngology Group. Toronto, Ontario. May 11 2011.

Challenges in Thyroid Cancer in 2011.

Invited Speaker, Ontario Association of Radiology, Practical Head & Neck Imaging for Community Radiologists. Toronto, Ontario. May 28 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]
Indication for Surgery – New Guidelines and Why [Panel Moderator]
Surgery for Adenoma/Hyperplasia [Panel Member]
Round Table Discussion: Intraoperative Nerve Monitoring During Thyroidectomy/ Parathyroidectomy [Panel Member]

K Gordon

Invited Faculty, 11th International Conference on Cochlear Implants and Other Implantable Auditory Technologies. Stockholm, Sweden. June 30 – July 3, 2010.

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

Keynote Speaker, 6th International Symposium on Objective Measures in Auditory Implants. St. Louis, Missouri. September 23-25, 2010.

Evoked Potential Brainstem and Cortical Responses in Children

Invited Speaker, International Laboratory for Brain, Music and Sound Research. Montreal, Quebec. October 7, 2010.

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

Special Guest Lecturer, 55th Annual Meeting of The Japan Society of Logopedics and Phoniatrics. Tokyo, Japan. October 14 -15, 2010.

Pediatric Cochlear Implantation

Invited Faculty, Albertan College of Audiologists and Speech-Language Pathologists. Edmonton, Alberta. November 5, 2010.

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

Invited Faculty, Society of Ear, Nose and Throat Advances in Children (SENTAC) Annual Meeting. Cincinnati, Ohio. December 3, 2010.

Electrophysiology in Cochlear Implant Users" [Panel Member]

Invited Lecturer, Sensory Systems and Deficits Symposium, Neurosciences and Mental Health. Toronto, Ontario. February 25, 2011.

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

Invited Faculty, The 10th European Symposium on Pediatric Cochlear Implantation. Athens, Greece. May 2011.

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

G Goulding

Invited Speaker, WE Listen International Professional Training Session. Toronto, Ontario. July 2010.

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

Invited Speaker, VOICE for Hearing Impaired Children. Waterloo, Ontario. November 2010.

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

P Gullane

Invited Guest, Georgia Society of Otolaryngology – Head and Neck Surgery Meeting. Jacksonville, Florida. July 22-25, 2010.

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?

Invited Guest, 4th Annual Otolaryngology Update in New York City – Columbia University. New York, October 28-29, 2010.

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

Invited Guest, *Herbert Birkett Lecture*, McGill University. Montreal, Quebec. November 11-12, 2010.

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]

Invited Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

Welcome & Introduction

Honoured Guest of Meeting, 21st Annual meeting – North American Skull Base Society, Scottsdale, Arizona. February 18-20, 2011.

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

Honoured Guest, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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

Invited Guest, Ontario Association of Radiologist (OAR) – Practical Head and Neck Imaging for ENT Surgeons and Radiation Oncologists. Toronto, Ontario. May 28, 2011.

Squamous Carcinoma of the Oral Cavity and Oropharynx

Invited Guest, Trillium/Credit Valley and William Osler Hospitals Annual Event. Port Credit, Ontario. June 1, 2011.

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

Round table discussant; participant, Collegium Oto Rhino Laryngologicum (CORLAS) Annual Meeting. Budapest, Hungary. August 22-25, 2010.

Keynote Speaker, Sound for a Young Generation. Second Latin American Pediatric Conference. Santiago de Chile, Chile. November 24-27, 2010.

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

Keynote Lecturer, Nalli Day (SickKids Cochlear Implant Day). Toronto, Ontario. February 17, 2011.

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

Invited Speaker, Sickkids Research Institute. Toronto, Ontario. March 10, 2011.

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

K Higgins

Invited Speaker, AO Craniomaxillofacial Symposium, Hospital for Sick Children. Toronto, Ontario. October 29-30, 2010.

Course Co-Director, Facial Plastic and Reconstructive Surgery 2010 “The Cutting Edge,” University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

Cheek and Midfacial Reconstruction
Challenging Cases [Panel Member]

Invited Lecturer, Wellspring Discussion Series, Wellspring Westerkirk House at Sunnybrook. Toronto, Ontario. February 23, 2011.

Advances in the Diagnosis and Treatment of Head and Neck Cancer

Workshop Instructor, Head and Neck Working Group, Canadian Society of Otolaryngology – Head and Neck Surgery. 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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

Invited Speaker, A Sound Foundation through Early Amplification, 5th Conference. Chicago, Illinois. November 8-10, 2010. [Proceedings edited by Bamford J, Seewald R: Phonak AG, Basle]

Protocols in EMDI
Telehealth in EMDI [with W Campbell]

Invited Speaker, Second Latin American Pediatric Conference. Santiago de Chile, Chile. November 27, 2010.

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

Invited Speaker, England Newborn Hearing Screening Conference. London, England. March 22, 2011.

An Obsession with Program Quality
Telehealth in EMDI [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.

Invited Panelist, Cancer Care Ontario 2010 Board Retreat. Toronto, Ontario. September 30, 2010.

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

Keynote Speaker, Thunder Bay Regional Research Institute 3rd Annual Corporate Retreat Thunder Bay, Ontario. October 30, 2010.

The Operating Room of the Future: Implications for Surgeons.

Keynote Speaker/Panelist, Israeli Society of Head and Neck Surgery and Oncology. Tel Aviv, Israel. November 18-19, 2010.

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

Visiting Professor, Rabin Medical Centre. Tel Aviv, Israel. November 17, 2010.

Management of Head and Neck Sarcomas

Invited Speaker, Southeastern Ontario Regional Oncology CME Event. Kingston, Ontario. January 31, 2011.

Surgical Oncology Quality Improvement Initiatives.

Invited Speaker, GE Healthcare Fundamentals of Leadership Effectiveness Program. Session 1: High Performance Leaders. Toronto, Ontario. February 12, 2011.

Invited Panelist, American Head and Neck Society Annual Meeting 2011. Chicago, Illinois. April 27, 2011.

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

Invited Speaker, Waterloo Wellington Surgical Oncology Evening. Cambridge, Ontario. May 25, 2011.

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

Invited Speaker, Cancer Care Ontario CIO Quarterly Meeting. Toronto, Ontario. June 27, 2011.

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

A James

Course Director, Temporal Bone Radiology Course, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. October 12, 2010.

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

J Lee

Invited Speaker, Community Otolaryngology Meeting & Journal Club. Toronto, Ontario. September and October 2010.
Surgical Management of Nasal Polyps

Invited Speaker, Annual University Health Network Joint Emergency Medicine Nursing and Physician Conference. Toronto, Ontario. November 1-2, 2010.

A Review of Otolaryngology Emergencies

Invited Paper Session Moderator, North American Skull Base Society Annual Meeting. Scottsdale, Arizona. February 18-20, 2011.

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

Invited Guest Faculty, The PENN International Rhinology and Comprehensive Skull Base Course. Philadelphia, Pennsylvania. March 10-12, 2011.

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

Invited Speaker, North York General Hospital – Department of Otolaryngology Hospital Rounds. Toronto, Ontario. April 2011.
Inverted Papilloma: A Review

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

Rhinology Workshop: Topical Therapies in Chronic Rhinosinusitis
A Review of Surfactants for Chronic Rhinosinusitis

V Lin

Invited Speaker, Ottawa Hospital Research Institute. Ottawa, Ontario. October 2010.

Hearing Restoration through Auditory Hair Cell Regeneration

Invited Faculty, Temporal Bone Radiology Course, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. October 12, 2010.

Neoplasia: What the Surgeon Looks For

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 Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

Interesting Otologic Surgical Cases [Panel Member]

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?

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

Intratympanic Steroids: New Standard of Care for Sudden Sensorineural Hearing Loss? [Workshop with H. Amodi, P. Mick, R. Lin, S. Daniel]

JM Nedzelski

Invited Faculty, 9th Hearing Preservation Workshop. Miami, Florida. October 2010.

Sunnybrook Experience with the Med-El FLEXsoft Electrode and Hearing Preservation
(with D Shipp)

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]

Invited Faculty, The 7th Meeting of the InterAmerican Association of Pediatric Otolaryngology (IAPO). Panama City, Panama. Jul 29, 2010.

Auditory Development: Three Facts and Three Propositions [Plenary Address]
Cochlear Implantation in Children [Panel Member]

Invited Faculty, Third Advanced Chinese Cochlear Implant Workshop. Wuhan, China. September 6, 2010.

Cochlear Implantation Basic Science and Surgical Technique: Solid Foundations
Baha Basic Science and Surgical Technique: Solid Foundations

Invited Faculty, Temporal Bone Radiology Course, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. October 12, 2010.

Congenital Abnormalities of the Cochlea: What a Surgeon Looks for
Congenital Abnormalities of the Middle Ear: What a Surgeon Looks for

Invited Speaker, MED-EL Corporation, Design Engineering Team. Innsbruck, Austria. November 4, 2010.

Searching for the Moth: The relationship Between Cochlear Implants and Their Recipients

Invited Speaker, Cochlear Corporation Europe sponsored meeting. Amsterdam, The Netherlands. Nov 19-20, 2010.

European Bilateral Cochlear Implant Forum [Moderator]. European working group to establish consensus statement regarding bilateral cochlear implantation in children

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, The Children's Hospital of the King's Daughter, Eastern Virginia Medical School. The Tidewater Otolaryngology and Ophthalmology Group. Norfolk, Virginia. January 20-21, 2011.

Alexander Graham Bell: The Grandfather of Cochlear Implantation
The Effective Scientific Presentation [Department of Otolaryngology Grand Rounds and Temporal Bone Course]

Visiting Professor, Departmental Grand Rounds,
Otolaryngology – HNS, London Health Sciences Center.
London, Ontario. February 9, 2011.

Searching for the Moth: Cochlear Implant Surgery in
Infants
Effective Scientific Communication [Resident teaching
session]

Invited Faculty, Third International Symposium on Bone
Conduction Hearing-Craniofacial Osseointegration. Sarasota,
Florida. March 25, 2011.

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]
Implantation in dysplasias – aplasia. How I do it? When
do I stop? Outcome? [Panel Member]

Invited Speaker, 2nd International Symposium on Early
Identification, Diagnosis and Treatment of Deafness in Infants.
Madrid, Spain. May 27, 2011.

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

Invited Keynote Speaker, 82nd Annual Meeting of the German
Society of Otolaryngology – Head and Neck Surgery.
Freiburg, Germany. Jun 3, 2011.

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

D Pothier

Invited Faculty, 9th Annual Otolaryngology Head and Neck
Surgery Update 2011, University of Toronto, Department of
Otolaryngology – Head and Neck Surgery. Toronto, Ontario.
February 12, 2011.

Endoscopic Ear Surgery [with J. Rutka]

Invited Faculty, 65th Annual Meeting of the Canadian Society
of Otolaryngology – Head & Neck Surgery, (CSO-HNS).
Victoria, BC. May 22-24, 2011.

Using the Endoscope for Minimally Invasive Ear
Surgery [Workshop with C Coulson, P Lai]

E Propst

Invited Faculty, 9th Annual Otolaryngology Head and Neck
Surgery Update 2011, University of Toronto, Department of
Otolaryngology – Head and Neck Surgery. Toronto, Ontario.
February 12, 2011.

MicroLaryngoscopy, Bronchoscopy and Surgical
Management of the Pediatric Airway

X Punthakee

Invited Faculty, 9th Annual Otolaryngology Head and Neck
Surgery Update 2011, University of Toronto, Department of
Otolaryngology – Head and Neck Surgery. Toronto, Ontario.
February 12, 2011.

General Tips in Facial Plastic and Reconstructive
Surgery

R Rival

Course Co-Director, Facial Plastic and Reconstructive
Surgery 2010 “The Cutting Edge,” University of Toronto,
Department of Otolaryngology – Head and Neck Surgery.
Toronto, Ontario. November 5, 2010.

Challenging Cases [Panel Member]

Course Co-Director, 9th Annual Otolaryngology Head and
Neck Surgery Update 2011, University of Toronto, Department
of Otolaryngology – Head and Neck Surgery. Toronto, Ontario.
February 12, 2011.

J Rutka

Invited Faculty, 4th Asia Pacific Otology and Neurotology
Meeting – 1st Singapore Otology and Skull Base Update.
Singapore. October 8 – 10, 2010.

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

Invited Speaker, The Greater Bunbury Division of General
Practice Spring Meeting. Bunbury, West Australia. October 14,
2010.

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

Invited Speaker, The Australian Society of Otolaryngology Head and Neck Surgery Annual Scientific Meeting. Perth, West Australia. October 16-20, 2010.

Medicolegal Ramifications of Mastoid Surgery
Otologic Curiosities #2
The Irony of Being Oscar: The Life and Otogenic Death of Mr. Oscar Wilde

Invited Faculty, 12th International Congress of the Iranian Society of Otolaryngology, Head & Neck Surgery. Tehran, Iran. November 1-5, 2010.

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).

Invited Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

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

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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

D Shipp

Invited Speaker, 4th Med-EI Aural Rehabilitation Conference. Antalya, Turkey. April 2011.

Cochlear Implantation in Older Adults: Assessment, Management and Outcomes

Invited Faculty, 9th Hearing Preservation Workshop. Miami, Florida. October 2010.

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

O Smith

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 "The Cutting Edge," University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

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

Invited Faculty, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

Otolaryngology in Ontario

P Solomon

Invited Faculty, Facial Plastic and Reconstructive Surgery 2010 "The Cutting Edge," University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. November 5, 2010.

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

A Vescan

Invited Speaker, Kitchener/Guelph ENT Journal Club. Kitchener, Ontario. November 2010.

Advanced Endoscopic Sinus and Skull Base Surgery

Invited Speaker, University of Pittsburgh Minimally Invasive Surgery of the Skull Base. Pittsburgh, Pennsylvania. December 2010.

Transpterygoid Approaches

21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 18-20, 2011.

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

Invited Speaker, UHN ER Physicians. Toronto, Ontario. May 2011.

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]

Invited Speaker, Endoscopic Approaches to the Sella and Skull Base; 2nd International Skull Base Endoscopic Surgery Course, Hopital Lariboisiere. Paris, France. June 2011.

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

Invited Speaker, New Program Directors Meeting, Postgraduate Medical Education, University of Toronto. Toronto, Ontario. October 7, 2010.

Pearls & Pitfalls of a Program Director

Invited Speaker, Division of Otolaryngology – Head & Neck Surgery, Brampton Civic Hospital. Brampton, Ontario. October 22, 2010.

Endoscopic Frontal Sinus Surgery – When, Why and How

Invited Speaker, Canadian Society of Clinical Allergy & Immunology. Victoria, BC. November 5, 2010.

Rhinosinusitis 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

Course Co-Director, 9th Annual Otolaryngology Head and Neck Surgery Update 2011, University of Toronto, Department of Otolaryngology – Head and Neck Surgery. Toronto, Ontario. February 12, 2011.

Invited Faculty, Pre-meeting dissection course, 21st Annual Meeting of the North American Skull Base Society. Scottsdale, Arizona. February 17, 2011.

Closure of large skull base defects

Invited Speaker, The University of British Columbia Department of Surgery Grand Rounds. Vancouver, BC. March 23, 2011.

Advances in Skull Base Surgery

Invited Faculty, 65th Annual Meeting of the Canadian Society of Otolaryngology – Head & Neck Surgery, (CSO-HNS). Victoria, BC. May 22-24, 2011.

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]

Invited Speaker, Practical Head and Neck Imaging for Community Radiologists, Ontario Association of Radiology. Toronto, Ontario. May 28, 2011.

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]

Visiting Professor, 2nd Cape Breton ENT Day. Sydney, Nova Scotia. June 25, 2011.

Acute and Chronic Rhinosinusitis

Workshop on Nasal Polyps [with E Massoud]

M Zirkle

Invited Speaker, Global Alliance, East/West, Shantou China. May 2011.

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

Defence Research and Development Canada, Land Partner Group, Command and Control Thrust, Internal Operating Grant. “*Auditory Overload Strategies in CF Land Operations.*” [\$328,000, April 2008 to March 2011].

SM Abel, C Burrell and S Stergiopoulos

Defence Research and Development Canada Personnel Partner Group, Human Integration Thrust: Environmental Health Mitigations, Internal Operating Grant. “*Noise Protection with Enhanced Communication Capabilities.*” [\$110,000 – April 2008 to March 2011].

SM Abel, G Ho and A Nakashima

Defence Research and Development Canada Agility Fund. “*Audiovisual Communications During Vehicular Command and Control.*” [\$75,000 – July 2011 to March 2012].

H Amoodi, J Chen, L Friesen, L Bartel

PSI grant. “*Music Appreciation in CI users – Music EAR*” – \$112, 000 – October, 2010 – 2012]

P Campisi, V Forte

Undergraduate Medical Education Curriculum Renewal Fund. “*Otoscopy Simulation: A New Paradigm in Undergraduate Medical Education.*” [\$16,400 – 2009-2010]

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

Hospital for Sick Children Innovation Fund Award. “*The effect of NSAIDs on Abscess Formation in a Murine Model.*” [\$10,000 – April 2011 – March 2012]

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

Use to Usual Care Granting Agency: MSH UHN AMO Phase 3 Innovation Fund. “*Development and Evaluation of the Head & Neck Surgery Complications Survey (HANCS): A Head and Neck Surgery Morbidity and Mortality Data Collection Tool.*” [\$3,0547.33 – 2011]

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

Use to Usual Care Granting Agency: MSH UHN AMO Phase 3 Innovation Fund. “*Evaluation of Geriatric Assessment Tools to Predict Functional Decline in Elderly Patients Undergoing major Head and Neck Surgery: Development of a Novel Approach to Selecting Older Patients for Surgical Treatment.*” [\$112,364.76 2011-2013]

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

IDEAS Grant – PMH Head & Neck Cancer Translational Research Program. “*Characterization and Prognostication of Biomarkers in Oral Tongue Squamous Cell Carcinoma.*” [\$50,000 – 2011-2012]

KA Gordon, BC Papsin

CIHR Operating Grant #MOP-89804. “*Processing Bilateral Electrical Input in the Developing Auditory System.*” [\$457,660 – October 2008-April 2012]

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

Canadian Cancer Society Research Institute. “*Health Care Utilization and Diagnostic Delay in Oral Cavity Cancer.*” [\$158,601 2009-2011]

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 Chemotheapy 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

The Masonic Foundation of Ontario, Help-2-Hear Fund. "Otoacoustic Emission Suppression: Basic Studies and Clinical Applications." [\$35,000 – 2009-2010]

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

Canadian Institutes of Health Research – CIHR Team Grant. "Development and Ageing of Binaural Hearing." [\$1,250,000 – September 2010-2015].

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

Ontario Institute for Cancer Research. "Cost-Effectiveness Analysis of Personalized Medicine: Case Studies from the Real World." \$100,000/yr 2009-2011]

J Irish

IDEAS Grant – PMH Head & Neck Cancer Translational Research Program. "Augmented Reality System for High-Precision Image-Guided Head and Neck Surgery." [\$50,000 2011-2012]

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]

S Kamel-Reid, M Pintilie, JM Irish, P Gullane, I Jurisica, D Goldstein, G Zheng, B Perez-Ordoñez, B Wilson, R Gilbert

Ontario Institute for Cancer Research (OICR). "Molecular Genetic and Imaging Assessment of Surgical Resection Margins in Oral Carcinoma: Predictors of Recurrence and Potential Therapeutic Targets." [\$675,576 – 2008-2011]

S Kamel-Reid, B Perez-Ordoñez, L Siu

Pfizer Canada. "The Frequency of EGFRVIII Mutations in Oral Carcinoma." [\$56,000/yr 2009-2010]

S Kamel-Reid and J Lipton

Bristol Meyers Squibb Canada. "CML Mutation Screening in Imatinib Resistant Patients without Mutations in the ABL Kinase Domain." [\$106,000/yr 2010]

S Kamel-Reid, I Jurisica, W Xu, M Crump, R Gascoyne, D LeBrun

Cancer Research Society. "N4ew Prognostic Markers in Mantle Cell Lymphoma." [\$60,000/yr 2010-2012]

J Lee

Neilmed Pharmaceuticals Inc. "Microwave Disinfection: Assessing the Risk of Irrigation Bottle Contamination Following Sinus Surgery." [\$15,452 June-December 2010]

V Lin

Hearing Foundation of Canada Fellowship Award. "Auditory Regeneration" [\$250,000 – July 2009 – June 2014]

F-F Liu, E Chen, B Cummings, R Gilbert, P Gullane, A Hui, JM Irish, S Kamel-Reid, J Kim, W Lam, B O'Sullivan, B Perez-Ordoñez, M Pintilie

Ontario Institute for Cancer Research (OICR). "Developing a Predictive Gene Set for HNSCC Patients." [\$470,796 – 2008-2011]

F-F Liu, A Hui, B O'Sullivan, B Perez-Ordoñez, M Pintilie

Canadian Institutes of Health Research. "The Role of Micro-RNAs in Human Nasopharyngeal Carcinoma." [\$752,500 – 2008-2013]

F-F Liu, E Ito, I Kim, L Kotra, E Pai, M Ikura, R Rahimpour

Canadian Institutes of Health Research Proof-of-Principle. "Targeting UROD as a Novel Anti-Cancer Therapeutic Strategy." [\$150,000 – 2010-2011]

F-F Liu, E Ito, I Kim, A Schimmer

Canadian Institutes of Health Research. "Small Molecule Inhibitors Against a Novel Radio- and Chemo-sensitizing Target for Human Cancers." [\$422,553 – 2010-2013]

F-F Liu, P Boutros, D Goldstein, P Gullane, J Irish, B Perez-Ordóñez, B O’Sullivan, J Waldron, W Xu
Canadian Institute of Health Research (CIHR). “Characterizing Clinically Important Micro-RNAs in Head and Neck Squamous Cell Cancer.” [\$336,803 September 2010-11]

G Liu, F Meyer, I Bairati, C S Wang, I Jurisica, W Xu, J Waldron, D Goldstein
National Cancer Institute of Canada. “Genetic Polymorphisms and Head and Neck Cancer Outcomes.” [\$567,850 – 2008-2011]

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]

Jordan and Lisa Gnat Family Endowment. Capital Endowment Gift to develop and support work in the Cochlear Implant laboratory. [\$50,000 – 2000 – 2010]

Vita and Stephanie Nalli Cochlear Implant Fund. Capital Gift to support laboratory activity and to support annual Academic Day & the Nalli/Ingolia Family Lecture. [\$146,787 – 2000 – 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]

Csepregy-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

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.” [\$689,814 – 2008-2011]

A Sawka, D Goldstein

Use to Usual Care Granting Agency: MSH UHN AMO Phase 3 Innovation Fund. “Decision Aid for Adjuvant Radioactive Iodine Treatment in Early-stage Papillary Thyroid.” [\$183,733 – 2009-2011]

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

Canadian Institutes of Health Research (CIHR) Operating Grant. “Discovery, Identification and Verification of Novel Biomarkers in Head and Neck Cancer.” [\$396,211 – 2008-2011]

S Singh, KWM Siu, R Ralhan, S Benchimol

Ontario Institute for Cancer Research. “Preclinical Validation of Novel Potential Therapeutic Molecular Targets for Head and Neck Cancer identified Using Tissue Proteomics.” [\$429,525 – 2008-2011]

T Stockley, KA Gordon, BC Papsin

Ontario Association for Medical Laboratories, Research Trust Small Grants Program. “Improving Genetic Testing for Inherited Deafness in Ontario.” [\$35,000 – 2009-2010]

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

KalGene Diagnostics. “Development of Clinically Integrated Diagnostics for Thyroid Cancer.” [\$250,000 – 2009-2010]

JJ Warsh, P Li, M Tseng, IJ Witterick

Canadian Institutes of Health Research (CIHR). “BDNF/TRPC Signal Transduction in Bipolar Disorder and Mood Stabilizer Action.” [\$305,193 – 2009 – 2012]

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.

NATO RTO HFM Panel Excellence Award for contributions to HFM-147 Technical Team on Advanced Personal Hearing Protection Technology (Abel S, Baudou J, Bjorn V, Buck K, De Boodt F, Drullman R, Henry P, James S, McKinley R, Sarafian D, Van Der Veken P, and van Wijngaarden S).

Member, Acoustics Subsection, Environmental Health Working Group, Multilateral Medical Operations Panel, International Space Station. 2000 to present.

Member, NATO Human Factors Medical Panel, Technical Team HFM TG-147, "Advanced Hearing Protection Technology." 2004-2010.

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:

Journal of Otolaryngology – Head and Neck Surgery (CSO-HNS). 1981 to present.

Otolaryngology – Head and Neck Surgery (AAO-HNS). 1995 to present.

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.

Chef de Mission "*Face the Future Mission*," Canadian Foundation for Facial Plastic and Reconstructive Surgery, for 1 week medical mission with a team of seven to Ekaterinburg, Russia. Demonstration surgery and lectures on plastic surgery. November 2010.

"*Face the Future Mission*," Canadian Foundation for Facial Plastic and Reconstructive Surgery, Reconnaissance visit to Jalapa, Guatemala re: potential future mission. December 2010.

Chef de Mission "*Face the Future Mission*," Canadian Foundation for Facial Plastic and Reconstructive Surgery, for 1 week surgical mission with a team of seven to Saratov, Russia. Demonstration surgery, humanitarian care and lectures for children with facial deformities. May 2011.

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

President, Canadian Academy of Oral and Maxillofacial Pathology and Oral Medicine. 2009-2011.

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.

Member, Toronto Academy of Medicine. 1989 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.

Journal of Otolaryngology – Head & Neck Surgery. 2005 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,

Journal of Otolaryngology – H&N Surgery.

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.

Manuscript Reviewer, Journal of Otolaryngology– H&N Surgery. 1995 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.

Reviewer, Journal of Otolaryngology – Head & Neck Surgery. 2007 to present.

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.

Consultant, Nasal and Facial Reconstructive Surgery, Isabel Silverman Canada-International Scientific Exchange Program (CISEPO). 1996 to present.

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

Editorial Reviewer, Journal of Otolaryngology.

MJ Davidson

Site Coordinator, Undergraduate Education [Boyd Academy], Department of Otolaryngology – Head and Neck Surgery, University of 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.

Peer Assessor, Quality Management Division, The College of Physicians & Surgeons of Ontario. June 2009 to present.

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

Editorial Board, Journal of Otolaryngology. 1983 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 & 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 Surgery. 2008-2010.

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 Surgery. 2006-2010.

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 Otolaryngology, 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 "Principles of Surgery Examination." 1992 to present.

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
Journal of Otolaryngology – Head & Neck Surgery. 1985 to present.
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

External Reviewer PhD Thesis “Acoustic models of cochlear implants,” University of Pretoria. Pretoria, Republic of S. Africa. Dates of Supervision: 2010-2011.

Member, Featured Sessions Committee, American Academy of Audiology Convention Program, Audiology NOW 2011. 2010.

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 Otolaryngology, Rhinology and Laryngology
Journal of the Acoustical Society of America
Journal of the Association of 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.

Reviewer, Journal of Otolaryngology. 1998 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.

Journal of Otolaryngology – Head and Neck Surgery. 2006 to present.

Otolaryngology Head & Neck Surgery. 2006 to present.

World Journal of Surgery. 2009 to present

E Gooden

North York General Hospital. Toronto, Ontario.

Chief, Division of Otolaryngology, Department of Surgery. January 2009 to present.

Member, Board of Governors. April 2006 to present.

Co-Coordinator, Otolaryngology Academic Rounds. 2002 to present.

Member, Medical Staff Association Executive Committee. April 2006 to present.

Member, Surgical Perioperative Committee. January 2009 to present.

K Gordon

Thesis External Examiner, University of Montreal. 2011.

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.

International Journal of Psychophysiology. 2008 to present.

Journal of the Acoustical Society of America. 2005 to present.

Journal of the Association for Research in Otolaryngology

Journal of Clinical Neurophysiology. 2005 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.

Consultant, International Otolaryngology Committee. 2006-2010.

Member, Editorial Review Board:

SIPac Faculty, American Academy of Otolaryngology – Head and Neck Surgery. 1989 to present.

Journal of Skull Base Surgery. 1991 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 Journal of Otolaryngology. 1993 to present.

International Advisory Board, The Saudi Journal of Otorhinolaryngology. Saudi Arabia. 1999 to present.

The Laryngoscope. 2000 to present.

On-Line Journal Head and Neck Surgery-Oncology. 2003 to present.

Journal Auris Nasus Larynx, International Journal of ORL & HNS (Elsevier) – Japan. 2005 to present.

Annals of Mexican Otolaryngology – Mexican Society of Otolaryngology – Head and Neck Surgery. 2007 to present.

Oral and Maxillofacial Surgery. 2006 to present.

Reviewer:

Journal of Otolaryngology – Head & Neck Surgery. 1990 to present.

Journal of Skull Base Surgery. 1991 to present.

Les Annales d’Otolaryngologie et de Chirurgie Cervico-Facial (France), 1991 to present.

Journal of Vascular Surgery. 2002 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.

Assessor for the Registration through Peer Assessment Program, College of Physicians and Surgeons of Ontario. 2005.

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 Laryngologie Otolaryngologie Rhinologie

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:

Journal of Otolaryngology – Head & Neck Surgery.
2005 to present.
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.

Member, Evaluation Advisory Group, British Columbia Early
Hearing Program, Provincial Health Services Agency. British
Columbia. 2007 to present.

Manuscript Reviewer, Ear and Hearing.

Member Editorial Board, Journal of the American Academy of
Audiology. 1991 to present.

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.

Interim Provincial Clinical Lead, Access to Services and Wait
Times, Province of Ontario. 2009 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.
Council Fellow-at-Large. 2008-2011.
Program Chair, 8th International Conference on Head
and Neck Cancer. 2008-2012.

Appointed Canadian President, Collegium Oto-Rhino-
Laryngologicum Amicitiae Sacrum. 2002 to present.

Specialist Board, "Experts on Call," Canadian Journal of
Diagnosis. 2008 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 Otolaryngology – Head & Neck Surgery. 1990 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:

Basic Sciences, Journal of Otolaryngology. 1997-2009.
 Journal of Otolaryngology – Head & Neck Surgery. 2009-2010.
 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.
 Morbidity and Mortality Review Committee. 2006-2010.

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

Manuscript Reviewer, International Journal of Pediatric Otorhinolaryngology. 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.
 Journal of Otolaryngology – Head & Neck Surgery. 2009 to present.
 ORL – Journal for Oto-Rhino-Laryngology – Head and Neck Surgery. 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.

Reviewer (nominated by the American Academy of Otolaryngology – Head and Neck Surgery), for the Intersocietal Commission for the Accreditation of Computed Tomography Laboratories (ICACTL). Columbia, Maryland. 2008.

Honorary Trustee, Toronto Cantorial Trust Fund. Cantorial Clergymen of Ontario. 2003 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:

The Physician and Sports Medicine. 1993 to present.
 American Journal of Roentgenology. 1991 to present.

Editorial Board:

Operative Techniques in Otolaryngology – Head & Neck Surgery, WB Saunders Co. Philadelphia. 1989 to present.
 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

Chapter Liaison, Section on Otolaryngology – Head & Neck Surgery, The American Academy of Pediatrics. 2004 to present.

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 Otolaryngology and Neurotology. 2006 to present.
Journal of Otolaryngology-HNS. 1998 to present.
Journal of International Advanced Otolaryngology (IAO). 2010 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).

US patent/ 2010 “Epithelial Cancer Marker” (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.

Member, Editorial Board:

Carcinogenesis. 2007 to present.
Frontiers in Cancer Genetics. 2011 to present.
International Journal of Cancer. 2006 to present.
Journal of Oral Pathology & Medicine. 2008 to present.
Oral Oncology. 2007 to present.
The Open Biomarkers Journal. 2008 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.

Consultant, Infant Hearing Screening & Communication Development Program, Public Health Branch, Ontario Ministry of Children and Youth Services. 2004 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):

Consulting Audiologist (Invited). 1996 to present.
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.
 Journal of Otolaryngology – Head & Neck Surgery. 1990 to present.
 Otitis Diagnostica – Kommunikom Press. 1998 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.

Peer Review Assessor, Investigations and Resolutions. College of Physicians and Surgeons of Ontario. 2009 to present.

Clinical Lead, Otolaryngology – Head and Neck Surgery, Access to Care Program, Ministry of Health and Long Term Care. 2011 to present.

AJ Smitheringale

Department of Otolaryngology – Head & Neck Surgery PBL Tutor for Meds II Foundations of Medical Practice. Peters-Boyd Academy. 1993 to present.

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

P Solomon

Chief of Surgery. York Central Hospital. Richmond Hill, Ontario. February 2008 to date.

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.
Judge, “Poliquin Medtronic Xomed Resident
Competition.” 2007-2011.

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.
 Journal of Otolaryngology – Head and Neck Surgery. 1997 to present.

Manuscript Reviewer:

American Journal of Rhinology & Allergy. 2010 to present.
 Annals of Otolaryngology, Rhinology and Laryngology. 2011 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.
 Journal of Otolaryngology Head & Neck Surgery. 1993 to present.
 Laryngoscope. November 2003 to present.
 Otolaryngology – Head & Neck Surgery. June 2005 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

Drs. P.J. Gullane (Chair), P. Adamson, J. Anderson, P. Campisi, J. Chen, V. Forte, J. Freeman, R. Gilbert, R.V. Harrison, J. Irish, Mses.V. Papaioannou, K. Riko, Drs. R. Rival, O. Smith and I. Witterick.

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

Drs. J. Irish (Chair), P. Adamson, J. Anderson, J. Chen, V. Forte, J. Freeman, R. Gilbert, P. Gullane, R.V. Harrison and Ms. K. Riko.

Research

Drs. R.V. Harrison (Chair), S.M. Abel, R. Gilbert, K. Gordon, J. Haight, J. Irish, S. Kamel-Reid, V. Lin, F-F. Liu and B. Papsin.

Audiology

Mses. K. Riko (Co-Chair), V. Papaioannou (Co-Chair), J. Adamonis, I. Bennett, B. Bliss, M. Cashman, S. Druker, L. Friesen, K. Gordon, G. Goulding, L. MacDonald, N. Sandor, K. Smilsky, D. Storms, E. Thurier, J. Witte and E. Wong, and Mr. D. Shipp.

Promotions

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

Budget Advisory

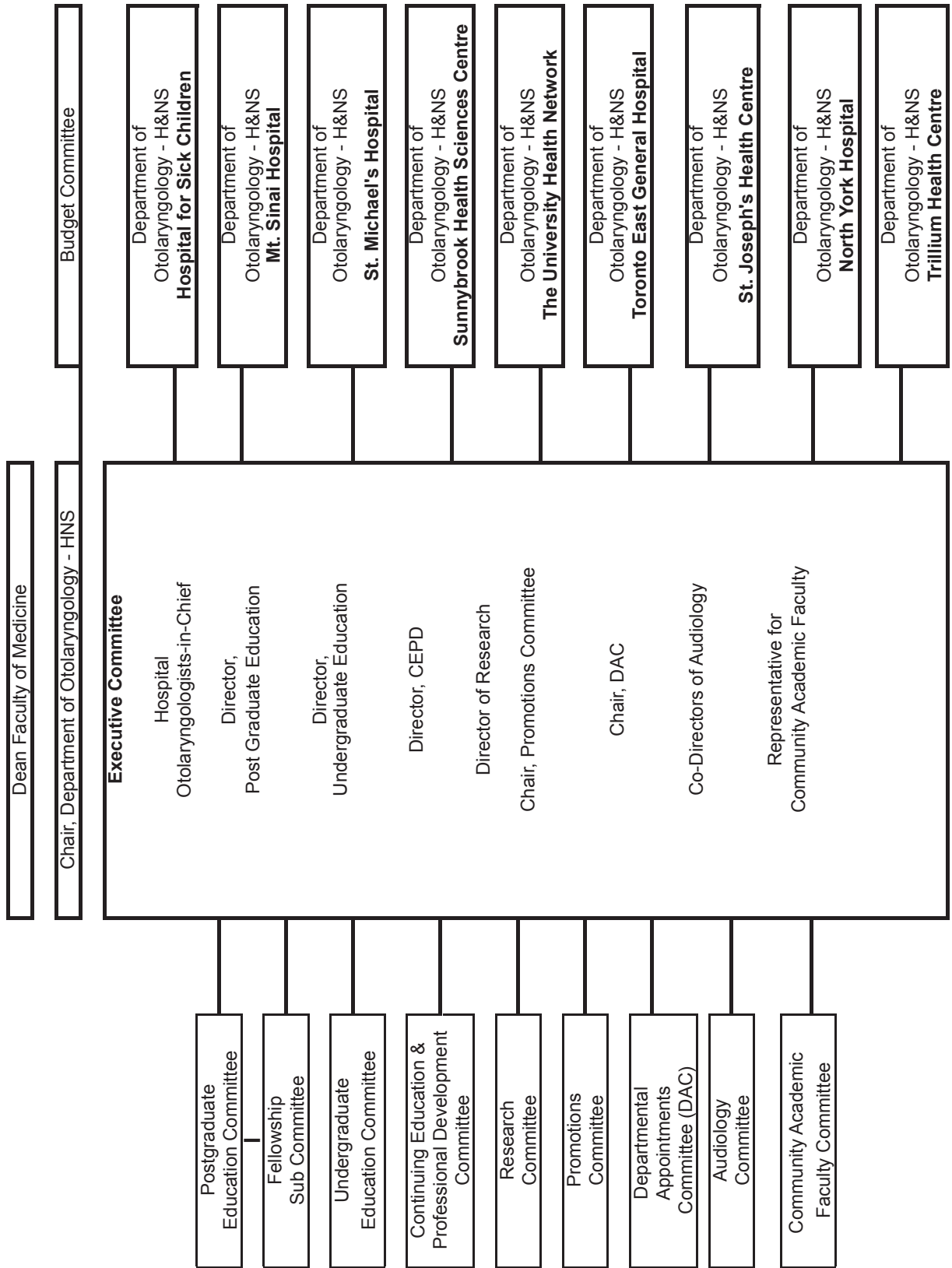
Drs. P.J. Gullane (Chair), J. Anderson, J. Chen, V. Forte, J. Freeman, R. Gilbert, R.V. Harrison, I Witterick.

Community Academic Faculty

Drs. R. Rival (Chair), P. Adamson, R. Chaban, Y. Chan, A. Chiodo, K-Y. Chow, K. Conrad, J. da Silva, F.M. de Souza, W. El Masri, D. Ellis, R. Fox, A. Gantous, D. Goldfarb, E. Gooden, D. Hacker, J. Haight, J. Halik, W.M. Hawke, R.L. Josephson, A Katyal, W. Kaul, J. Kolenda, R. Macdonald, W. Middleton, N. Morrow, K. Sky, O. Smith, A. Smitheringale, P. Solomon, P. Wade, J. Werger.

Department of Otolaryngology - Head Neck Surgery University of Toronto

Organizational Structure



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 Nateghifard (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 Chiodo – 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, airway management including tracheotomy, bone plating, 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 Otolaryngology – 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 Otolaryngology, 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.



UNDERGRADUATE MEDICAL EDUCATION

Dr. P. Campisi

- Chair: P. Campisi
 Members: D. Brown (Wightman-Berris Academy)
 Y. Chan (UofT Mississauga)
 A. Chiodo (Fitzgerald Academy)
 J. Davidson (Peters-Boyd Academy)
 S. Druker (Audiology Representative)
 A. Vescan (Wightman-Berris Academy)
 J. Yip (Student Representative)
 A. Forbes (Administrative Assistant)

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. Gullane 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

– HNS, University of Alberta) and Dr. John Yoo (Chair of Otolaryngology – HNS, Schulich School of Medicine & Dentistry, University of Western Ontario).

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

Faculty of Medicine, University of Calgary, gave the *Peter Crossgrove Lecture* for the Department of Surgery titled “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 4, 2011 – 13th Annual Wharton/Elia Day, UHN

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

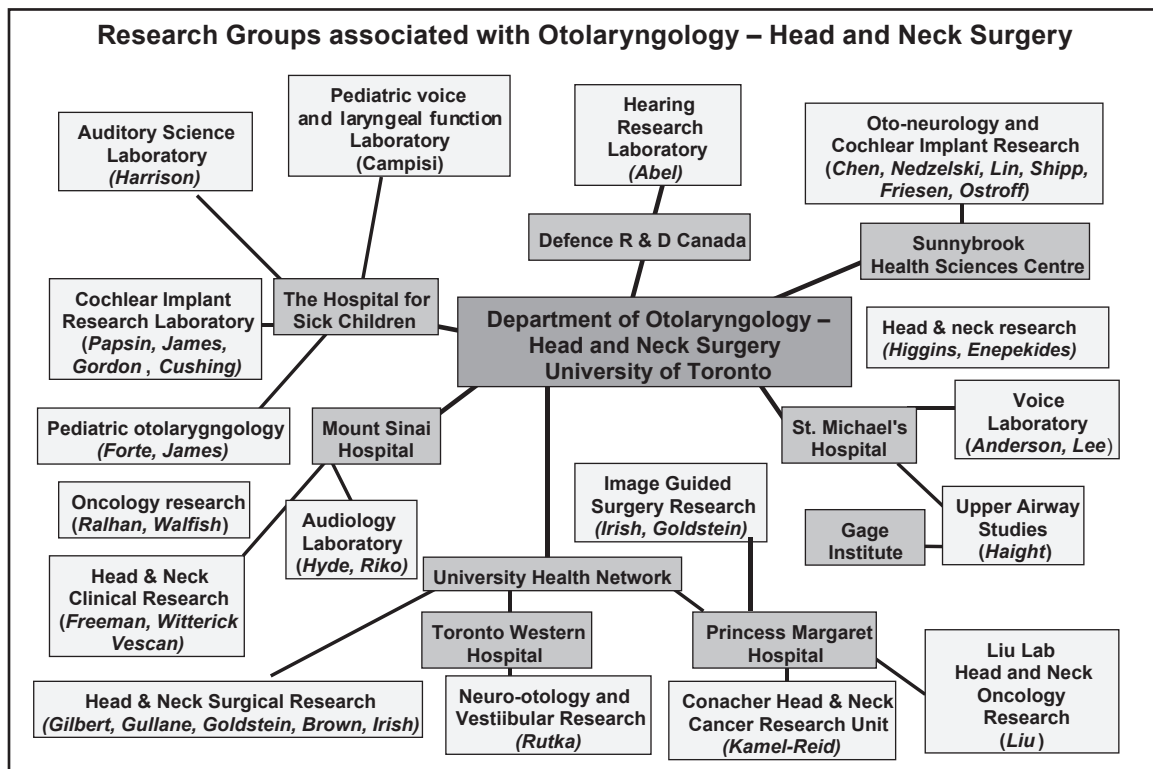
July 10-14, 2013 – The Second World Congress on Thyroid Cancer, Sheraton Hotel, Toronto. This is a multidisciplinary congress with leaders in the field, instructional courses, panel discussion, lectures and debates. Drs. Jeremy Freeman and Ian Witterick are again part of the Steering Committee.



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).

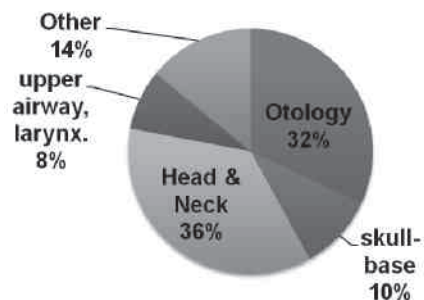
UPPER AIRWAY AND LARYNGEAL RESEARCH

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).

Domains of Research (pubs.) in Otolaryngology – HNS in 2010



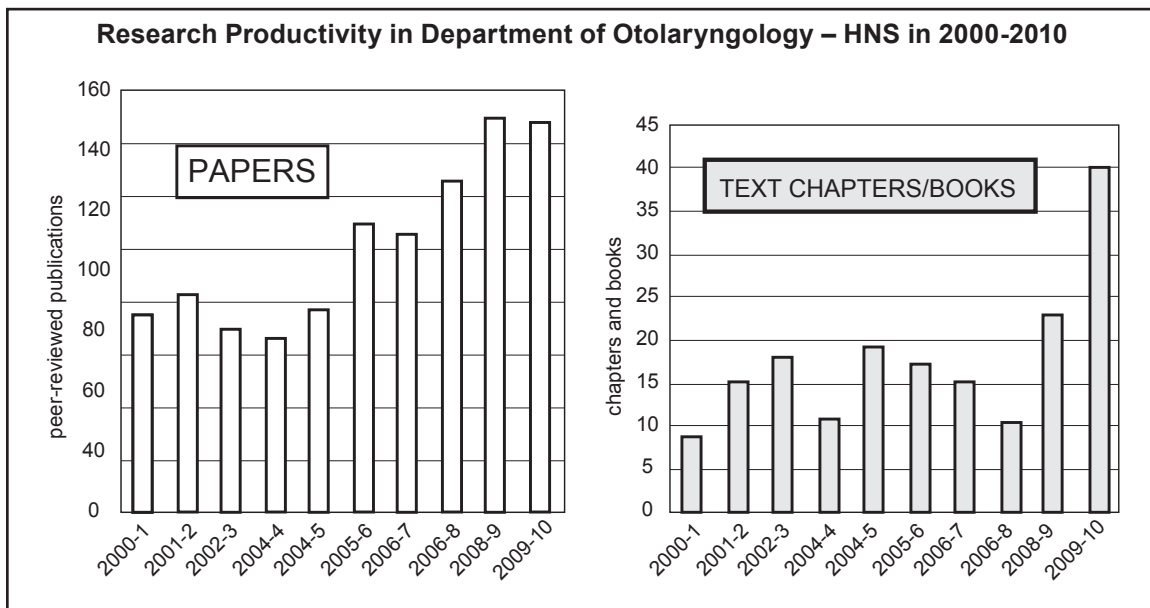
RESEARCH EVENING

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



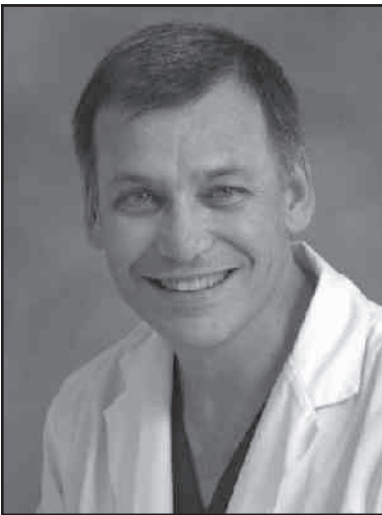
PROMOTIONS COMMITTEE

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 Ian 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 Stouffville 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 laryngotracheal and maxillary reconstruction.

The Mount Sinai PMH program which collaborates with the UHN 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; immuno-histochemistry; 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.

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-toxity 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.



Cochlear Implant Laboratory **The Hospital for Sick Children**

Dr. B.C. Papsin and Dr. K. Gordon

The Cochlear Implant Laboratory at the Hospital for Sick Children continues to investigate auditory development and plasticity. We ask: 1) What aspects of auditory development are arrested by hearing loss; 2) What changes in the auditory system occur during the period of deafness; and 3) To what extent can auditory plasticity and development be promoted by cochlear implant use? We are also interested in cochlear implant design which seeks to improve the resilience of the device as well as to preserve residual hearing. Our work is supported by research funding from

the Canadian Institutes of Health Research 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 studentship awards. She also received an Ontario Government Studentship award this year. Patrick Yoo began his Master's degree in IMS with us in September 2011. He is studying cortical effects of childhood deafness and he presented work related to his M.Sc. project at Percy Ireland Day in May 2011. We also welcomed Michael Deighton as a new Master's student through IMS in January 2011; he has begun collecting data for his graduate student research which will examine binaural processing in children who received bilateral cochlear implants simultaneously. Parvaneh Abbasalipour is an international Audiologist who will be joining our lab as a Masters degree student through IMS

in September 2011. She will be studying binaural hearing in children who had long delays between implantation of their first and second ears and effects of patching the first side. 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-RAR α 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

NCIC TFF Clinical Research Fellowship for PhD student Rashmi Goswami. MicroRNA expression as a prognostic marker in patients with mantle cell lymphoma. S. Kamel-Reid [PI] 2008-2011 \$47,500/yr.

CIHR Frederick Banting and Charles Best Canada Graduate Scholarships – Doctoral Award for PhD student Mariam Thomas. Determining commonly modulated gene targets and cellular pathways in Acute Promyelocytic Leukemia. S. Kamel-Reid [PI]. 2009-2012 \$35,000/yr.

Laboratory Sources of funding

Pfizer Canada. The Frequency of EGFRVIII Mutations in Oral Carcinoma. S. Kamel-Reid [PI], B. Perez-Ordóñez, Lillian Siu [Co-applicants]. 2009-2010 \$56,000/yr.

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.

Yarom, R. Auer, C. Law, C. Rowsell, L. Zhang [Co-I]. 2009-2010 \$128,000/yr.

Bristol-Myers Squibb Canada. CML mutation screening in Imatinib resistant patients without mutations in the ABL kinase domain. S. Kamel-Reid and J. Lipton [Co-PI]. 2010 \$106,000/yr.

Ontario Institute for Cancer Research. Molecular Genetic and Imaging Assessment of Surgical Resection Margins in Oral Carcinoma: Predictors of Recurrence and Potential Therapeutic Targets. S. Kamel-Reid [PI], M. Pintilie, J. Irish, P. Gullane, I. Jurisica, D. Goldstein, G. Zheng, B. Perez-Ordóñez, B. Wilson, R. Gilbert [Co-I]. 2008-2011 \$675,576/yr.

Ontario Institute for Cancer Research. Cost-effectiveness Analysis of Personalized Medicine: Case Studies from the Real World. J. Hoch [PI], S. Gavura, J. Hart, S. Kamel-Reid, B. Lalonde, J. Ross, C. Sawka [Co-I]. 2009-2011 \$100,000/yr.

Ontario Institute of Cancer Research. High Impact Clinical Trials Genomic Cohort Study Personalizing Medicine through Rapid, Comprehensive, Molecular Characterization and Tailored Treatment. Lead Principal Investigators: Clinical Trial Leader – L. Siu; Genomics Platform Leader – J. McPherson; Sequenom Platform Leader – S. Kamel-Reid Co-

applicants: L. Stein, S. Ghai and Princess Margaret Hospital, Ontario Cancer Institute Genomics Research Working Group, B. Neel, M. Moore, F. Shepherd, G. Liu, E. Chen, M. Tsao, D. Hedley, S. Asa, P. Shaw, M. Haider, D. Jaffray. 2010-2011 \$651,705.

Cancer Research Society. New Prognostic Markers in Mantle Cell Lymphoma. S. Kamel-Reid [PI], I. Jurisica, W. Xu, M. Crump, R. Gascoyne, D. LeBrun [Co-I]. 2010-2012 \$60,000/yr.

Ontario Institute of Cancer Research. Translational Research Team Award, A. Oza [PI] M. Tsao, S. Kamel-Reid, M. Haider, S. Ghai, M. Milosevic, E. Chen, P. Shaw, S. Boerner [Co-Applicants]. 2010-2012 \$250,000/yr

Cancer Care Ontario. Personalized Medicine with Targeted and Genome-Wide Sequencing B. Neel [PI] L. Siu, N. Onetto, S. Ghai, K. Murphy, M. Haider, D. Jaffray, P. Shaw, S. Asa, M. Tsao, S. Kamel-Reid, J. McPherson, L. Stein, I. Jurisica, M. Moore, A. Oza, F. Shepherd, N. Leighl, G. Liu, E. Chen, D. Hedley, M. Tsao, P. Bedard, M. Minden, V. Stambolic, B. Wouters, M. Reedijk, F.F. Liu, R. Bristow, S. Hotte, G. Goss, E. Winkquist [Co-Is]. 2011-2016 \$1,182,500.

Publications and presentations are listed elsewhere in this report.



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 America 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 Ralhan, 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.



**North York
Hospital
Dr. E. Gooden**

North York General Hospital is a well-respected community teaching hospital in North Toronto that provides a broad spectrum of general Otolaryngology with high volumes in pediatric surgery and endocrine surgery. The division has access to Operating Room resources five full days per week. Dr's Everton Gooden (Division Chief), David Goldfarb, Alma Smitheringale and Manish Shah provide full time Otolaryngology services. Despite the current fiscal pressures our hospital has a balanced budget this past year with a small surplus. There has been no significant impact on our ability to access Operating room resources.

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 Michaels 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 (MedEI 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.

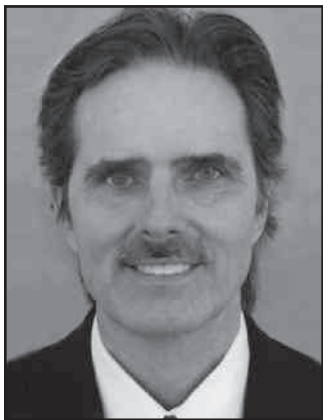
Dr. Joseph Chen and Professor Lee Bartel (Faculty of Music) are recipients of a \$150,000 technology grant (MedEI AG, Austria) in support of their work on MusicEar© to complete its final phase of clinical trial with potential for commercialization in the form of an online self administered diagnostic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



**Toronto East
General Hospital
Dr. O. Smith**

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).



**Trillium Health
Centre
Dr. F.M. de Souza**

List of Staff

Dr. F. M. de Souza, Otolaryngologist-in-Chief
Dr. J. Chen
Dr. Y. Chan
Dr. D. Lin – Courtesy
Dr. J. Mendelsohn
Dr. K. Nazarali
Dr. A. Toth
Dr. S. Vojvodich

The Faculty of Medicine at the University of Toronto has established a campus at Mississauga (University of Toronto at Mississauga, U.T.M.) offering undergraduate, postgraduate and family practice education. Fifty-four undergraduate students will begin study of medicine in the fall of 2011. A modern facility has been erected at the campus.



Mississauga Academy of Medicine

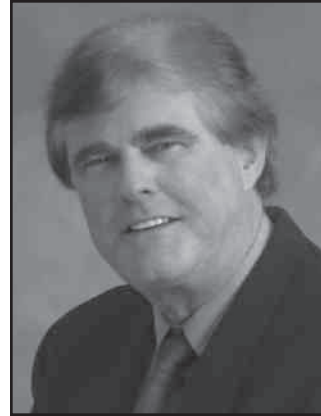
In 2008, Trillium Health Centre began affiliation with the University of Toronto. The Division of Otolaryngology – Head & Neck Surgery initiated an academic endeavour that began with a site visit in September 2008, by Drs. Gullane, Witterick and Campisi. The Division of Otolaryngology – Head & Neck Surgery at Credit Valley Hospital was invited and participated.

At Trillium Health Centre, the Division has continued the process of academic growth and development with accredited CME meetings and rounds every month.

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.

