UNIVERSITY OF MANITOBA

Department of Otolaryngology – Head and Neck Surgery

Department Head          Dr. P. Kerr
Postgraduate Director    Dr. L. Garber
Undergraduate Director   Dr. D. Sutherland
Research Director        Dr. B. Blakley
Continuing Medical Education Director Dr. R. Gall

Otolaryngologists Section Heads:

Health Sciences Centre      Dr. P. Kerr
Children’s Hospital         Dr. D. Leitao
St. Boniface General Hospital Dr. F. G. Osler
Victoria General Hospital   Dr. M. Barker

Committee Chairholders:

Executive                  Dr. P. Kerr
Postgraduate               Dr. L. Garber
Undergraduate              Dr. D. Sutherland
Continuing Medical Education Dr. R. Gall
Research                  Dr. B. Blakley
Edited by:
Dr. P. Kerr

Yvonne Groshak
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Mission Statement

The Mission of the Department of Otolaryngology – Head and Neck Surgery, Faculty of Medicine, University of Manitoba is to provide professional leadership in all aspects of Otolaryngology – Head and Neck Surgery through its teaching, research, and by providing exemplary clinical care.

Clinical Care

The clinical mission of the Department:

- Provide Manitobans with compassionate, evidence based care with the best possible clinical outcomes in the clinical areas of general otolaryngology, neurotology, pediatric otolaryngology, rhinology, communicative disorders; sleep disordered breathing, facial plastic and reconstructive surgery, and head and neck oncology.
- Play an active role in health care management and advocacy as they pertain to the specialty.
- Provide care to remote communities in Northern Manitoba and Nunavut through the Northern Medical Unit.

Education

The general educational mission of the Department:

- Provide fundamental skills and a basic understanding of otolaryngology to undergraduates, in-depth training of postgraduates, tailored education for allied health care professionals, and an environment of continuing medical education in Otolaryngology – Head and Neck Surgery.

The primary undergraduate educational goals:

- Provide fundamental knowledge and skills to medical students such that they are prepared to enter postgraduate training in the field of their choice and to introduce them to Otolaryngology – Head and Neck Surgery as a potential career.

The primary postgraduate educational goals:

- Provide residents with broadly based, in-depth training that will enable them to enter general Otolaryngologic practice, or enter advanced training in any of the Otolaryngologic subspecialties.
The Department provides a safe, collegial, academically stimulating environment for staff and trainees. Educational goals will be accomplished within the framework of the University of Manitoba, Faculty of Medicine mission statement, and the accreditation standards of the Royal College of Physicians and Surgeons of Canada.

**Research**

The research mission of the Department is to produce scientific work that improves outcomes for our patients, improves the educational process for our trainees, and improves the administration and delivery of health care.
Department Head Report

Dr. P. Kerr

Our Department has grown rapidly over the past few years. With the addition of 4 new academic surgeons and several new clinical and academic programs, including Cochlear Implantation, BAHA, Clinic for Sleep Disordered Breathing, and the Robotics and Simulation Laboratory there has been tremendous change. I’d like to extend the warmest of thanks to all my colleagues and our support staff for their outstanding efforts in accomplishing these goals! Our focus will be shifting from growth to organization and team building in the coming years.

I am proud to be able to share the following report of activities for 2010-11. Some of the highlights are:

Clinical Program

- 2010/11 brought to fruition Manitoba’s own Cochlear Implant/BAHA Program. Due to commence in fall 2011, this program is the result of an exhaustive effort by many individuals. Particular thanks to Dr. Darren Leitao, and Mr. Eric Mann for their supreme efforts in this endeavour. Darren Leitao is the Director of the CI Program. Dr. Leitao will be the primary pediatric CI surgeon; Dr. Jordan Hochman the primary adult CI surgeon; and Dr. Les Garber will manage the BAHA Program, which has already commenced.

- Dr. Adrian Gooi was recruited back to us from his 2 years of extended training. Dr. Gooi completed a mini fellowship in endoscopic surgery at Dalhousie, and a formal fellowship in Pediatric Otolaryngology at the University of Iowa. He is nearing completion of a Masters of Medical Education and has joined our department as the new Undergraduate Director. He has opened his clinical practice at the MB Clinic and hopes to do a blend of adult and pediatric Otolaryngology. A special thank you to Dr. Mark Barker for his assistance in accommodating Dr. Gooi’s practice.

Postgraduate Medical Education

- Dr. Les Garber completed his term as Postgraduate Program Director this year. He has served 6 years and steered our program successfully through several reviews over his tenure. The quality of our residents and the friendly atmosphere in the program is a reflection of Dr. Garber’s personality and how well he has related to the residents through the years – a job well done.

- Dr. Donna Sutherland will become our new Program Director at the end of the academic year. Dr. Sutherland has consistently been one of our best educators, culminating in her award as PARIM Educator of the Year in 2010-11. Congratulations Dr. Sutherland!
Undergraduate Medical Education

- Dr. Donna Sutherland’s leadership successfully guided our program through the intensive review of the University’s medical school in the spring of 2011. Dr. Sutherland is serving her last year as Undergraduate Program Director, and will be assuming the Postgraduate Directorship at the end of the academic year. The level of organization that she has imparted to the Undergraduate Program is unprecedented, and her efforts are most appreciated.

- Dr. Adrian Gooi has been appointed our new Undergraduate Director, commencing 2011-12. Dr. Gooi brings a wealth of skills to the position, both interpersonally, and with his Master’s in Education.

Research

Dr. Brian Blakley continues to serve as our Director of Research. Our primary areas of focus remain hearing loss, functional outcomes after management of H&N cancer, and robotics and simulation.

The most significant development in the department over the past year has been the establishment of the Robotics and Simulation Laboratory at the HSC under the direction of Dr. Jordan Hochman.

Again, heartfelt thanks to all of those who have helped advance the Department over the past year!
Educational Reports

Undergraduate Director Report

Dr. D. Sutherland

The Undergraduate Medical Education Programs at the University of Manitoba were granted full accreditation in 2011.

CURRENT FRAMEWORK

Medical Education in Otolaryngology- Head & Neck Surgery currently consists of:

- Pre-clerkship
  - 7 one-hour anatomy lectures plus 3 two-hour Gross lab sessions
  - 9 one-hour clinical lectures plus 1 two-hour small group tutorial (about 12 students)
- Clerkship
  - 2 days of mandatory ENT rotation
  - Option for a 2 week selective rotation

FUTURE DIRECTIONS

Otolaryngology UME

- “Education, Innovation, and Scholarship”

Proposed Development over next 3 years

Year 1

- Education: Pre-clerkship and Clerkship
- Working Group (med, resident, staff, Family Med, Emergency, Pediatrics)
- Innovation:
  - Pre-clerkship
  - iClickers, videos, clinical correlation for anatomy lectures, patient videos
  - Clerkship
  - Development of checklists, online modules, Head & Neck exam session.
  - Two 1-week mentors for selective students (plus on call resident)
- Scholarship:
  - Study on use and effectiveness of iClickers, “Needs based assessment” for objectives, How students learn.
Year 2
- Education: Clerkship
- Innovation
- Pre-clerkship: monitor iClicker experience
- Clerkship: Introduce checklists, online modules, Head & Neck exam session
- Curriculum framework/ map
- Scholarship
- Needs based assessment of objectives, use of checklists

Year 3
- Education: Clerkship
- Innovation: online modules, collaboration with CSO, iPhone apps, smartphone apps
- Scholarship: use of online modules, “Less is more”, ½ day assigned to online module use
Postgraduate Director Report

The Department of Otolaryngology-Head and Neck Surgery has had a very busy educational calendar year. Our two graduating senior residents were successful in obtaining their Royal College of Physicians and Surgeons of Canada fellowship examinations and have gone on to start their professional careers. Dr. Eric Meen is currently doing a fellowship in rhinology and skull base surgery at Northwestern University in Chicago, Illinois. Dr. Taeed Quddusi is pursuing employment in Australia as part of what is going to be the start of a very colorful career. The department welcomed two new residents July 1st. Dr. Dana Wong is from the University of British Columbia and Dr. Diana Khalil is from McMaster University.

A very successful Departmental Research Day was held on May 5th and 6th, 2011. Dr. Jeremy Freeman from the University of Toronto provided interesting presentations on:

“Shifting Paradigms in the Management of Thyroid Cancer”
And
“Current Concepts in the Management of Hyperparathyroidism”

and also acted as adjudicator for our resident research presentations. The winner of this year’s book prize was Dr. Zameel Dewji for his presentation on:

“Do Omega-3 Fatty Acids Prevent the Progression of Sensorineural Hearing Loss?”

We would like to acknowledge the efforts of Dr. F. Gigi Osler, currently the Section Head of Otolaryngology at the St. Boniface General Hospital, for her contributions to the postgraduate training program. At Dr. Osler’s suggestion, the Department of Otolaryngology staff and residents participated in High Performance Physician sessions with Cal Botterill and Jason Brooks. Dr. Osler was instrumental in organizing and overseeing a skills station for this year’s CaRMS interviews. She also initiated a resident alumni reception for our department at the 2011 annual Canadian Society of Otolaryngology-Head and Neck Surgery meeting. This was very well received and will become an annual event.

As of December 1, 2011, I will be stepping down as program director. Dr. Donna Sutherland has been appointed to this position and will be a very effective leader of the training program. I would also like to acknowledge the administrative support of Rhonda Payne who recently left us to pursue another job in postgraduate medical education in the Department of Child Health and administrative assistant, Emi Okamoto. We have been very fortunate in our selection of past and present residents. They have been and are a very cohesive, amiable, intelligent and professional group of individuals. It has been my pleasure to help them reach their goals as academic and clinical otolaryngologists.
Research Director Report

The Research Program of the Department of Otolaryngology remains strong and seems to be appreciated by the residents and faculty. The main goal of the program is to expose residents to some areas of research for the purpose of facilitating application of research findings to patient care. The focus is on translational research, incorporating some basic and clinical research that has the potential to help patients. The philosophy of internal funding is functioning efficiently and should be seriously considered in other research environments.

The most significant progress this past year has been in collaboration locally and internationally. International collaboration has resulted in two papers in high impact journals:

Dr. Jordan Hochman has been instrumental in establishing a multidisciplinary team including the Faculty of Engineering and the Department of Anatomy that is working in robotics and simulation. A new laboratory is forthcoming in 2011/2012!
Director of Continuing Professional Development Report
Two visiting professionals were invited to present to our Department from July 2010 to June 2011. In the fall of 2010, Dr. Kaveh Sjojania presented on patient safety and medical errors. In the spring of 2011, Dr. Shawn Kilty presented on the management of epistaxis. Both events were well attended and well received by our Department. The events were sponsored by funds raised by the Department through unrestricted, educational grants.

The fall of 2011 will bring a change in directorship. Dr. Richard Gall will be completing his term as director and Dr. Jodi Jones will be assuming this role.

Dr.’s Kerr and Sutherland successfully coordinated a multicentre study of microlaryngeal surgery for glottic carcinoma. This is the largest Canadian review to date.
Educational Reports

Director of Continuing Professional Development

July 1, 2010 to June 30, 2011

Two visiting professors were invited to present to our Department from July, 2010 to June, 2011. In the fall of 2010, Dr. Kaveh Sjojania, Assistant Professor of Medicine at the University of Ottawa, presented on patient safety and medical errors. In the spring of 2011, Dr. Shaun Kilty, a rhinologist from the University of Ottawa, presented on the management of epistaxis. Both events were well attended and well received by our Department. The events were sponsored by funds raised by the Department through unrestricted, educational grants.

The Department of Otolaryngology-Head & Neck Surgery Annual Research Day was held May 5 & 6, 2011. Our visiting professor was Dr. Jeremy Freeman, Program Director of the University of Toronto Head and Neck Fellowship Program. He presented on “Shifting Paradigms in the Management of Thyroid Cancer” and “Current Concepts in the Management of Hyperparathyroidism.” He was also the guest adjudicator for the Resident Research Competition.

The fall of 2011 will bring a change in directorship. Dr. Richard Gall will be completing his term as director and Dr. Jodi Jones will be assuming this role.
List of Faculty Members and Appointments

Associate Professor and Department Head
P. Kerr, BSc (Med), MD, FRCSC

Professor:
B. Blakley, MD, PhD, FRCSC

Associate Professor:
M. Mina, MD, FRCSC

Assistant Professors:
M. Barker, MD, FRCSC
L. Chan, MD, FRCSC
J. Chau, MD, MPH, FRCSC
L. DuVal, MD, FRCSC
L. Fishman, MD, FRCSC
A. Frohlich, MD, FRCSC
R. Gall, MD, FRCSC
L. Garber, MD, FRCSC
J. Hochman, MD, FRCSC
J. Jones, MD, FRCSC
D. Leitao, MD, FRCSC
H. Levin, MD, FRCSC
F. G. Osler, MD, FRCSC
R. Stillwater, MD, FRCSC
D. Sutherland, MD, FRCSC
N. Viallet, MD, FRCSC

Lecturer:
A. Varma, MD, FRCSC
List of Residents

PGY1
Trung Le
Ali Esmail

PGY2
Bella Wu

PGY3
Saad Alsaleh
Andrea Darnbrough
Zameel Dewji

PGY4
Basil Hassouneh
Magdalena Kujath
Kaiser Qureshy

PGY5
Eric Meen
Taeed Quddusi
Peer Reviewed Publications – Faculty 2010-2011

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

Dr. Brian Blakley


Blakley BW. Patients with Cochlear Implants in the OR – Issues and Concerns. Canadian Operating Room Nursing Journal. 2011; 29(3) 6-30.

Blakley BW. Decision Analysis using Decision Trees for a Simple Clinical Decision. [In press as of January 2011)

DOI: 10.1002/ebch.1821


Dr. Jason Chau


**Dr. Paul Kerr**


**Dr. Jodi Jones**

**Dr. Darren Leitao**

**Dr. Donna Sutherland**
Presentations and Posters – Faculty 2010-2011

Dr. Brian Blakley
Qureshy K, Blakley BW, Alsaleh S. Quddusi T, Berard S. Endpoints for Cisplatin Ototoxicity – Cancer Care Manitoba, April 27, 2011


Dr. Jason Chau

Dr. Jordan Hochman

Dr. Darren J. Leitao
Hassouneh, B, Guyatt G, Wong H, Leitao D. – Respiratory Complications following AdenoTonsillectomy: The “RCAT” Project. University of Manitoba, Faculty of Medicine Resident/Fellow Research Competition Scholarly Research in Otolaryngology. 1st Place Award

Leita D, Jones, Dreilich, D. – Bridging General and Specialist Care: E-referrals for Pediatric ENT Conditions. Canadian Association of Pediatric Health Centres Annual Meeting, Winnipeg, 2010
Dr. Donna Sutherland
Daranbrough, AL, Blakley BW, Sutherland, DE, Osler, FG. Female Otolaryngologists in Canada: A National Survey of Career Satisfaction and Work/Life Balance. Faculty of Medicine Resident and Fellow Research Day Annual Poster Competition, June 2011

Dr. Paul Kerr

Journal Reviewer/Editorial Board

Dr. Blakley
Associate editor; Otology section for
- Journal of Otolaryngology Head & Neck Surgery
- Otolaryngology-Head and Neck Surgery Journal
- Journal of the Canadian Society of Otolaryngology-Head & Neck Surgery
- Journal of the American Academy of Otolaryngology-Head & Neck Surgery
Editorial Board member for
- Journal of Otolaryngology Head & Neck Surgery
- Otolaryngology-Head and Neck Surgery Journal
- Otology and Neurotology
Reviewer for
- Journal of Otolaryngology Head & Neck Surgery
- Otolaryngology-Head and Neck Surgery Journal
- Otology and Neurotology
- Laryngoscope
- Kuwait Journal of Medicine
- Journal of Pharmacology and Experimental Therapeutics
- Journal of the American Association for Cancer Research
- Cell and Tissue Research
- Canadian Respiratory Journal
- Journal for Medical Decision Making

Dr. Chau
Reviewer for
- Journal of Otolaryngology Head & Neck Surgery
- The Laryngoscope

Dr. Garber
Reviewer for
- Journal of Otolaryngology Head & Neck Surgery

Dr. Hochman
Reviewer for
- Journal of Otolaryngology Head & Neck Surgery

Dr. Kerr
Reviewer for
- Journal of Otolaryngology Head & Neck Surgery
Dr. Jones
   Reviewer for
     - Journal of Otolaryngology Head & Neck Surgery

Dr. Leitao
   Reviewer for
     - PSI Foundation: Research Grant, Ontario

Dr. F. G. Osler
   Reviewer for
     - Journal of Otolaryngology Head & Neck Surgery

Dr. Sutherland
   Reviewer for
     - Journal of Otolaryngology Head & Neck Surgery

Dr. Viallet
   Reviewer for
     - Journal of Otolaryngology Head & Neck Surgery
National/International Committees and Service

Dr. B. Blakley
- Chair: Canadian section of Collegium Oto-rhino-Laryngologicum Amiticitiae Sacrum

Dr. M. Barker
- Examiner – RCPSC Otolaryngology Exam Board

Dr. A. Gooi
- UMG Executive Committee Member

Dr. P. Kerr
- Member – CSO-HNS Head and Neck Oncology Study Group
- Member – Chairs Committee – CSO Head and Neck Surgery

Dr. F. G. Osler
- Council, Canadian Society of Otolaryngology-Head and Neck Surgery
- Global Health Committee
- Continuing Professional Development Committee, CSO-HNS
- Long-range Planning Committee, CSO-HNS
- Nominations Committee, CSO-HNS

Dr. D. Sutherland
- Canadian Society of Otolaryngology-Head and Neck Surgery Undergraduate Committee
- Member – CSO-HNS Postgrad Committee

Dr. J. Jones
- Otolaryngology – Head and Neck Surgery National In-Training Exam Committee, 2010-2012
- Children’s Hospital OR Committee Representative

Dr. J. Hochman
- CSO – Head and Neck Surgery - Vestibular Working Group, 2010-present

Dr. J. Chau
- SileoMed Inc, San Jose, CA, USA Consultant, August 2010-present
- Canadian Sleep Apnea Working Group Co-Chair, Canadian Society of Otolaryngology-Head and Neck Surgery, May 2011-present
- International Sleep Surgical Society Member, June 2011-present
Awards and Honours - Faculty and Residents

Dr. Donna Sutherland
2010 Nominated: Medicine 1, University of Manitoba, Faculty of Medicine Teaching Award
2010 Nominated: Ear, Nose and Throat Medicine 1, University of Manitoba, Faculty of Medicine Most Outstanding Course Award
2010 Received: Winnipeg Regional Health Authority Teacher of the Year Award
2011 Received: PARIM’S 2010-2011 Educator of the Year Award

Dr. Jordan Hockman
Singular annual recipient for Professional and Community Engagement

Dr. Darren Leitao
2010 Nominated: Top Educator of the year by PARIM

Dr. Zameel Dewji
2011 Research Day Prize Winner, Department of Otolaryngology Resident Research Day

Dr. Andrea Darnbrough
2011 Honourable Mention for her poster, Canadian Society of Otolaryngology – Head and Neck Surgery Meeting

Dr. Basil Hassouneh
2011 Competition Winner and Overall Best in Show Award, Faculty of Medicine Resident and Fellow Research Competition

Dr. Paul Kerr
CSO-HNS: Distinguished Reviewer, J. Otolaryngology, Awarded at the Annual CSO-HNS meeting, Victoria, B A, May 2011
Department of Otolaryngology – Head & Neck Surgery
Departmental Research Day 2011

<table>
<thead>
<tr>
<th>RESIDENT</th>
<th>TITLE</th>
<th>Supervisor</th>
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<tbody>
<tr>
<td>Andrea Darnbrough</td>
<td>Female Otolaryngologists in Canada: A National Survey of Job Satisfaction and Work-Life Balance</td>
<td>Osler Sutherland</td>
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<tr>
<td>Trung Le</td>
<td>Blood Labyrinth Barrier: Can Mannitol Facilitate Entry of Ototoxic Drugs?</td>
<td>Blakley</td>
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<td>Kaiser Qureshy</td>
<td>Bi-Positional Endoscopy In Sleep Apnea Patients</td>
<td>Chan</td>
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<td>Saad Alsaleh</td>
<td>Addressing Animal model Issues in Auditory Research</td>
<td>Blakley</td>
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<td>Zam Dewji</td>
<td>Do Omega-3 Fatty acids Prevent the Progression of Sensorineural hearing loss?</td>
<td>Blakley</td>
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<td>Bella Wu</td>
<td>Does Smoking Cause Otitis Media? A Meta-Analysis?</td>
<td>Blakley</td>
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<tr>
<td>Basil Hassouneh</td>
<td>Sensorineural Hearing Loss in Children: The Manitoba Experience</td>
<td>Leitao</td>
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<tr>
<td>Basil Hassouneh</td>
<td>Respiratory Complications Following Adeno-Tonsillectomy in Children: Examination of the “Monitoring Dilemma”</td>
<td>Leitao</td>
</tr>
<tr>
<td>Mr. George Deng</td>
<td>Animal Model for Gentamicin Hearing Loss</td>
<td>Blakley</td>
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<tr>
<td>Ms. Farah Chowdhury</td>
<td>ENT-Related Complications of H1N1 Vaccination</td>
<td>Blakley</td>
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<tr>
<td>Ms. Navdeep Bhullar</td>
<td>Chondronecrosis – A Case Report</td>
<td>Kerr</td>
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Resident Presentations 2010-2011

Saad Alsaleh


Andrea Darnbrough


Zameel Dewji

“Do Omega-3 Fatty acids Prevent the Progression of Sensorineural hearing loss?” Annual Departmental Resident Research Day May 2011
Basil Hassouneh

Kaiser Qureshy

Bella Wu

Magdalena Kujath
Publications – Residents 2010-2011


Steyger, P, Blakley BW, Campbell KM, Sha S, Cunningham L. Current perspective on aminoglycoside toxicity. Journal of Infectious Disease

Visiting Professors and Invited Lectureships

Freeman, J, MD, FRCPC
Professor of Otolaryngology- Head and Neck Surgery
University of Toronto
Temmy Latner/Dynacare
Chair in Head and Neck Oncology and
Otolaryngologist-in-Chief
Mount Sinai Hospital

Freeman, J, MD, FRCPC
Kerr, P, MD, FRCSC, BScMed
Professor and Head
Department of Otolaryngology
University of Manitoba

May 6, 2011, Resident Research Day – Grand Rounds
Presentation: “Shifting Paradigms in the Management of Thyroid Cancer”

Dr. J. Chau
Sleep Apnea Surgery. Health Sciences Centre OR Nursing In-service. June 29, 2011.

Approach to a neck mass and ear disease. Med 1 Student Seminars. Faculty of Medicine, University of Manitoba, March 15, 2011.

Sleep Apnea Surgery. Manitoba Sleep Disorders Centre Staff Lecture. Faculty of Medicine, University of Manitoba, February 9, 2011.

Dr. P. Kerr
May 22-24, 2011 CSO-HNS Annual Meeting, Victoria B.C.
Invited Moderator, preferred scientific presentations in H & N Surgical Oncology
CME Presentation – Invited Professor

Shojania, K, MD, FRCPS
Director, University of Toronto Centre for Patient Safety
Canada Research Chair in Patient Safety and Quality Improvement
Associate Professor of Medicine

November 30, 2010
“Thinking About Patient Safety in Daily Practice”
Research Grants 2010-2011

Dr. Blakley

- Project: Ototoxicity Compendium.
  - Granting Agency: Manitoba Institute for Patient Safety
  - Investigators: Brian Blakley
  - Amount: $5,700.00

- Project: Hearing Device Development Support.
  - Granting Agency: White Cross Guild
  - Investigators: Brian Blakley
  - Amount: $15,000.00

Dr. Hochman

- Project: Patient Specific Rapid Prototyped Temporal Bone Models in Surgical Planning
  - Granting Agency: Manitoba Medical Service Foundation
  - Investigators: Hochman, Unger B
  - Amount: $22,500.00

- Project: Medtronic Canada Component Donation
  - Granting Agency: Medtronic Canada, Brampton, Ontario
  - Regarding: Temporal Bone Dissection Lab, Otic Drill Equipment, Provided through the Health Sciences Centre Foundation Solicited and Procured Donation
  - Amount: $40,000.00 (component value)

- Project: Quanser Consulting Inc.
  - Granting Agency: Quanser Consulting Inc., Markham, Ontario
  - Regarding: Surgical Modeling Simulation and Robotics Lab
  - Investigators: Unger B, Hochman J, Hombach-Klonisch S, Sepehri N
  - Amount: $20,000.00

- Stryker Canada Component Donation
  - Granting Agency: Stryker Canada, Hamilton, Ontario
  - Regarding: Temporal Bone Dissection Lab, Otic Drill Equipment, Provided through the Health Sciences Centre Foundation Solicited and Procured Donation
  - Amount: $36,000.00

- Surgical Modeling Simulation and Robotics Lab. 2010-ongoing
  - Health Sciences Foundation
  - Provision of Physical Lab Space

P. Kerr

- Project: Multicenter Study: Fluorescence Visualization of Early Oral Cancers.
  - Granting agency: Terry Fox Foundation.
  - Investigators: CoPI's: Dr. Catherine Poh, Dr. Scott Durham (Depts of Otolaryngology and Dentistry, UBC). Local PI: Dr. Paul Kerr.
  - Local grant allocation: $150,000(2010-2014)
D. Leitao

- Ongoing Research of Choanal Atresia: Multicenter research study.
- Project: Characterization of SNHL in MB Children.
  - Granting Agency: Winnipeg Foundation
  - Investigators: D Leitao, A Mhanni
  - Amount: $25,000
- Project: Characterization of SNHL in MB Children.
  - Granting Agency: HSC Foundation
  - Investigators: D Leitao, A Mhanni
  - Amount: $1800
Departmental Committees 2010-2011

Executive
Drs. P. Kerr (Chair), M. Barker, L. Garber, D. Leitao, F. G. Osler, D. Sutherland

Postgraduate
Dr. L. Garber (Chair), B. Blakely, D. Leitao, P. Kerr, R. Gall, Resident Rep.

Undergraduate
Dr. D. Sutherland

Continuing Medical Education
Dr. R. Gall

Research
Dr. B. Blakley

Standards
Dr. F. G. Osler, N. Viallet, R. Gall, D. Leitao

Promotions and Tenure
Dr. B. Blakley

Continuing Professional Development
Dr. B. Blakley

Residency Training Committee
Dr. B. Blakley

Health Sciences Centre Clinical Ethics Service, 2011-present
Executive Committee Surgical Modeling Simulation and Robotics Laboratory 2011-present
Dr. J. Hockman

Medical Director
Dr. D. Leitao
Cochlear Implant Program, Health Sciences Centre, Winnipeg, MB, 2011-present
Department of Otolaryngology-Head and Neck Surgery
University of Manitoba
Organizational Structure

Executive Committee
Section Head, Otolaryngology-Head & Neck Surgery
St. Boniface General Hospital

Section Head, Otolaryngology-Head & Neck Surgery
Victoria General Hospital

Section Head, Pediatric Otolaryngology-Head & Neck Surgery
Children’s Hospital

Section Head, Otolaryngology-Head & Neck Surgery
Health Sciences Centre

Postgraduate Director
Undergraduate Director