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## Department of Otolaryngology–Head & Neck Surgery

**Professor and Chair**
Dr. Ian J. Witterick

**Vice-Chair Education & Director of Postgraduate Education**
Dr. Paolo Campisi

**Assistant Program Director**
Dr. Eric Monteiro

**Director of Undergraduate Medical Education**
Dr. Allan Vescan

**Assistant Director, Pre-Clerkship**
Dr. Brad Hubbard

**Assistant Director, Post Clerkship**
Dr. John Lee

**Director of Continuing Professional Development & Liaison Community Academic Faculty**
Dr. Yvonne Chan

**Vice-Chair Research**
Dr. Alain Dabdoub

**Director, Sleep Medicine**
Dr. Raymond Ng

### Otolaryngologists-in-Chief

- **Hospital for Sick Children**
  - Dr. Blake Papsin
- **North York General Hospital**
  - Dr. Al Chiodo
- **Sinai Health**
  - Dr. Everton Gooden
- **Sunnybrook Health Sciences Centre**
  - Dr. Ian J. Witterick
- **Trillium Health Partners**
  - Dr. Danny Enepekides
- **Unity Health Toronto - St. Joseph’s Health Centre**
  - Dr. Janet Chung (Interim)
- **Unity Health Toronto - St. Michael’s Hospital**
  - Dr. Jennifer Anderson/
  - Dr. Yvonne Chan
- **University Health Network**
  - Dr. Ralph Gilbert

### Division Heads

- **Audiology**
  - Ms. Vicky Papaioannou
- **Facial Plastic and Reconstructive Surgery**
  - Dr. Andres Gantous
- **Head and Neck Oncology and Reconstructive Surgery**
  - Dr. Jonathan Irish
- **Rhinology**
  - Dr. John Lee

### Committee Chair Holders

- **Executive**
  - Dr. Ian J. Witterick
- **Undergraduate**
  - Dr. Allan Vescan
- **Residency Program**
  - Dr. Paolo Campisi
- **Continuing Professional Development**
  - Dr. Yvonne Chan
- **Research**
  - Dr. Alain Dabdoub
- **Department Appointments**
  - Dr. Kevin Higgins
- **Department Promotions**
  - Dr. Robert V. Harrison
- **Budget Advisory**
  - Dr. Ian J. Witterick
- **Community Academic Faculty**
  - Dr. Yvonne Chan
- **Advancement**
  - Dr. Patrick J. Gullane
- **Quality and Safety**
  - Dr. Danny Enepekides
Vision
International leadership in improving health through innovation, excellence and diversity in otolaryngology - head & neck surgical practice, research and education.

Mission
We prepare otolaryngology - head & neck surgical leaders, contribute to our communities, and improve health locally and globally through discovery, innovation and the equitable application and dissemination of knowledge.

Values
**Excellence** - in achieving the highest standards of scholarship, critical thinking, clinical practice and outcomes in otolaryngology - head & neck surgery

**Respect** - for the diverse ideas, rights, beliefs and perspectives of all learners, faculty, staff and communities with whom we engage

**Professionalism and Integrity** - in our conduct, manner and practice

**Equity and Inclusion** - promoting the inherent dignity of every human being and the just distribution of resources, needs and access to the benefit of society

**Collaboration** - internally through our communities of practice and externally with our partner disciplines, professions and organizations

**Accountability** - by fairness and transparency in all of our activities
## Organizational Structure

**DEAN**
Faculty of Medicine

**CHAIR**
Otolaryngology-HNS

### DIVISIONS
- Audiology
- Head & Neck Oncology and Reconstructive Surgery
- Facial Plastic & Reconstructive Surgery
- Rhinology

### COMMITTEES
- Executive
- Undergraduate Medical Education
- Residency Program
- Continuing Professional Development
- Research
- Department Appointments
- Department Promotions
- Budget Advisory
- Community Academic Faculty
- Advancement
- Quality and Safety

### HOSPITAL CHIEFS
- Hospital for Sick Children
- Michael Garron Hospital
- North York General
- Sinai Health
- Sunnybrook Health Sciences Centre
- Trillium Health Partners
- Unity Health Toronto - St. Joseph’s Health Centre
- Unity Health Toronto - St. Michael’s Hospital
- University Health Network
Chair’s Report

We completed a new strategic plan for 2021-2024 titled *Professionalism, Partnership & Equity: Transforming the Pathway to Academic Excellence*. The report is available on our website and I am indebted to the strategic planning committee for their assistance and dedicated time and energy to complete this path forward. There were 5 strategic pillars created with goals set to help guide the department over the next 3 years. The pillars are: i) Equity, Diversity & Inclusion, ii) Professionalism & Respect, iii) Education, iv) Research & Discovery and v) Partnership & Collaboration. Enabling strategies for the strategic pillars were outlined as well as implementation and measurement goals.

As part of the regular Royal College of Physicians and Surgeons of Canada (RCPSC) review process, our department underwent virtual review on November 23, 2020. The final accreditation report is exemplary and lists no weaknesses. This is the third consecutive RCPSC external review that has listed a large number of very positive aspects of our program and no weaknesses. The “Program Highlights” state the following which I think exemplifies the excellence of our PGME program:

“This is a stellar program where a culture of safety and continuous quality improvement (CQI) is an inherent part of the program and all training sites. The commitment to CQI allows rapid response to any challenges or concerns residents or other program participants may have. Residents benefit from a wide diversity of clinical exposure ranging from community practice to tertiary/quaternary care, allowing residents to experience the depth and [breadth] of the specialty. Faculty and leadership are very engaged in education. The program offers many rich and broad research opportunities leading to high scholarly output from faculty and learners. Residents also benefit from international fellowship trainees and a strong academic program with regular international visiting professors. The learning environment is positive and collegial. All of this is orchestrated by a very inspiring program director whose positive leadership is highly commended by residents and faculty; he is truly committed to education.”

We were given the highest accreditation status possible and will undergo a regular accreditation review again in 2028. Our program was cited as demonstrating a leading practice and/or innovation by the Residency Accreditation Committee based on input received from the Specialty Committee. The citation reads as:

“The University of Toronto developed the OtoSIM device and software, and its implementation in undergraduate and postgraduate education is innovative and notable.”

I was honoured to serve as President of the Canadian Society of Otolaryngology – Head & Neck Surgery (CSO-HNS) during the 74th Annual Meeting virtually held from September 26 to November 14, 2020. There were a variety of panels, paper sessions and courses with many organized by our faculty. *Lifetime Achievement Award’s* were given to Dr. Dale Brown and Dr. Julian Nedzelski.

**Faculty**

Congratulations to Dr. Jun Lin who was successful in passing her probationary review on May 12, 2021. New adjunct clinical faculty appointments were recommended for Dr. Horace Cheng at the rank of Lecturer and
Dr. Pia Pace–Asciak at the rank of Assistant Professor. New Status Only faculty appointments were recommended for Dario Coleta, Laurel Palmer and Maria Simone.

I would like to thank Dr. Robert Harrison who has been a member of our Promotions Committee for the past 35 years and has chaired this committee for more than two decades. A warm welcome to Dr. Karen Gordon as she takes over as chair of this most important committee. Dr. Alain Dabdoub continues as our departmental representative on the Decanal Promotions Committee.

Congratulations to Dr. Eric Monteiro who was promoted to Associate Professor and to Drs. Danny Enepekides, David Goldstein and Vincent Lin who were promoted to Full Professor, all effective as of July 1, 2021.

To help deliver the competency based medical education program, the department convened a selection committee of faculty, residents, fellows and university representative to hold interviews for the new position of Assistant Program Director. The Assistant Program Director is to serve as the Chair of the Competence Committee and champion new initiatives to improve the quality and quantity of resident evaluations, feedback and promotion decisions. Congratulations to Dr. Eric Monteiro who was selected to serve as the first Assistant Program Director.

After serving two terms as Otolaryngologist-in-Chief at St. Michael's Hospital/Unity Health, Dr. Jennifer Anderson has stepped down. Following an international search, Dr. Yvonne Chan was selected by a Unity Health Committee to serve as the next Otolaryngologist-in-Chief effective April 1, 2021. Thank you to Dr. Anderson for her years of service and congratulations to Dr. Yvonne Chan. Dr. Janet Chung has stepped in as the interim Chief, Division of Otolaryngology – Head & Neck Surgery (OHNS) at Trillium Health Partners.

Milestones

The most exciting news from the Faculty of Medicine was the $250 million gift from James and Louise Temerty. This is the single largest gift in Canadian history which “will support discovery, collaboration, innovation, equity and student well-being across the University of Toronto’s Faculty of Medicine and its affiliated hospital network, advancing its leadership as a global centre of excellence in human health and health care”. In gratitude for this extraordinary benefaction, the University’s Faculty of Medicine will be renamed to the Temerty Faculty of Medicine.

The University of Toronto’s stellar reputation for research and teaching places it among the top schools in the world. U of T continues to be the highest-ranked Canadian university and ranked among the top 25 universities globally in the five most closely watched international rankings: Times Higher Education World University Rankings, QS World University Rankings, Shanghai Ranking Consultancy’s Academic Ranking of World Universities, U.S. News & World Report’s Best Global Universities and National Taiwan University World University Ranking.

In Memorium

Dr. Thomas David Briant (1930–2021) passed away on April 5, 2021, peacefully at home at The Briton House with his wife beside him, after several years of declining health. Dr. Briant was a “surgeon’s surgeon” with vast experience in head & neck oncologic, endocrine, sinonasal, skull base and reconstructive procedures. He helped pioneer many approaches and techniques that we use today. He was a faculty member and Chief at St. Michael’s Hospital and Wellesley Hospital and a leader in our department and specialty.
Dr. Simon McGrail (1931-2021) passed away on May 24, 2021, at home, a few days short of his 90th birthday. Dr. McGrail was a faculty member and Chief at Wellesley Hospital for years and will be remembered by a generation of residents as a gentleman, raconteur and a person of many talents and interests. All who worked with him will likely have a fond “Simon McGrail” story.

Our deepest appreciation, prayers and thoughts go out to these two giants in our department.

**Education**

The pandemic continued to have significant impacts on all aspects of our education delivery. Medical students across the country were unable to travel outside of their home university for electives. This changed the dynamics of the CaRMS interviews which were all virtual this year.

There were significant impacts on our ability to teach undergraduate medical education with a double cohort, reduced clinical training sites and limited hands-on experience. Many community sites were unable to accept medical students and some of the core teaching hospitals took on a greater number of clinical clerks for their OHNS experience. The Pre–clerkship Foundations years had a hybrid virtual/in person curriculum. Thank you to Dr. Allan Vescan, Director of our undergraduate medical education programs, ably assisted by Dr. Brad Hubbard (pre–clerkship) and Dr. John Lee (post–clerkship) for being nimble and helping to coordinate our efforts.

Dr. Paolo Campisi continues to excel our Program Director and Vice-Chair Education. There were 28 residents and 24 clinical and research fellows enrolled in our postgraduate training programs. We welcomed six remarkable PGY1s to the department on July 1, 2020: Drs. Alexander Gabinet-Equihua, Garret Horton, Marc Levin, Justine Philetos, Ahmed Saleem and Lily Wang. Congratulations to our graduating residents, Drs. Neil Arnstead, Peter Dixon, Christopher Hong and Florence Mok. Drs. Arnstead and Dixon were awarded COHNS Fund Fellowship Grants ($25,000 each) from the CSO-HNS.

We welcomed new and returning fellows from across the globe who significantly enhanced our education and research programs. These were Drs. Michael Au (Canada), Ilyes Berania (Canada), Michael Blasco (United States), Donovan Eu (Singapore), Mirko Manojlovic Kolarski (Canada), Susannah Orzell (United States), Axel Sahovaler (Argentina), Tommaso Gualtieri (Italy), Wael Hasan (Ireland), Rodrigo Fernández Pellón García (Mexico), Ahmed Walaa Abousheleib (Egypt), Giriraj Sharma (United States), Islam Alzayadneh (Jordan), Tal Honigman (Israel), Anne-Sophie Prevost, Eran Glikson (Israel), Valerie Dahm (Austria), Justin Lui (Canada), Sasan Dabiri (Iran), Gabriela Vergara (Chile), Fatemeh Hassan Nia (Iran), Tom Brandstaetter (Israel), Priyanka Misale (India) and María Isabel Besserer Ichoa (Mexico).

The CaRMS interviews were held on March 19, 2021. We continue to have strong interest in our program and were very happy to match six remarkable medical students who will start in our program on July 1, 2021. These are Mandolin Bartling, Tian (Tanya) Chen, Elysia Grose, Ahmad Mirza, Amirpouyan (Pouyan) Namavarian and Gianluca Sampieri.

Dr. Florence Mok completed her term as Chief Resident on April 30, 2021. Thank you for your dedication and service to our residency program. Congratulations to Dr. Jennifer Siu who was elected by her peers as the Chief Resident effective May 1, 2021.

The virtual core lectures continued for our PGY2, 3 and 4 residents as well as a virtual fellowship preparation program and graduation ceremony.
Our virtual 29th Annual Percy Ireland Academic Day was another great success. We had an inspirational virtual Percy Ireland Oration by Visiting Professor, Dr. John Yoo (Dean, Schulich School of Medicine and Dentistry, Western University) titled “Mentorship, Menteeship and Committing to a Career in Surgery”. Our Guest of Honour was Dr. Peter Adamson who gave a brilliant and well received presentation titled: “An Abstract for Life –My Personal Learning Project”. On May 8, 2021, we limited the number of virtual research presentations to PGY2-4 residents and graduate students who did a spectacular job showcasing their research. Thank you to all other residents and graduate students who presented as well as their mentors.

Thank you to Drs. John de Almeida and Eric Monteiro who co-led our Journal Club which were interesting and well-attended. They are transitioning this important role over to Drs. Jun Lin and Nik Wolter.

Drs. Paolo Campisi and Vito Forte hosted the first national OtoSim™ mobile simulation session for junior residents across the country on Feb 11, 2021. We are very proud of these education innovators.

Drs. Campisi, Lin and Monteiro have taken over the Northern Ontario Outreach Program at the Sioux Lookout Meno Yan Win Health Centre from Dr. John Rutka with resident and fellow active involvement. Thank you to Dr. Rutka for his significant time and effort in running this program over many years.

We typically run multiple continuing professional development (CPD) courses throughout the year which have been curtailed because of the pandemic. Our Director of Continuing Education, Dr. Yvonne Chan ran very successful virtual programs on February 6, 2021 (Otolaryngology Update) and June 19, 2021 (Otolaryngologic Emergencies: Management Tips and Pearls). We had a large number of virtual visiting professors giving Grand Rounds throughout the academic year detailed in this report providing interesting content and perspectives on many different facets of OHNS.

Dr. Vincent Lin served as the Program Chair and Yvonne Chan as CPD/CE lead for the virtual CSO-HNS meeting held over 7 weeks in the fall of 2020. This meeting was viewed as a great success, both educationally and financially, for the CSO-HNS. Many of our faculty also continue to be involved with national and international societies in leadership roles dedicated to education and research.

Research

Our research efforts are led by Dr. Alain Dabdoub, Vice-Chair Research. The department continues to excel in research and during the 2020–2021 academic year, our faculty, residents and fellows published 217 peer-reviewed publications, 25 book chapters and 3 books. Our faculty gave 135 invited/visiting professor international lectures and 65 national lectures.

The department was able to fund two $25,000 Research Awards this year. Through a competitive peer-review process, Drs. Jun Lin and Nik Wolter were selected to each receive one of these awards.

Congratulations to Drs. Christopher Noel and Justin Cottrell who each won research prizes at the 2020 Poliquin Resident’s Research Competition as part of the CSO-HNS’s annual meeting. Dr. Amr Hamour won honourable mention for his poster. Drs. Weining Yang and Christopher Noel were awarded 2020-21 Postgraduate Research Awards from the Joseph M. West Family Memorial Fund in the Temerty Faculty of Medicine.

The PGY2 research curriculum continues to be enhanced through review and feedback and a new series of educational lectures. Dr. Christopher Noel continues his PhD in the Institute of Health Policy, Management
and Evaluation at the University of Toronto and Clinical Investigator’s Program supervised by Drs. Tony Eskander and Natalie Coburn. Dr. Justin Cottrell continues his Master’s degree through the Massachusetts Institute of Technology.

Unfortunately we were not able to have the Annual Harry Barberian Dinner this academic year. The scholarship awards arising from these dinners have been a tremendous source of research "seed funding" for our residents, fellows and junior faculty totaling more than $650,000 over the last many years.

There are numerous peer-reviewed research grants highlighted in this report but I would like to feature a $3.2M Canadian Institutes of Health Research (CIHR) grant to Dr. John de Almeida to support a phase III randomized clinical trial for lymphatic mapping to guide treatment of the neck in oropharyngeal cancer. This is the first Canadian Cancer Trials Group in head and neck to receive National Cancer Institute approval. In addition to the CIHR Grant, this approval comes with additional funding (estimated in the range of $3-4 M). Congratulations to Dr. de Almeida and his co-investigators.

Alumni

Given the pandemic, we are unable to hold our usual Alumni & Friends Dinner or alumni events at national and international OHNS meetings. Hopefully this can return when the pandemic settles.

Awards

Congratulations to all of our award winners detailed in this report. Some of the highlights include:

- The Distinguished Alumnus Award was awarded to Dr. David Goldfarb in recognition of having demonstrated an exceptional commitment and dedication to the practice and teaching of otolaryngology–head & neck surgery and whose professional ethical standards have been of the highest order.

- Dr. Danny Enepekides was the recipient of the Dr. William Dixon Sunnybrook Surgical Teaching Award, as a result of outstanding nomination letters from our residents.

- Dr. Karen Gordon was reappointed for a second 5-year term as the Cochlear Americas Chair in Auditory Development at The Hospital for Sick Children.

- Dr. Everton Gooden was the recipient of the 2021 Award for Excellence in Community-Based Teaching (Community Hospital) for extraordinary teaching at a community hospital recognizing his exemplary teaching skills, demonstrated ability to stimulate learners to think critically, analytically and independently, and commitment to the enhancement of the learner experience.

- Congratulations to our Education Coordinator, Andrea Donovan, for being selected as the winner of the 2021 Positive Achievement and Appreciation Certificate for QI/Innovation.

Administration

Our exceptional administrative team continues to work remotely: i) Safia Amin, Events and CBD Administrative Assistant, ii) Andrea Donovan, Education Co-ordinator, iii) Sonia Valente, Executive Assistant to the Chair and iv) Audrea Martin, Business Officer. A big thank you to all of them for keeping our university department running smoothly under less than ideal conditions.
Summary

Despite adverse conditions, our education and research endeavours continue to excel. Our department runs on the goodwill, tenacity and hard work of so many. I am indebted to our residents, fellows, faculty and administrative staff for their willingness to adjust to changing conditions in our clinical and academic lives. I am inspired by our department’s co-operation and motivation to adapt and go “above and beyond”. I look forward to the year ahead with optimism.

Respectfully submitted,

Ian Witterick MD
faculty
**Faculty Members**

*Newest appointments denoted with an asterisk (*)*

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

### Professors Emeriti:
- S.M. Abel, PhD
- P.W. Alberti, MB, PhD, FRCS, FACS
- B.D. Birt, MB, FRCS, FACS
- W.S. Crysdale, MD, FRCSC
- M.J. Davidson, MD, MSc, FRCS
- R.S. Fenton, MB, FRCSC, FACS
- J. Friedberg, MD, FRCS
- W.M. Hawke, MD, FRCS
- M.L. Hyde, PhD
- J.M. Nedzelski, OOnt, MD, FRCS

### Professors:
- P.A. Adamson, OOnt, MD, FRCS, FACS
- D.H. Brown, MB, FRCS
- P. Campisi, MD, MSc, FRCS
- J.M. Chen, MD, FRCS
- D. Chepeha, MD, MScPH, FACS, FRCSC
- D.A.F. Ellis, MD, FRCS, FACS
- V. Forte, MD, FRCS
- J.L. Freeman, MD, FRCS, FACS
- R.W. Gilbert, MD, FRCS
- K. Gordon, PhD, CCC-A, Reg. CASLPO
- P.J. Gullane, CM, OOnt, MB, FRCS, FACS, Hon-FRACS, Hon-FCRCSI
- R.V. Harrison, PhD, DSc
- J.C. Irish, MD, MSc, FRCS, FACS
- A. James, MB, FRCS, FRCS
- B.C. Papsin, MD, MSc, FRCS
- J.A. Rutka, MD, FRCS
- D. Enepekides, MD, MPH, FRCS
- A.M. Gantous, MD, FRCS
- D. Goldstein, MD, MSc, FRCS
- K. Higgins, MD, MSc, FRCS
- J. Lee, MD, MSc, FRCS
- V. Lin, MD, FRCS
- V. Papaioannou, MCISc
- E.J. Propst, MD, MSc, FRCS
- M. Zirkle, MD, MEd, FRCS

### Assistant Professors:
- S. Anand, MD, MSc, BArtsSc (Hon), FRCS
- M.G. Brandt, BSc, MD, FRCS
- A. Eskander, MD, ScM, FRCS
- R. Fox, MD, FRCS
- D. Goldfarb, MD, FRCS
- E. Gooden, MD, FRCS
- J. Halik, MD, FRCS
- T. Holler, MD, MSc, FRCS
- R.L. Josephson, MD, PhD, FRCS
- J. Kolenda, MD, FRCS
- T. Le, MD, PhD, FRCS
- A. Lee, MD, MSc, CCFP(EM), FRCS
- R.J. Lin, MD, MSc, FRCS
- E.A. Monteiro, BSc, MD, MSc, FRCS
- R. Mounsey, MD, FRCS, FACS
- R. H.W. Ng, BSc, MD, PhD, FRCS
- M. Shah, MD, MPhil, FRCS
- J. Shahin, MD, FRCS
- D.B. Shipp, MA
- P. Singh, MD, MSc, FRCS
- O. Smith, MD, FRCS
- P. Solomon, MD, FRCS
- A. Vescan, MD, MSc, FRCS
- J. Werger, MD, FRCS
- M. Wolter, MD, MSc, FRCS

### Associate Professors:
- J. Anderson, MD, MSc, FRCS
- Y. Chan, MD, MSc, FRCS, HBSc
- J.S. Chapnik, MD, FRCS
- A. Chiodo, MD, FRCS
- K. Conrad, MD, FRCS, FACS
- S. Cushing, MD, MSc, FRCS
- A. Dabdoub, PhD
- J. de Almeida, MD, MSc, FRCS
- A. Dimitrijevic, PhD
- A. Dabdoub, PhD
- J. de Almeida, MD, MSc, FRCS
- A. Dimitrijevic, PhD

### Lecturers:
- J. Adamonis, MCISc
- A. Alexander, MD, BSc, FRCS
- J. Asaria, MD, BSc, FRCS
- J. Atlas, MD, BSc, FRCS
- S. Banglawala, MD, BSc, MPH, FRCS
- G. Beard, MD, FRCS
- G. Belchetz, MD, BSc, FRCS
- M. Brace, MD, BSc, MSc, FRCS
Cross-Appointed Faculty

Professors:

- S. Blaser, MD, FRCSC, Medical Imaging
- G. Bradley, DDS, MSc, Faculty of Dentistry
- F. Gentili, MD, FRCS, FACS, Surgery
- F-F. Liu, MD, FRCP, Radiation Oncology
- R. Martino, MD, MA, PhD, Speech Language Pathology
- B. O’Sullivan, MB Bch BAo, FRCPc, Radiation Oncology
- J. Ringash, MD, MSc, FRCPc, Radiation Oncology
- L.E. Rotstein, MD, FRCS, Surgery
- A.M-F. Wong, MD, PhD, FRCS, FAO, Ophthalmology & Vision Sciences
- E. Yu, MD, RCPC, ABR, Medical Imaging
- G. Zadeh, MD, PhD, FRCS, Surgery

Associate Professors:

- E.S. Bartlett, MPH, MD, Medical Imaging
- J. Lazor, RPh, BScPhm, MScPhm, EdD, FRSHP, Dept of Family & Community Medicine
- B.Y. Ngan, PhD, MD, FRCPc, Laboratory Medicine & Pathobiology
- B. Perez-Ordoñez, MD, FRCPc, Laboratory Medicine & Pathobiology
- S. Symons, BASc, MPH, MD, FRPC, Medical Imaging
- J. Waldron, MD, MSc, FRPC, Radiation Oncology

Assistant Professors:

- J. Allegro, MSc, Speech Language Pathology
- J. Huber, MScA, SLPC, PhD, MD, FRPC, Pediatrics
- S. Laughlin, BSc, MD, FRPC, RCPSO, ACR, Medical Imaging

Lecturers:

- D. Parker, MSc, Speech Language Pathology

Administrative Staff:

- Safia Amin, Events Coordinator
- Andrea Donovan, Postgraduate/Undergraduate Administrator
- Aurea Martin, Business Officer
- Sonia Valente, Chair’s Assistant/Department Executive Assistant
### Honours and Awards

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
<th>Award Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHAN, Y</td>
<td>2021</td>
<td>Better Together Award, Trillium Health Partners. <em>In recognition of service during the COVID-19 pandemic.</em></td>
</tr>
<tr>
<td>CHEPEHA, D</td>
<td>2020</td>
<td>Research Award. John W. Senders Award for Best Design, Faculty of Engineering, University of Toronto. Electropalatography with Programmable Integrated Circuits for Speech Rehabilitation (EPIC Speech).</td>
</tr>
<tr>
<td>FREEMAN, J</td>
<td></td>
<td>Mount Sinai Hospital honoured Dr. Freeman for his years of dedicated service by establishing and endowing “The Jeremy Freeman Chair in Surgical Oncology” for the 100th anniversary of the founding of the hospital.</td>
</tr>
<tr>
<td>GOODEN, E</td>
<td>2021</td>
<td>Excellence in Community-Based Teaching Award (Community Hospital). Temerty Faculty of Medicine, University of Toronto.</td>
</tr>
<tr>
<td>HAZEN, M</td>
<td>2020</td>
<td>Certificate of Recognition for Clinical Education. The Hospital for Sick Children.</td>
</tr>
<tr>
<td></td>
<td>2020</td>
<td>Certificate of Recognition for Innovation. The Hospital for Sick Children.</td>
</tr>
<tr>
<td>WONG, A</td>
<td>2021</td>
<td>TORIC Top 5 Teacher Award. Department of Ophthalmology and Vision Sciences, University of Toronto (Postgraduate MD).</td>
</tr>
</tbody>
</table>
## Leadership Activities

<table>
<thead>
<tr>
<th><strong>ADAMSON, P</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>2021-present</td>
<td>Senior Advisor. International Federation of Facial Plastic Surgery Societies.</td>
</tr>
<tr>
<td>2019-present</td>
<td>Senior Advisor. Facial Reconstructive Cosmetic Surgery India Trust.</td>
</tr>
<tr>
<td>1996-present</td>
<td>President and Founder. Face the Future Foundation.</td>
</tr>
</tbody>
</table>

### American Academy of Facial Plastic and Reconstructive Surgery

2002-present | Member. Howard W. Smith MD Legacy Society. |
2007-present | Member. Ethics Committee. |
2016-present | Mentor. AAFPRS Practitioner’s Program. |
2019-present | Member. President’s Ad Hoc Committee for Rhinoplasty Strategic Planning. |

### American Board of Facial Plastic and Reconstructive Surgery

1989-present | Board Examiner. Responsibilities include New Examiner Training and Instructor for Candidates and Examiners in Examination Protocols (2-day annual examinations). |
2003-present | Senior Advisor, Board of Directors. |
2003-present | Senior Examiner. |
2016-present | Trustee. The ABFPRS Diplomate Society. |

### European Board for Certification in Facial Plastic and Reconstructive Surgery

2012-present | Senior Advisor. |
2012-present | Senior Examiner. |

### International Board for Certification in Facial Plastic and Reconstructive Surgery

2012-present | President. |

### Archives of Facial Plastic Surgery/JAMA Facial Plastic Surgery/Facial Plastic Surgery and Aesthetic Medicine


### Facial Plastic Surgery Clinics Advisory Board

2011-2020 | Advisor. |

<table>
<thead>
<tr>
<th><strong>ANDERSON, J</strong></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>St. Michael's Hospital</strong></td>
<td></td>
</tr>
<tr>
<td>2019-present</td>
<td>Member. Perioperative Program Cabinet.</td>
</tr>
</tbody>
</table>
2019-present  Member. Kidney & Metabolism Program Executive Council.
2017-present  Member. Corporation MAC St. Michael’s/St. Joseph’s/Providence Health.
2016-present  Member. Unity Health Senior Leadership Team.
2009-present  Chair. Multidisciplinary Cancer Conference/Tumour Board Rounds, Department of Otolaryngology-Head & Neck Surgery, Faculty of Medicine.
2009-present  Internal Grant Reviewer. St. Michael’s Hospital Innovation AFP Grants.
2008-2021  Chief. Department of Otolaryngology-Head & Neck Surgery, Unity Health Toronto - St. Michael’s Hospital.
2005-2021  Member. Medical Advisory Committee.
2003-present  Executive Member. Alternate Funding Plan Management Executive Committee.

BRADLEY, G

Editorial Boards
2018-2021  Head and Neck Pathology.
2016-present  Oral Diseases.
2014-present  Oral & Maxillofacial Pathology Section.

BRANDT, M

CAMPISI, P

International Federation of ORL Specialties

Canadian Society of Otolaryngology-Head & Neck Surgery
2018-present  Historian.
2012-present  Chair. Pediatric Otolaryngology Study Group.
2016-present  Chair. Program Directors Committee.
2013-present  Member. Fellowship Committee.

Royal College of Physicians and Surgeons of Canada
2012-present  Member. Otolaryngology-Head & Neck Surgery Specialty Committee.
2012-present  Member. Otolaryngology-Head & Neck Surgery Examination Board.

University of Toronto
2020-present  Member. Faculty Council Executive Committee.
2020-present  Departmental Representative. Faculty Council.
2019-present  Member. BPEA Committee.
2018-present  Chair. BPEA Working Group on CBME IT Systems Useability.
2018-present  Hospital for Sick Children Representative. Clinical Faculty Academic Clinical Tribunal.
2018-2021   Member. Simulation Education Advisory Committee.
2017-present  Member. PGME Internal Review Committee.
2017-present  Member. Vice Chairs Education Committee.
2012-present  Member. Postgraduate Medical Education Advisory Committee.
2012-present  Member. Foundations of Surgery Committee.

**Manuscript Reviewer**

2010-present  Journal of Pediatric Hematology/Oncology.
2009-present  The Pediatric Infectious Disease Journal.
2006-present  JAMA Otolaryngology Head & Neck Surgery.
2005-present  The Laryngoscope.
2004-present  Paediatrics and Child Health.

**CHAN, Y**

2021-present  Associate Editor. Ear, Nose & Throat Journal.
2021-present  Chief. Department of Otolaryngology-Head & Neck Surgery, Unity Health Toronto – St. Michael Hospital.
2019-present  Member. Diversity Advisory Council, Temerty Faculty of Medicine, University of Toronto.
2017-present  Member. Royal College of Physicians and Surgeons of Canada Regional Advisory Committee 3.
2012-present  Member. CPD Directors and Leaders Committee, Temerty Faculty of Medicine, University of Toronto.
2010-present  Associate Consulting Editor. Plural Publishing Inc.

**American Academy of Otolaryngology Head and Neck Surgery**

2015-present  Member. Rhinology and Allergy Education Committee.
2015-present  Member. Rhinology and Paranasal Sinus Committee.

**American Rhinologic Society**

2020  Nominated for Chair, Women in Rhinology Section.
2019-present  Member. Women in Rhinology Section Program Committee.
2015-present  Member. Continuing Medical Education Committee.

**Canadian Society of Otolaryngology-Head & Neck Surgery**

2019-present  Leadership and Mentorship Representative. Women in Otolaryngology Section.
2018-present  Chair. Continuing Professional Development Committee.
2018-present  Member. Women in Otolaryngology Section.

**Ontario Medical Association**

2020-present  Member, z296 Working Group.
2018-present  Tariff Chair. Otolaryngology-Head & Neck Surgery Section.
### Manuscript Reviewer

<table>
<thead>
<tr>
<th>Year</th>
<th>Journal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-present</td>
<td>The Laryngoscope.</td>
</tr>
<tr>
<td>2014-present</td>
<td>International Forum of Rhinology &amp; Allergy.</td>
</tr>
</tbody>
</table>

### CHANG, M

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
</tr>
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<tbody>
<tr>
<td>2010-present</td>
<td>Cancer Care Ontario Program – RVHS: Lead for Thyroid Cancer.</td>
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</table>

### Scarborough Health Network

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
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<tbody>
<tr>
<td>2018-2020</td>
<td>Division Head. Otolaryngology-Head &amp; Neck Surgery, Centenary Hospital.</td>
</tr>
<tr>
<td>2020-present</td>
<td>Corporate Chief of Otolaryngology-Head &amp; Neck Surgery.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Member. Medical Education Committee.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Member. Credentials Committee.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Otolaryngology Representative for Surgical Program Executive Committee, Centenary Hospital.</td>
</tr>
<tr>
<td>2014-present</td>
<td>Chair. Combined Humber River Hospital and Scarborough Health Network Multidisciplinary Thyroid Cancer Conference.</td>
</tr>
</tbody>
</table>

### CHEN, J

### Canadian Acoustic Neuroma Society

<table>
<thead>
<tr>
<th>Year</th>
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<tbody>
<tr>
<td>2003-present</td>
<td>Advisor/Medical Consultant.</td>
</tr>
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</table>

### Ontario Cochlear Implantation Program

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
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<tbody>
<tr>
<td>1993-present</td>
<td>Member.</td>
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</table>

### Ministry of Health & Toronto Central LIHN

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
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<tbody>
<tr>
<td>2012-present</td>
<td>Provincial Coordinator. Ontario Cochlear Implant Program, Patient and Public Education.</td>
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### Sunnybrook and Women’s College Health Sciences Centre

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
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<tbody>
<tr>
<td>1994-present</td>
<td>Member. SHUTC Board of Directors.</td>
</tr>
<tr>
<td>1992-present</td>
<td>Member. Skull Base Tumour Board.</td>
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</table>

### Sunnybrook Health Sciences Centre

<table>
<thead>
<tr>
<th>Year</th>
<th>Activity</th>
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<tbody>
<tr>
<td>2007-present</td>
<td>Member. Medical Advisory Committee.</td>
</tr>
<tr>
<td>2007-present</td>
<td>Member. Senior Medical Council.</td>
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<tr>
<td>2007-present</td>
<td>Member. OR Management Committee.</td>
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### Manuscript Reviewer

<table>
<thead>
<tr>
<th>Year</th>
<th>Journal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010-present</td>
<td>Otology &amp; Neurotology.</td>
</tr>
<tr>
<td>2009-present</td>
<td>The Laryngoscope.</td>
</tr>
<tr>
<td>CHEPEHA, D</td>
<td>NIH-NCI Head and Neck Steering Committee</td>
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<tr>
<td>------------</td>
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<tr>
<td></td>
<td>2020-present Member. Previously Untreated Locally Advanced Task Force.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NRG Oncology</th>
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<tbody>
<tr>
<td>2019-present Member. NRG Sentinel Node Quality Committee.</td>
</tr>
<tr>
<td>2016-present Member. NRG Oncology Head and Neck Cancer General Committee.</td>
</tr>
<tr>
<td>2016-present Member. NRG Head &amp; Neck Surgical Subcommittee.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Ohlson Research Initiative</th>
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<tbody>
<tr>
<td>2012-present External Scientific Advisory Board Member. Scientific Advisory Board, Ohlson Research Institute, University of Calgary.</td>
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<table>
<thead>
<tr>
<th>American Head and Neck Society</th>
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<tbody>
<tr>
<td>2018-present Member. Scientific Review Committee.</td>
</tr>
<tr>
<td>2018-present Member. Head and Neck Reconstruction Committee.</td>
</tr>
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<table>
<thead>
<tr>
<th>Canadian Society of Otolaryngology-Head &amp; Neck Surgery</th>
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<tbody>
<tr>
<td>2019-present Member. International Federation of ORL Societies.</td>
</tr>
<tr>
<td>2016-present Member. Canadian Association of Head and Neck Surgical Oncology.</td>
</tr>
<tr>
<td>2016-present Member. Scientific Program Committee.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>CHIODO, A</th>
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<tbody>
<tr>
<td>Michael Garron Hospital</td>
</tr>
<tr>
<td>2020 Member, Search Committee for Chief of Surgery.</td>
</tr>
<tr>
<td>2012-2021 Member. Medical Advisory Committee.</td>
</tr>
<tr>
<td>2012-2021 Member. Credentials Committee.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>CHUNG, J</th>
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<tbody>
<tr>
<td>2021-present Interim Chief. Division of Otolaryngology-Head &amp; Neck Surgery, Trillium Health Partners.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>CUSHING, S</th>
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<tbody>
<tr>
<td>2021-present Program Committee: SENTAC Meeting. 2021. Phoenix, AZ.</td>
</tr>
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<table>
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<tr>
<th>American Society of Pediatric Otolaryngology</th>
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</thead>
<tbody>
<tr>
<td>2020-2021 Program Committee Chair.</td>
</tr>
<tr>
<td>2018-2021 Program Committee.</td>
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<table>
<thead>
<tr>
<th>Associate or Section Editing</th>
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</thead>
<tbody>
<tr>
<td>2021-present International Journal of Pediatric Otorhinolaryngology.</td>
</tr>
<tr>
<td>2016-present Frontiers in Otorhinolaryngology-Head and Neck Surgery.</td>
</tr>
</tbody>
</table>
Hospital for Sick Children
2019-present Member. Peer Review Committee.

Editorial Boards
2010-present Otology & Neurotology.

Manuscript Reviewer
2021-present BMC-Pediatrics.
2020-present Behavioral Sciences.
2018-present Archives of Otolaryngology and Rhinology.
2018-present International Journal of Neurological Disorders.
2018-present JAMA Otolaryngology-Head & Neck Surgery.
2017-present Clinical Genetics.
2017-present International Archives of Otorhinolaryngology.
2016-present Neural Plasticity.
2015-present Audiology and Neurotology.
2015-present Croatian Review of Rehabilitation Research.
2015-present European Archives of Oto-Rhino-Laryngology.
2015-present Otolaryngology-Head and Neck Surgery.
2013-present Cochlear Implants International.
2013-present Ear and Hearing.
2013-present The Laryngoscope.
2012-present Annals of Otology, Rhinology, & Laryngology.
2012-present PLoS ONE.

DABDOUB, A
2019-present Vice-Chair, Research, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, University of Toronto.
2019-2021 Member. Decanal Promotions Committee, Temerty Faculty of Medicine, University of Toronto.
2018-present Member. Diversity and Minority Affairs Committee, Association for Research in Otolaryngology.
2017-present Member. Ontario Institute for Regenerative Medicine.
2017-present  Member. Faculty Mentorship Committee, Department of Laboratory Medicine and Pathobiology, University of Toronto.

2011-present  Member. Hearing Restoration Project Consortium, Hearing Health Foundation.

DE ALMEIDA, J

2021-present  Clinical Informaticist. EPIC Health Information System MD Champion, University Health Network.

2020-present  Member. Health Information System MD Champion, University Health Network.

2020-present  Member. Surgical Sub-committee. Head and Neck Cancer International Group.

2020-present  Reviewer. Canadian Institute for Health Research.

2020-present  Member, American Head and Neck Society Skull Base Section Committee.


2019-present  Member. Value and Quality Committee, American Head and Neck Society.

2019-present  Surgical Co-chair. HEADSTART Collaborative, Head and Neck Clinical Trials Cooperative Group.

2019-present  Member. Canadian Cancer Trials Group Disease Site Committee Centre.

2018-present  Member. Cost, Quality and Outcomes Committee, University Health Network.

2018-present  Head of Divisional Research. Division of Head and Neck Oncology and Reconstructive Surgery, Department of Otolaryngology-Head & Neck Surgery.


2018-present  Review of ICES database for province-wide robotic surgery data.


2017-present  Member. Collaborative Research Initiative, Canadian Society of Otolaryngology Head & Neck Surgery.

2017-2021  Co-director. Journal Club, Department of Otolaryngology Head and Neck Surgery, University of Toronto.

2017-present  Member. Skull Base Symposium Organizing Committee. University of Toronto Diagnostic Neuroradiology Fellowship Program.


2015-present  Member. Value Based Care Committee, North American Skull Base Society.

2015-present  Cancer Care Ontario-Disease Pathway Management for Oropharynx Cancer.


2013-present  Director. Skull Base Tumour Board, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

**Manuscript Reviewer**

2018-present  Journal of Surgical Oncology.

2018-present  Journal of the National Cancer Institute.

2016-present  International Journal of Cancer.


2014-present  Cancer.

2012-present  Head & Neck.

2009-present  The Laryngoscope.
<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Years</th>
<th>Organization/Role</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Member. Faculty Council, Temerty Faculty of Medicine, University of Toronto.</td>
<td>2019-present</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chief. Department of Otolaryngology-Head &amp; Neck Surgery, Sunnybrook Health Sciences Centre.</td>
<td>2018-present</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Regional Lead (Toronto Central North), Surgical Oncology. Cancer Care Ontario/Ontario Health.</td>
<td>2014-present</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chief. Division of Surgical Oncology, Odette Cancer Centre, Sunnybrook Health Sciences Centre.</td>
<td>2014-present</td>
<td></td>
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<tr>
<td></td>
<td>Member. Advanced Training Council Committee, American Head and Neck Society.</td>
<td>2011-present</td>
<td></td>
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<tr>
<td></td>
<td>Manuscript Reviewer</td>
<td></td>
<td>JAMA Otolaryngology-Head &amp; Neck Surgery.</td>
</tr>
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<td></td>
<td></td>
<td>2013-present</td>
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</tr>
<tr>
<td></td>
<td></td>
<td>2002-present</td>
<td>Otolaryngology-Head and Neck Surgery.</td>
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<tr>
<td></td>
<td></td>
<td>2002-present</td>
<td>The Laryngoscope.</td>
</tr>
<tr>
<td></td>
<td>Member. Odette Cancer Centre Palliative Care Advisory Committee.</td>
<td>2018-present</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Member. Publications and Awards Service-American Head and Neck Society.</td>
<td>2018-2021</td>
<td></td>
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<tr>
<td></td>
<td>Member. Head &amp; Neck Surgery Education Committee-American Academy of Otolaryngology.</td>
<td>2018-2020</td>
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<tr>
<td></td>
<td>Member. Patient and Public Education Committee-American Head and Neck Society.</td>
<td>2017-2021</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Journal and Grant Reviewer</td>
<td></td>
<td>American Academy of Otolaryngology, Head and Neck Sub-Committee Centralized Otolaryngology Research Efforts (CORE) Grant Committee Reviewer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2018-present</td>
<td></td>
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<td></td>
<td></td>
<td>2018-present</td>
<td>CMAJ.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2018-present</td>
<td>Current Oncology.</td>
</tr>
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<td></td>
<td></td>
<td>2017-present</td>
<td>Head &amp; Neck-Endocrine Section.</td>
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<tr>
<td></td>
<td></td>
<td>2017-present</td>
<td>PLoS ONE.</td>
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<tr>
<td></td>
<td></td>
<td>2016-present</td>
<td>British Journal of Cancer.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2016-present</td>
<td>Journal of Otolaryngology-Head &amp; Neck Surgery (Head and Neck Oncology).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2016-present</td>
<td>Oral Oncology.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2019-present</td>
<td>Member, Editorial Boards, PLoS ONE (Academic Editor).</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2018-present</td>
<td>Member, Editorial Boards. Oral Oncology.</td>
</tr>
<tr>
<td>FALLS, C</td>
<td>Member. Clinical Learner Education Committee, University Health Network.</td>
<td>2015-present</td>
<td>University Health Network.</td>
</tr>
<tr>
<td></td>
<td>Member. Professional Advisory Committee, University Health Network.</td>
<td>2015-present</td>
<td></td>
</tr>
<tr>
<td>GANTOUS, A</td>
<td>Secretary. International Board of Facial Plastic and Reconstructive Surgery Societies.</td>
<td>2021-present</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Head. Division of Facial Plastic and Reconstructive Surgery. Department of Otolaryngology-Head &amp; Neck Surgery.</td>
<td>2019-present</td>
<td>Temerty Faculty of Medicine, University of Toronto.</td>
</tr>
<tr>
<td>Year</td>
<td>Position</td>
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<td>--------------</td>
<td>--------------------------------------------------------------------------</td>
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<td></td>
</tr>
<tr>
<td>1991-present</td>
<td>Member. Practice Guidelines Initiative, Provincial Head and Neck Cancer Disease Site Group, Cancer Care Ontario.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001-present</td>
<td>Member. Management Council, Department of Surgical Oncology, Princess Margaret Hospital.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2003-present</td>
<td>Member. Planning Committee, Annual Wharton/Elia Day, with the Sullivan Lecturer, Department of Otolaryngology-Head &amp; Neck Surgery, Princess Margaret Hospital.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009-present</td>
<td>Member. Board of Trustees, University Health Network.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012-present</td>
<td>Chief. Department of Otolaryngology-Head &amp; Neck Surgery, University Health Network.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2016-present</td>
<td>OR Utilization Committee. Lakeridge Health.</td>
<td></td>
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</tr>
<tr>
<td>2017-2020</td>
<td>Member. Executive Committee, The Oshawa Clinic Group.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-present</td>
<td>Treasurer. Canadian Association of Head and Neck Surgical Oncology.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-present</td>
<td>Lead. Endocrine Disease Site. Princess Margaret Cancer Centre, University Health Network.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-present</td>
<td>Site Lead. Endocrine Disease Site. Princess Margaret Cancer Centre, University Health Network.</td>
<td></td>
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</tr>
<tr>
<td>2018-present</td>
<td>Member. Princess Margaret Cancer Centre Operating Room Operations and Quality Committee.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-present</td>
<td>Project Director/Lead. Development of Head and Neck Surgical Anthology of Clinical and Functional Outcomes Database.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019-present</td>
<td>Lead. Data and Clinical Trials Committee, Head and Neck Disease Site, Princess Margaret Cancer Centre.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019-present</td>
<td>Surgical Oncology Representative. Operating Room and Business Planning Committee.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2019-present</td>
<td>Lead. Head and Neck Surgical Oncology Robertson Foundation Clinical Trials Program, Department of Otolaryngology-Head and Neck Surgery, University Health Network.</td>
<td></td>
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</tr>
<tr>
<td>2019-present</td>
<td>Editorial Board. ENT Today, publication of the Triologic Society.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012-present</td>
<td>Chief. Department of Otolaryngology-Head &amp; Neck Surgery, University Health Network.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2009-present</td>
<td>Member. Board of Trustees, University Health Network.</td>
<td></td>
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</tr>
<tr>
<td>2003-present</td>
<td>Member. Planning Committee, Annual Wharton/Elia Day, with the Sullivan Lecturer, Department of Otolaryngology-Head &amp; Neck Surgery, Princess Margaret Hospital.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2001-present</td>
<td>Member. Head and Neck Site Group, National Cancer Institute of Canada.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GEVORGYAN, A</td>
<td>Delegate. District 6 Riding Durham County, Ontario Medical Association.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Secretary-Treasurer and Vice Chair. Section on Otolaryngology-Head &amp; Neck Surgery, Ontario Medical Association.</td>
<td></td>
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</tr>
<tr>
<td>2018-present</td>
<td>Treasurer. International Board of Facial Plastic and Reconstructive Surgery Societies.</td>
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<tr>
<td>2018-present</td>
<td>Treasurer. International Board of Facial Plastic and Reconstructive Surgery Societies.</td>
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<tr>
<td>2018-present</td>
<td>Treasurer. International Board of Facial Plastic and Reconstructive Surgery Societies.</td>
<td></td>
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<tr>
<td>2018-present</td>
<td>Secretary-Treasurer and Vice Chair. Section on Otolaryngology-Head &amp; Neck Surgery, Ontario Medical Association.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-present</td>
<td>Head. Division of Otolaryngology-Head and Neck Surgery, Department of Surgery, Lakeridge Health Corporation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2018-present</td>
<td>Member. Department of Surgery Executive, Lakeridge Health.</td>
<td></td>
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<tr>
<td>2018-present</td>
<td>Member. Editorial Board. Rhinology Online.</td>
<td></td>
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<tr>
<td>2016-present</td>
<td>OR Utilization Committee. Lakeridge Health.</td>
<td></td>
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</tr>
<tr>
<td>2015-present</td>
<td>Editorial Board Member. Rhinology.</td>
<td></td>
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<tr>
<td>2015-present</td>
<td>Reviewer. Allergy.</td>
<td></td>
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</tr>
<tr>
<td>2016-present</td>
<td>Member. OR Utilization Committee. Lakeridge Health.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012-present</td>
<td>Reviewer. Rhinology.</td>
<td></td>
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<tr>
<td>Year-Range</td>
<td>Position</td>
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</tr>
<tr>
<td>2016-present</td>
<td>Head &amp; Neck Surgery Representative. Melanoma Disease Site Group.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2014-present</td>
<td>Member. Departmental Research Committee, Faculty of Medicine, Department of Otolaryngology-Head &amp; Neck Surgery, University of Toronto.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010-present</td>
<td>Research Director. Department of Otolaryngology-Head &amp; Neck Surgery, University Health Network.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1998-present</td>
<td>Member. Cancer Registry and Staging Committee, Princess Margaret Cancer Centre.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**American Head and Neck Society**

<table>
<thead>
<tr>
<th>Year-Range</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>2019-present</td>
<td>Co-representative to the Latin American Thyroid Society on behalf of the Endocrine Section.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Member. Website Committee.</td>
</tr>
<tr>
<td>2016-present</td>
<td>Member. Committee for the Endocrine Section.</td>
</tr>
<tr>
<td>2015-present</td>
<td>Member. Publications Committee.</td>
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</tbody>
</table>

**Manuscript Reviewer**

<table>
<thead>
<tr>
<th>Year-Range</th>
<th>Journal</th>
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<tbody>
<tr>
<td>2019-present</td>
<td>The Laryngoscope.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Oral Oncology.</td>
</tr>
<tr>
<td>2014-present</td>
<td>Cancer.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Journal of Clinical Oncology.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Journal of Skin Cancer.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Journal of Surgical Oncology.</td>
</tr>
<tr>
<td>2009-present</td>
<td>European Journal of Cancer.</td>
</tr>
<tr>
<td>2007-present</td>
<td>Head &amp; Neck.</td>
</tr>
<tr>
<td>2006-present</td>
<td>Otolaryngology Head and Neck Surgery.</td>
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</table>

**GOODEN, E**

<table>
<thead>
<tr>
<th>Year-Range</th>
<th>Position</th>
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<tbody>
<tr>
<td>2021-present</td>
<td>Chair. Nominations and Governance, NYGH Foundation Board.</td>
</tr>
<tr>
<td>2019-2021</td>
<td>Chair. Communication and Development Committee, NYGH Foundation Board.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Director. Face the Future Foundation.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Director. North York General Hospital Foundation Board of Governors.</td>
</tr>
</tbody>
</table>

**GORDON, K**

<table>
<thead>
<tr>
<th>Year-Range</th>
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<tbody>
<tr>
<td>2020-2023</td>
<td>Member. Program Committee, Association for Research in Otolaryngology.</td>
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</table>

**The Hospital for Sick Children**

<table>
<thead>
<tr>
<th>Year-Range</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>2016-present</td>
<td>Cochlear Americas Chair in Auditory Development.</td>
</tr>
<tr>
<td>2015-present</td>
<td>Senior Scientist.</td>
</tr>
<tr>
<td>2014-present</td>
<td>Inaugural holder. Bastable-Potts Health Clinician Scientist Award in Hearing Impairment</td>
</tr>
</tbody>
</table>

**Institute of Medical Science**

<table>
<thead>
<tr>
<th>Year-Range</th>
<th>Position</th>
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<tbody>
<tr>
<td>2020-present</td>
<td>Member. Executive Committee, University of Toronto.</td>
</tr>
<tr>
<td>2020-present</td>
<td>Member. Leadership Committee, University of Toronto.</td>
</tr>
<tr>
<td>2019-present</td>
<td>Chair. Appointment Committee, University of Toronto.</td>
</tr>
</tbody>
</table>
GULLANE, P

North American Skull Base Society
1989-present Founding Member.

The Saudi Journal of Oto-Rhino-Laryngology Head and Neck Surgery
1999-present Member. International Advisory Board.

Ontario Cancer Institute
2000-present Senior Scientist. Cancer Informatics Division (Sub Committee of Research Council).

Member, Editorial Board
2000-present The Laryngoscope.
2000-present Head & Neck.
1993-present American Journal of Otolaryngology.

Manuscript Reviewer

Editorial Review Board
1991-present Les Annales d’Otolaryngologie et de Chirurgie Cervico-Faciale.

HAZEN, M

2020-present Project Manager. OTOAccess HL& EPIC Integration. SickKids Hospital.
2019-present Member. Audiology. Circle of Cleft Professional.

HIGGINS, K

2020 Member. AHNS 10th International Conference Program Committee, American Head and Neck Society.
2020-present Member. Cancer Care Ontario, Head and Neck Pandemic Response Group.
2019-present  Executive Member. Fellowship Steering Committee, Advanced Triologic Training Council Fellowship Program, Division of Head and Neck Surgery, Department of Otolaryngology-Head and Neck Surgery.

2018-present  Member. Esophageal Cancer Working Group, Cancer Care Ontario, Canada.
2017-present  Member. Sunnybrook’s Sustainability Program Office (SPO), Sunnybrook Health Sciences Centre.
2017-present  Member. Dean’s Faculty Council, Faculty of Medicine, University of Toronto, MD Program.
2016-present  Member. Council of Academic Hospital of Ontario Physician Quality Improvement Initiative, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine.
2016-present  Member. Oropharyngeal Cancer Pathway Map Working Group, Ontario, Cancer Care Ontario.
2016-present  Type 1 Investigator. Otolaryngology, Canadian Cancer Trials Group, Queen’s University, Cancer Research Institute.
2016-present  Member. CPOE Advisory Committee, Sunnybrook Health Sciences Centre.
2015-present  Co-chair. Head and Neck ERAS program, Sunnybrook Health Sciences Centre.
2015-present  Member. Minimally Invasive Surgery Committee, Sunnybrook Health Sciences Centre.
2014-present  Site Group Leader. Head and Neck Site Group, Odette Cancer Centre.
2014-present  Member. Head and Neck Disease Site Group, Cancer Care Ontario.
2011-present  Member. Endocrine Site Group Leader, Odette Cancer Centre, Sunnybrook Health Sciences Centre.
2010-present  Member. Program in Evidence-Based Care, Cancer Care Ontario.
2008-present  Member. Division of Facial Plastic and Reconstructive Surgery, Department of Otolaryngology-Head & Neck Surgery.
2006-present  Member. Melanoma Site Group, Odette Cancer Centre, Sunnybrook Health Sciences Centre.
2003-present  Member. Fellowship Selection Committee. Division of Head and Neck Surgery, Department of Otolaryngology-Head & Neck Surgery.

Manuscript Reviewer

2012-present  Craniomaxillofacial Trauma & Reconstruction.
2012-present  Thyroid.
2011-present  Clinical Otolaryngology.
2010-present  Otolaryngology-Head and Neck Surgery
2010-present  Head & Neck.
2006-present  The Laryngoscope.

HOLLER, T
2013-present  Member. MSc Health Sciences Education Curriculum Committee. McMaster University.

IRISH, J
2018-2020  
Member. Program Committee, Chicago, 10th International Conference on Head and Neck Cancer.

2018-2021  

2017-present  
Head. Division of Head and Neck Oncology and Reconstructive Surgery, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

2015-2022  

2011-present  
Director of Clinical Faculty. Core Lead - Guided Therapeutics, TECHNA, Institute, University Health Network.

Cancer Care Ontario

2012-present  
Clinical Sponsor. Co-chair Sarcoma Services Advisory Committee.

2009-present  
Member. Provincial Oncology Alternate Funding Plan (CCO representative).

2008-present  
Member. Clinical Council.

2008-present  
Member. Clinical Programs Leadership Committee.

2008-present  
Provincial Head. Surgical Oncology Program, Ontario.

2008-present  
Chair. Provincial Surgical Oncology Program Leadership Committee.

2006-present  
Chair. Surgery-Diagnostic Imaging Access to Care Advisory Council.

2004-present  
Lead. Access to Care and Strategic Funding Initiatives, Surgical Oncology Program.

Ministry of Health and Long-Term Care

2009-present  
Chair. Surgery and Diagnostic Imaging Council, Access to Care.

2005-present  

Ontario Institute of Cancer Research

2020-present  
Member. Board of Directors.

Ontario Health

2020-present  
Provincial Clinical Head. Cancer Care Clinical Program and Quality Improvement, Clinical Institutes and Quality Programs, Ontario Health (interim).

2020-present  
Member, Clinical Institutes and Quality Programs Executive.

2021-present  
Member, Provincial COVID-19 Recovery Table Steering Committee.

2021-present  
Member, Provincial Surgery and Diagnostic Imaging Recovery Advisory Panel.

Associate Editor

2010-present  
Head & Neck.

Manuscript Reviewer

2015-present  
Journal of Clinical Oncology.

2008-present  
Cancer.

2003-present  
The Laryngoscope.

2002-present  
Head & Neck.

JAMES, A

2019-present  
Board Member (Scientific research advisor). International Working Group Endoscopic Ear Surgery.

2018-present  
Secretary. International Otology Outcome Group.
### Member, Editorial Board

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016-present</td>
<td>Member, Editorial Board of The Journal of International Advanced Otology.</td>
</tr>
<tr>
<td>2016-present</td>
<td>Member, Editorial Board of Otology &amp; Neurotology.</td>
</tr>
<tr>
<td>2008-present</td>
<td>Member, Editorial Board of The Cochrane Library (Ear, Nose &amp; Throat Disorders Group).</td>
</tr>
</tbody>
</table>

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### LE, T

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>2017-present</td>
<td>Reviewer, CSO Otology papers.</td>
</tr>
<tr>
<td>2019</td>
<td>Committee Member, Cochlear Implant RFP, Sunnybrook Health Sciences Centre.</td>
</tr>
</tbody>
</table>

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### LEBLANC, E

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>2021-present</td>
<td>Section co-editor of ENT &amp; Audiology News, Tech Review.</td>
</tr>
<tr>
<td>2019-present</td>
<td>Chair of Client Services, Deafblind Ontario Services.</td>
</tr>
<tr>
<td>2017-present</td>
<td>Board Member, Deafblind Ontario Services.</td>
</tr>
<tr>
<td>2014-present</td>
<td>Member, Client Services Committee, Deafblind Ontario Services.</td>
</tr>
</tbody>
</table>

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### LEE, J

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
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<tbody>
<tr>
<td>2017-present</td>
<td>Member, Scientific Awards Committee American Rhinologic Society.</td>
</tr>
<tr>
<td>2016-present</td>
<td>Head, Division of Rhinology, Department of Otolaryngology-Head &amp; Neck Surgery, University of Toronto.</td>
</tr>
<tr>
<td>2014-present</td>
<td>Faculty Member, F1000 Prime: Section on Rhinology and Paranasal Sinus Disease.</td>
</tr>
<tr>
<td>2014-present</td>
<td>Member, Advisory Board, F1000 Research.</td>
</tr>
<tr>
<td>2011-present</td>
<td>Member, Editorial Board, American Journal of Rhinology and Allergy.</td>
</tr>
</tbody>
</table>

### Canadian Society of Otolaryngology-Head & Neck Surgery

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>2017-2020</td>
<td>Member, Scientific Program Committee.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Member, Rhinology Working Group.</td>
</tr>
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### Manuscript Reviewer

<table>
<thead>
<tr>
<th>Year</th>
<th>Position</th>
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</thead>
<tbody>
<tr>
<td>2011-present</td>
<td>The Laryngoscope.</td>
</tr>
<tr>
<td>2010-present</td>
<td>International Forum of Allergy &amp; Rhinology.</td>
</tr>
<tr>
<td>2009-present</td>
<td>American Journal of Rhinology &amp; Allergy.</td>
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### LIN, V

<table>
<thead>
<tr>
<th>Year</th>
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<tbody>
<tr>
<td>2017-present</td>
<td>Examiner, Otology/Neurotology section, Royal College of Physicians and Surgeons of Canada.</td>
</tr>
<tr>
<td>2015-present</td>
<td>Section Chair, Development of Otology-Neurotology Choosing Wisely Canada Guidelines.</td>
</tr>
<tr>
<td>2019-present</td>
<td>ATC Clinical Lead, Otolaryngology Surgery, Cancer Care Ontario.</td>
</tr>
<tr>
<td>2017-present</td>
<td>Otology/Neurotology Expert Advisor, Health Technology Assessment, Health Quality Ontario.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Chair, Otolaryngology Section, Ontario Medical Association.</td>
</tr>
<tr>
<td>2011-present</td>
<td>Clinical and Research Advisor, Audiology, ENT and Speech Working Group, Department of Otolaryngology-Head &amp; Neck Surgery, Faculty of Medicine, Patient and Public Education, Ontario Health Study.</td>
</tr>
</tbody>
</table>
**Canadian Society of Otolaryngology-Head & Neck Surgery**
2018-present  Scientific Program Chair. Executive Committee.
2018-present  Founding Member, Canadian Collaborative Research Initiative Core Group
2016-present  Council Member. Vestibular Working Group.

**University of Toronto**
2017-present  Member. AFP Innovation Grant Review Committee. Sunnybrook Health Sciences Centre, Faculty of Medicine, Department of Otolaryngology-Head & Neck Surgery.
2013-present  Postgraduate Director. Sunnybrook Health Sciences Centre, Department of Otolaryngology-Head & Neck Surgery, Faculty of Medicine, Postgraduate MD.
2011-present  Research Advisor. Postgraduate Committee, Research Coordinator, Department of Otolaryngology-Head & Neck Surgery, Faculty of Medicine, Postgraduate MD. Resident Research Supervisor/Coordinator.
2008-present  Contributor. Otolaryngology-Head & Neck Surgery Annual Resident In-Service Examination, Department of Otolaryngology-Head & Neck Surgery, Faculty of Medicine, Postgraduate MD.

**External Grant Reviewer**
2010-present  Medical Research Council.
2008-present  Canadian Institute of Health Sciences.

**Manuscript Reviewer**
2017-present  Health Reports.
2016-present  Frontiers in Neuroscience.
2014-present  Journal of Medical and Biomedical Engineering.
2012-present  Hearing Research.
2012-present  Otolaryngology-Head and Neck Surgery.
2010-present  Otology & Neurotology.
2009-present  The Laryngoscope.
2009-present  American Journal of Case Reports.

**LIN, RJ**
2014-present  Faculty Member. Editorial Board. F1000 Prime: Section on Rhinology and Paranasal Sinus Disease.
2014-present  Member. Advisory Board. F1000 Research.

**Manuscript Reviewer**
2011-present  The Laryngoscope.
2010-present  International Forum of Allergy & Rhinology.
2009-present  American Journal of Rhinology & Allergy.
LIU, F-F
2012-present Chair. Department of Radiation Oncology, Temerty Faculty of Medicine, University of Toronto.

American Society for Radiation Oncology
2017-present Member. Finance/Audit Committee.
2014-present Executive Member. Society of Chairs of Academic Radiation Oncology Programs.

Chinese University of Hong Kong - NPC
2012-present Member. Advisory Board.

International Network for Training and Innovations in Therapeutic Radiation
2019-present Member. Advisory Board.

Israel Cancer Research Fund
2018 Chair. Translation Panel.

University of Pennsylvania
2012-present Member. Advisory Board; Research Training Program.

University Health Network
2021-present Past Chair. Medical Advisory Board.
2018-2020 Chair. Medical Advisory Board.
2018-2021 Member. University Health Network (UHN) Hospital Board.
2018-2021 Member. UHN Board Committee on Safety & Quality.
2018-2021 Member. UHN Quality & Safety Committee.

MARTINO, R
2020-present Member. International Inter-Professional Committee, Dysphagia Research Society.
2019-2020 Advisory Expert. MBSS Consensus Panel Meeting, BRACCO.
2020-present Associate Member. American Head and Neck Society.
2018-present Member. College, Canadian Institutes of Health Research.
2016-present Scientific Faculty. American Head and Neck Society.
2013-present Associate Editor. Dysphagia Journal.
2012-present Associate Member, Canadian Centre for Applied Research in Cancer Control.
2007-present Member. Collaborative Program in Neuroscience, University of Toronto.
2007-present Member. Canadian Cancer Trials Group (CCTG) (previously National Cancer Institute of Canada) – Head and Neck Site.
2004-present Member. Dysphagia Research Society.

University of Toronto
2020-present Member. EDI Committee, Dept of Speech Language Pathology.
2020-2021 Member. EDI Admissions for Professional Students.
2020-2021 Member. EDI Admissions for Research Students.
2019-present | Coordinator of Graduate Studies. Dept of Speech Language Pathology.
2019-2021 | Member. POCC, Dept of Speech Language Pathology.
2018-2021 | Member, Strategic Plan for Rehab, Rehabilitation Sciences Institute.
2018-2020 | Chair. SGS Senate Defense, Rehabilitation Sciences Institute
2018-2020 | Reviewer. Decanal Promotions Committee B.
2018-2020 | Assessor. Tenure Committee, School of Graduate Studies (SGS).
2016-2020 | Member. Faculty Council Research Committee.
2016-present | Chair. Unit 6, Dept of Speech-Language Pathology.
2013-2020 | Faculty Member. Life Sciences (Division IV), Graduate Academic Appeals Board, School of Graduate Studies.

**MONTEIRO, E**

2020-present | Co-Chair. Sinai Health System Perioperative Quality and Safety Committee. Sinai Health System.
2018-present | Committee Member. Sinai Health System NSQIP Working Group. Sinai Health.
2017-present | Member. Sinai Health System Quality of Care Committee. Sinai Health.
2017-present | Committee Member. Medical Devices Reprocessing Committee, Sinai Health.
2017-present | Core Member. Centre for Quality Improvement and Patient Safety. University of Toronto.
2016-present | Committee Member. UHN Young Leaders Advisory Committee.

**NAZARALI, K**

2016-present | Member. Pharmaceuticals and Therapeutics Committee. Trillium Health Partners.

**NGAN, B-Y**

2018-present | Reviewer. The Pediatric Journal of Hematology Oncology.
1999-present | Member and Site Representative. Pathology Discipline, Children’s Oncology group, CureSearch.
1999-present | Member. Cancer Trial Support Unit, Pharmaceutical Branch, National Institute of Health, National Cancer Institute.

**PAPSIN, B**

2020-present | Chair. Faculty Appeals Committee, Undergraduate Medical Program, Graduate Medical Program and Medical Radiation Sciences. University of Toronto.
2010-present | Member. How I do it Committee. The Triologic Society.
American Society of Pediatric Otolaryngology
2019-present Past-President.
2019-present Chair. Nominating Committee.
2019-present Member. Finance Committee.

Politzer Society
2018-present Member. Board of Directors.

Editorial Board, Reviewer
2010-present Journal of International Advanced Otology.
2010-present Journal of Otology and Neurotology.
2006-present Archives of Otolaryngology-Head and Neck Surgery.
2004-present BMC Ear, Nose and Throat Disorders.
2003-present The Laryngoscope.

Manuscript Reviewer

PROPST, E

Hospital for Sick Children
2017-present Member. Hospital Wide Morbidity and Mortality Committee.
2016-present Supervisor. Safe Tracheotomy Care Parent Information Booklet.
2015-present Medical Advisor. Critical Airway Response Team.
2013-present Member. Multidisciplinary Tracheoesophageal Fistula Clinic.
2013-present Medical Advisor. Parent Education Group, Hospital Improvement Taskforce. Ambulatory Design Committee.
2012-present Director. Flexible Endoscopic Evaluation of Swallowing Clinic.
2011-present Co-director. Disorders Relating to the Airway and Mouth in Sleep Clinic.
2010-present Member. Stem Cell Working Group, Multilevel Education (For generating cartilage constructs such as septal cartilage and complete tracheal replacement).

American Society of Pediatric Otolaryngology
2020-present Member. Ad Hoc COVID-19 Committee.
2018-present Canadian Lead. Committee to identify vulnerable populations within our borders, Postgraduate MD.
2018-present Member. Committee on the Contemporary Landscape of Multidisciplinary Aerodigestive Care and the Pediatric Otolaryngologist’s Role.
2017-present Member. Fellowship Committee, Postgraduate MD.

The Aerodigestive Society
2018-present Member. Strategic Committee.
**Childhood Arthritis and Rheumatology Research**  
2016-present Member. Periodic Fever Aphthous Stomatitis Pharyngitis, Cervical Adenitis Clinical.

**Society for Ear, Nose and Throat Advancement in Children**  
2019-2020 Member. Executive Committee.

**Other Organizations**  
2017-present Member. International Surgical Sleep Society Surgical Trials Workshop Group.  
2016-present Member. Airway Reconstruction Outcomes Consensus Group, Faculty of Medicine, Postgraduate MD.

**Vector Medical / Air Canada Jazz**  
2016-present Member. Guideline Development, Medical Screening and Monitoring.

### RINGASH, J

**European Organization for Research and Treatment of Cancer**  
2021-present Advisory Board Member. EORTC QOL Interpretation Guideline Development.  
2019-present Member. SISAOIL-IMI: International Consortium to Optimize Analysis of QOL Data.  
2016-present Member. CATAPULT: Pooled Longitudinal QOL Data Analysis.  
2008-present Member. PROBE: Patient-reported Outcomes and Behavioural Evidence, International Advisory Board.

**National Cancer Institute**  
2020-2023 Member. Head and Neck Steering Committee.

**Canadian Association of Radiation Oncologists**  
2019-2021 President Elect.

**National Cancer Institute of Canada/Clinical Trials Group; NCIC-CTG; Canadian Cancer Trials Group**  
2015-2020 Member. Strategic Executive Advisory Council.  
2006-present Co-Chair. QOL Committee.  
2005-present Member. Quality of Life Committee.  
2005-present Member. Gastrointestinal Site Group Executive Committee.

**Cancer Care Ontario**  
2017-2020 Member. Gastrointestinal Cancer Advisory Committee.  
2014-2020 Member. Gastrointestinal Disease Site Group, Programme in Evidence-Based Care.

**The Princess Margaret Cancer Centre**  
2015-present Co-Lead, Faculty Mentorship, Radiation Medicine Program.  
2012-present Member. Head and Neck Cancer Translational Research Executive Committee.  
2011-present Medical Lead. Head and Neck Cancer Survivorship Programme.

### SINGH, P

2020-present Member. National In-Training Exam Committee.
Scarborough Health Network
2020-present  Medical Director of Quality.
2016-present  Project Lead/Surgeon Champion. NSQIP Implementation Team.

VESCAN, A
2019-present  DSO Committee Member. Mount Sinai Hospital.

Canadian Society of Otolaryngology-Head & Neck Surgery
2013-present  Member. Undergraduate Medical Education Committee.
2011-present  Member. Rhinology Working Group.

Manuscript Reviewer
2012-present  Head & Neck.
2009-present  Allergy & Rhinology.
2008-present  The Laryngoscope.
2007-present  Skull Base.

WITTERICK, I

American Head & Neck Society
2018-present  Vice-Chair. Skull Base Surgery Section.

Global Online Fellowship in Head & Neck Surgery and Oncology
2018-present  Director.

International Federation of Otorhino Laryngological Societies
2018-present  Organizing Committee. June 2021 Congress.

North American Skull Base Society
2019-present  Member. Board of Advisors.
2011-present  Member. Board of Directors.

World Congress on Thyroid Cancer
2017-present  Member. Steering Committee, 4th World Congress on Thyroid Cancer.

Canadian Society of Otolaryngology-Head & Neck Surgery
2019-2021  President.
2016-present  Member. Canadian Society of Otolaryngology-Head & Neck Surgery Council.
2012-present  Member. Canadian Otolaryngology Academic Chairs Committee.
2002-present  Member. Head & Neck Oncology Group.
2002-present  Member. Rhinology Group.

Royal College of Physicians and Surgeons of Canada
2016-present  Member. International (residency) Program Review Accreditation Committee.
### Faculty of Medicine, University of Toronto

<table>
<thead>
<tr>
<th>Year</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-present</td>
<td>Member. Advisory Group to the Director of the Institute of Medical Science.</td>
</tr>
<tr>
<td>2016-present</td>
<td>University Clinical Department Chair representative. Toronto Academic Health Sciences Network Medical Affairs Committee.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Member. Clinical Chairs Committee.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Member. All Chairs Committee.</td>
</tr>
<tr>
<td>2008-present</td>
<td>Member. Steering Committee, Surgical Skills Centre.</td>
</tr>
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### Sinai Health System

<table>
<thead>
<tr>
<th>Year</th>
<th>Role</th>
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<tbody>
<tr>
<td>2012-present</td>
<td>Chief. Department of Otolaryngology-Head &amp; Neck Surgery, Sinai Health System.</td>
</tr>
<tr>
<td>2012-present</td>
<td>Member. Medical Advisory Council.</td>
</tr>
</tbody>
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### Associate Editor

<table>
<thead>
<tr>
<th>Year</th>
<th>Journal</th>
</tr>
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<tbody>
<tr>
<td>2010-present</td>
<td>American Journal of Rhinology &amp; Allergy.</td>
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</table>

### Member Editorial Board

<table>
<thead>
<tr>
<th>Year</th>
<th>Journal</th>
</tr>
</thead>
<tbody>
<tr>
<td>2015-present</td>
<td>International Forum of Allergy &amp; Rhinology.</td>
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<tr>
<td>2010-present</td>
<td>American Journal of Rhinology &amp; Allergy.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Journal of Neurological Surgery, Part B: Skull Base.</td>
</tr>
<tr>
<td>2009-present</td>
<td>Ear, Nose &amp; Throat Journal.</td>
</tr>
</tbody>
</table>

### Manuscript Reviews

<table>
<thead>
<tr>
<th>Year</th>
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</thead>
<tbody>
<tr>
<td>2019-present</td>
<td>Oral Oncology.</td>
</tr>
<tr>
<td>2018-present</td>
<td>Canadian Medical Association Journal.</td>
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<td>2014-present</td>
<td>BMJ Case Reports.</td>
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<tr>
<td>2012-present</td>
<td>Journal of Surgical Oncology.</td>
</tr>
<tr>
<td>2011-present</td>
<td>Cancer.</td>
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<tr>
<td>2011-present</td>
<td>International Forum of Allergy &amp; Rhinology.</td>
</tr>
<tr>
<td>2011-present</td>
<td>International Journal of Surgical Oncology.</td>
</tr>
<tr>
<td>2010-present</td>
<td>American Journal of Rhinology &amp; Allergy.</td>
</tr>
<tr>
<td>2010-present</td>
<td>Skull Base.</td>
</tr>
<tr>
<td>2008-present</td>
<td>Head &amp; Neck.</td>
</tr>
<tr>
<td>2003-present</td>
<td>The Laryngoscope.</td>
</tr>
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</table>

### WOLTER, N

<table>
<thead>
<tr>
<th>Year</th>
<th>Role</th>
</tr>
</thead>
<tbody>
<tr>
<td>2020-present</td>
<td>Residency Site Education Director. Department of Otolaryngology-Head &amp; Neck Surgery, Hospital for Sick Children.</td>
</tr>
<tr>
<td>2019-present</td>
<td>Board Member. University of Toronto Board of Examiners, Undergraduate medical Education Program.</td>
</tr>
<tr>
<td>2019-present</td>
<td>Program Committee Member. Difficult Airway Committee. Perioperative Services Advisory Committee. Hospital for Sick Children.</td>
</tr>
</tbody>
</table>

2019-present Program Committee Member. Surgical Site Infection (SSI) Action Committee Perioperative Services. Hospital for Sick Children.

2008-present MD Admissions File Reviewer. Undergraduate Medical Education. Temerty Faculty of Medicine, University of Toronto.

Peer Reviewer
2017-present The Laryngoscope.
2017-present PLoS ONE.
2016-present International Journal of Pediatric Otorhinolaryngology.

WONG, A
2003-present Member. Fellows Selection Committee, Department of Ophthalmology and Vision Sciences, Hospital for Sick Children.

2002-present Member. Research Committee, Department of Ophthalmology and Vision Sciences, University of Toronto.

ZIRKLE, M
St Michael’s Hospital
2019-present Member. Collaborative Working Group Steering Committee.
2015-present Member. Collaborative Learning Working Group.
2010-present Committee Member. Education Council.
2010-present Committee Member. Interprofessional Education.

MD Program, University of Toronto
2020 Member. Steering Committee Covid Clerkship.
2016-present Member. Executive Council, Centre for Faculty Development
2013-present Member Longitudinal Integrated Clerkship Working Group
2010-present Member. Undergraduate Medical Education, Executive Committee.
2010-present Chair. Undergraduate Medical Education, Academy Director Committee.
2010-present Member. Undergraduate Medical Education, Clerkship Committee.

Manuscript Reviewer
2011-present Medical Education.
2007-present The Laryngoscope.
2006-present Otolaryngology-Head and Neck Surgery.
<table>
<thead>
<tr>
<th>Research Grants and Contracts</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CAMPISI, P</strong></td>
</tr>
<tr>
<td>2021</td>
</tr>
</tbody>
</table>

| 2021 | Co-Investigator. Creation of an Evidence Map for the Perioperative Management of Tonsillectomy in Children by a Systematic Review of Current Clinical Practice Guidelines. Department of Anesthesia and Pain Medicine Outcomes Research Award. K. Aoyama, M.A. Petre, P. Campisi, L. Ameye. $10,000 CAD; and Hospital for Sick Children Perioperative Services Summer Studentship Award. $3,000 CAD. |

| **CHEPEHA, D** |
| 2021-present | Co-Investigator. SPECT-CT Guided Elective Contralateral Neck Treatment in Lateralized Oropharyngeal Cancer (SELECT): A phase III randomized controlled trial. $3,203,435 CAD. |

| 2019-present | Principal Investigator. Harry Barberian Grant: Mapping the Microbiome in Oral Cavity Squamous Cell Carcinoma. University Health Network. Department of Otolaryngology-Head and Neck Surgery. $10,000 CAD. |

| 2018-present | Principal Investigator. Evaluation of the Peri-Tumoral Inflammatory Microenvironment for Patients with Oral Cavity Squamous Cell Carcinoma. University Health Network. Department of Otolaryngology-Head & Neck Surgery. $5,000 CAD. |

| 2016-present | Principal Investigator. Rehabilitation of Head and Neck Cancer Patients with Biofeedback Training to Improve Speaking and Eating in Public. AHSC AFP Innovation Fund. University Health Network. $175,600.40 CAD. |

| **CUSHING, S** |

| 2015-2020 | Collaborator. Overt Responses During Covert Orienting; Novel Biomarkers for the Oculomotor System in Health and Disease. Canadian Institutes of Health Research. PI: Corneil, Brian. Collaborator(s): Cushing, Sharon. $739,381 CAD. |

| **DABDOUB, A** |
| 2020-25 | Principal Investigator. Engineering Approaches for the Point-of-Care Diagnosis of Inner Ear Disorders Based on the Rapid Detection of blood Biomarkers. Natural Sciences and Engineering Research Council. $165,000 CAD. |
2020-21  Co-Principal Investigator. Using Human Inner Ear Organs to Develop New Regenerative Therapies for Hearing and Balance Disorders. University of Melbourne-University of Toronto Joint Research Initiative. $30,000.

2018-21  Principal Investigator. Understanding the Blood-Inner Ear Barrier. Krembil Foundation. $584,000 CAD.

DE ALMEIDA, J

2020-2021  Principal Investigator. A Feasibility Trial of Lymphatic Mapping with SPECT-CT for Evaluating Contralateral Disease in Lateralized Oropharynx Cancer. Harry Barberian Scholarship Fund. Department of Otolaryngology-Head & Neck Surgery, University of Toronto. $10,000 CAD.


ENEPEKIDES, D


2020-2023  Co-Investigator. An Evaluation of Patterns of Care, Survival and Healthcare Costs in Patients with Head and Neck Cancer. The Terry Fox New Investigator Award. Principal Investigator: Dr. Antoine Eskander. Sponsoring Investigator: Dr. Natalie Coburn. Co-Investigators: Jonathan Irish, Danny Enepekides, John Kim, Frances Wright, Lesley Gotlib Conn, Zain Husain, Kelvin Chan, Julie Hallet, Alyson Mahar, Christopher Noel, Nicole Mittman Rinku Sutradhar, Houda Bahig. $442,614 CAD.


**ESKANDER, A**


2021-2023  Co-Principal Investigator. Harnessing Patient-reported Outcomes to Support Psychological Distress After a Cancer Diagnosis. Sunnybrook AFP Innovation Fund Operating Grant. Co-Principal Investigator: Elie Isenberg-Grzeda Co-Investigators: Julie Hallet, Julie Deleemans, Stephanie Mason, Lesley Gotlib Conn, Janet Ellis, Simon Vigod, Zain Husain, Rinku Sutradhar, Barbara Haas, Alyson Mahar, Nicole Look-Hong, Natalie Coburn, Craig Earle, Karen Fergus, Kiersty Hong, Christopher Noel. $98,276.34 CAD.


2020-2021  Co-Investigator. What are the Safety and Health System Implications of Adapting Adjuvant Therapies to the Neoadjuvant Setting in Cancer Patients with Delayed Surgical Interventions Due to COVID-19? Sunnybrook Foundation COVID-19 Research Initiative. Principal Investigator: Kelvin
Chan. Co-Investigators: Matthew Cheung, Antoine Eskander, Ambika Parmar, Michael Raphael, Simron Singh, Jonathan Irish, Monika Krzyzanowska, Robin Macleod, Lauren Lapointe-Shaw, Steven Habbous. $69,660 CAD.

2020-2023
Principal Investigator. An Evaluation of Patterns of Care, Survival and Healthcare Costs in Patients with Head and Neck Cancer. The Terry Fox New Investigator Award. Principal Investigator: Dr. Antoine Eskander. Sponsoring Investigator: Dr. Natalie Coburn. Co-Investigators: Jonathan Irish, Danny Enepekides, John Kim, Frances Wright, Lesley Gotlib Conn, Zain Husain, Kelvin Chan, Julie Hallet, Alyson Mahar, Christopher Noel, Nicole Mittman Rinku Sutradhar, Houda Bahig. $442,614 CAD.

2021-2023

2020-2021

2020-2020
Co-Principal Investigator. Suicide and Self-Harm After a Diagnosis of Cancer: A Population-based Study. Sherif Hanna Surgical Oncology Research Grant. Principal Investigators: Drs. Antoine Eskander and Julie Hallet. Co-Investigators: Drs. Christopher Noel, Nicole Look-Hong, Elie Isenberg-Grzeda, Rinku Sitrudhar, Zain Husain, Craig Earle. $10,000 CAD.

2019-2022

GOLDSTEIN, D

2020-2025
2020-2021 Co-Investigator. A Feasibility Trial of Lymphatic Mapping with SPECT-CT for Evaluating Contralateral Disease in Lateralized Oropharynx Cancer. PI: Dr. John de Almeida, Co-investigators: David Goldstein, Eric Monteiro, Antoine Eskander. $10,000 CAD.


HIGGINS, K

2020-2022 Co-Investigator. A Pilot Study of the Inflammatory Response in Oral Squamous Cell Carcinoma by Saliva, Plasma and Tissue Analysis. Canadian Institute of Health Research team grant. Collaborator(s): Grace Bradley, DDS, MSc. FRCD(C), Marco Magalhaes, DDS, PhD; Beatrice Lau, DDS, MSc. Dept. of Dentistry, Sunnybrook Health Sciences Centre, Faculty of Dentistry, University of Toronto. $100,000 CAD.


2019-present Co-Principal Investigator. Analysis of Patterns of Recurrence in Head and Neck Cancer Using Clinicopathomic Markers. Kavelman Fonn Clinical Trial Grant Collaborator(s): Tran W, Karam I, Curpen B, Weinreb I, Higgins K, Tabbarah S, Law C, Czarnota G. $75,000 CAD.


2018-present Co-Investigator. Improving Integrative Care and Patient Experience by Diffusing and Disseminating Study Results of "Assessing the Impact of Cancer Care Ontario’s Psychosocial Oncology & Palliative Care Pathway in Head and Neck Cancer Patients". Sunnybrook Health Sciences Centre Education Research and Scholarship Grant. Principal Investigator: Ellis J. Collaborator(s): Higgins KM. $8,500 CAD.

<table>
<thead>
<tr>
<th>Year</th>
<th>Role</th>
<th>Project Description</th>
<th>Funding Details</th>
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<tbody>
<tr>
<td>2020-2022</td>
<td>Co-Investigator. Symptom Burden as a Predictor of Emergency Room Visits and Unplanned Hospitalizations in Patients with Head and Neck Cancer. AFP Innovation Fund. PI: A Eskander.</td>
<td>$100,000 CAD.</td>
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<tr>
<td>2019-2021</td>
<td>Co-Principal Investigator. 3-D Fluorescence Imaging for Guidance of Head and Neck Cancer Surgery. The Raymond Ng and Wendy Chui Foundation for Innovation in OHNS Award. Co-PI: Michael Daly.</td>
<td>$200,000 CAD.</td>
<td></td>
</tr>
<tr>
<td>2017-2022</td>
<td>Co-Principal Investigator. Project 3 Leader. Porphysome Nanoparticle-enabled Image-guided Cancer Interventions. The Terry Fox New Frontiers Program Project Grant. PI: Gang Zheng.</td>
<td>$6,616,301 CAD.</td>
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<tr>
<td><strong>LE, T</strong></td>
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<tr>
<td>2019-2023</td>
<td>Co-Principal Investigator. Neurodegenerative Mechanisms by TrkC.T1 and p75 Receptors: Target Validation and Rationale for Therapeutic Intervention. CIHR Project grant. $1,361,700 CAD.</td>
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<td>2021-2023</td>
<td>Principal Investigator. Protective Effects of Sodium Thiosulfate and Mannitol Against Cisplatin-induced Hearing Loss: A Phase II Randomized Controlled Trial. Sunnybrook AFP-IPOC grant. $100,000 CAD.</td>
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<tr>
<th><strong>LIN, V</strong></th>
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<tbody>
<tr>
<td>2019-2024</td>
<td>Consultant. Role of Health Literacy and Alzheimer’s Disease and Related Dementia in Older Adults with Hearing Loss. NIH. PI: McKee, Michael $606,904 USD.</td>
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<tr>
<td>2019-2023</td>
<td>Co-Principal Investigator. Elucidating the Paradox of TrkC Receptor Isoforms Causing either Neuronal Survival or Degeneration: Target Validation and Therapeutic Rationale Using Isoform-Selective Pharmacological and Biological Tools. Canadian Institutes of Health Research (CIHR). $1,750,000 CAD.</td>
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<tr>
<th><strong>LIN, RJ</strong></th>
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<tbody>
<tr>
<td>2021-2022</td>
<td>Principal Investigator. Computer Vision 3D Reconstruction of Subglottic Stenosis from Monocular Endoscopic Video. Research Award. Department of Otolaryngology-Head &amp; Neck Surgery, University of Toronto. Lueder Kahrs. $25,000 CAD.</td>
</tr>
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<table>
<thead>
<tr>
<th><strong>LIU, F-F</strong></th>
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<tbody>
<tr>
<td>2021-2026</td>
<td>Principal Investigator. The Characterization and Therapeutic Targeting of Aberrant Metabolic and Inflammatory Signaling in Chronic Lymphedema. Project Grant, Canadian Institutes of Health Research (CIHR). PI: Liu FF. Co-I(s): Kwan JYY, Haibe-Kains B, Reed MA, Haykal S, Yip K. $971,550 CAD.</td>
</tr>
</tbody>
</table>
2021-2022 Principal Investigator. The Characterization and Therapeutic Targeting of Metabolic and Inflammatory Signaling in Chronic Lymphedema. Project Grant - Priority Announcement: Infection and Immunity, Canadian Institutes of Health Research (CIHR). PI: Liu FF. Co-I(s): Kwan JYY, Haibe-Kains B, Reed MA, Haykal S, Yip K. $100,000 CAD.


2017-2021 Co-Investigator. PMH-HKU-SZH Radiation Oncology High Level Medical Team “Sanming Project of Medicine in Shenzhen”. Health and Family Planning Commission of Shenzhen Municipality. Collaborator(s): O’Sullivan B (PI), Dawson L, Wong R, Huang SH, Zhang BB. 12,000,000 RMB.

2017-2022 Principal Investigator. Seeking Molecular Signatures for Nasopharyngeal Carcinoma. Project Grant Competition, Canadian Institutes of Health Research (CIHR). Collaborator(s): Bratman S, Bruce J, Haibe-Kains B, Pugh T, Weinreb I, Xu W, Yip K, Le QT, Ng LWT. $1,147,500 CAD.

MARTINO, R


2018-2023  Principal Investigator. Canada Research Chair (Tier II) in Swallowing Disorders. Canada Research Chairs. $500,000 CAD.


PAPSSIN, B

2019-2024  Co-Investigator. Novel Treatment to Promote Spatial Hearing in Children Who are Deaf. Primary Investigator: Gordon KA, Co-investigators: Cushing SL; Collaborators: Scollie S, Papaioannou V, CIHR Project Grant. $559,980 CAD.
**PROBST, E**

**2021**


**2021**

Co-Investigator. RNA-based Diagnostics for Pediatric Thyroid Cancer Treatment Stratification. Hospital for Sick Children Peri-Operative Services Facilitator Grant. Collaborator(s): Nikolaus Wolter, Jennifer Wolter, Evan Propst, Jonathan Wasserman. $10,000 CAD.

**2021**


**2020**

Co-Investigator. Total and microRNA-based Diagnostics for Pre- and Post-operative Treatment Stratification of Children and Adolescents with Thyroid Masses and Thyroid Carcinoma. Garron Family Cancer Centre, Pitblado. Collaborator(s): Jonathan Wasserman, Jennifer Wolter, Nikolaus Wolter, George Yousuf. $56,799 CAD.

**RINGASH, J**

**2020-2028**


**2020-2025**


**2019-2020**


**2018-2021**


WOLTER, N


WONG, A

residents & fellows
<table>
<thead>
<tr>
<th>PGY 1</th>
<th>PGY 2</th>
<th>PGY 3</th>
<th>PGY 4</th>
<th>PGY 5</th>
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<tbody>
<tr>
<td>Alexander Gabinet-Equihua</td>
<td>Fahad Aldhahri</td>
<td>Amr Hamour</td>
<td>Justin Cottrell</td>
<td>Neil Arnstead</td>
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<tr>
<td>Garret Horton</td>
<td>Adam Kwinter</td>
<td>Jong Wook (John) Lee</td>
<td>Terence Fu</td>
<td>Peter Dixon</td>
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<tr>
<td>Marc Levin</td>
<td>Chantal Li</td>
<td>Christopher Noel</td>
<td>Daniel Lee</td>
<td>Christopher Hong</td>
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<tr>
<td>Justine Philteos</td>
<td>Dongho (Brian) Shin</td>
<td>Vincent Wu</td>
<td>Shireen Samargandy</td>
<td>Florence Mok</td>
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<tr>
<td>Ahmed Saleem</td>
<td>Edward Sykes</td>
<td>Weining Yang</td>
<td>Jennifer Siu</td>
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<tr>
<td>Lily Wang</td>
<td>Grace Yi</td>
<td>Hedyeh Ziai</td>
<td>Neil Verma</td>
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</table>

[Images of residents and fellows]
<table>
<thead>
<tr>
<th>Fellowship</th>
<th>Fellow</th>
<th>Country of Training</th>
<th>Mentor(s)</th>
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<tbody>
<tr>
<td>Head and Neck Surgical Oncology</td>
<td>Michael Au</td>
<td>Canada</td>
<td>University Health Network: Drs. Dale Brown, Douglas Chepeha, John de Almeida, Jonathan Irish, Ralph Gilbert, David Goldstein, Patrick Gullane</td>
</tr>
<tr>
<td></td>
<td>Ilyes Berania</td>
<td>Canada</td>
<td>Sinai Health: Dr. Jeremy Freeman</td>
</tr>
<tr>
<td></td>
<td>Michael Blasco</td>
<td>United States</td>
<td>Sunnybrook HSC: Drs. Danny Enepekides, Kevin Higgin</td>
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<tr>
<td></td>
<td>Donovan Eu</td>
<td>Singapore</td>
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<tr>
<td></td>
<td>Mirko Manojlovic Kolarski</td>
<td>Canada</td>
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<td></td>
<td>Susannah Orzell</td>
<td>United States</td>
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<tr>
<td></td>
<td>Axel Sahovaler</td>
<td>Argentina</td>
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<tr>
<td>University Health Network Otolaryngology Research Fellowship</td>
<td>Tommaso Gualtieri</td>
<td>Italy</td>
<td>University Health Network: Drs. Ralph Gilbert, Jonathan Irish</td>
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<tr>
<td></td>
<td>Wael Hasan</td>
<td>Ireland</td>
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<tr>
<td>Facial Plastic &amp; Reconstructive Surgery</td>
<td>Rodrigo Fernández Pellón García</td>
<td>Mexico</td>
<td>Dr. Andres Gantous</td>
</tr>
<tr>
<td>Facial Plastic &amp; Reconstructive Surgery</td>
<td>Ahmed Walaa Abousheleib</td>
<td>Egypt</td>
<td>Dr. Oakley Smith</td>
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<tr>
<td>Facial Plastic &amp; Reconstructive Surgery</td>
<td>Giriraj Sharma</td>
<td>United States</td>
<td>Dr. Jamil Asaria</td>
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<tr>
<td>Paediatric Otolaryngology</td>
<td>Tal Honigman</td>
<td>Israel</td>
<td>Hospital for Sick Children: Drs. Paolo Campisi, Sharon Cushing, Adrian James, Blake Papsin, Evan Propst, Nik Wolter</td>
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<tr>
<td></td>
<td>Anne-Sophie Prevost</td>
<td>Canada</td>
<td></td>
</tr>
<tr>
<td>Rhinology, Skull Base and Head &amp; Neck Oncology</td>
<td>Eran Glikson</td>
<td>Israel</td>
<td>Sinai Health: Drs. Ian Witterick, Allan Vescan, Eric Monteiro</td>
</tr>
<tr>
<td>Otology Skull Base Surgery</td>
<td>Valerie Dahm</td>
<td>Austria</td>
<td>Sunnybrook HSC: Drs. Joseph Chen, Vincent Lin</td>
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<tr>
<td></td>
<td>Justin Lui</td>
<td>Canada</td>
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<td>Medical &amp; Surgical Otology/Neurotology</td>
<td>Sasan Dabiri</td>
<td>Iran</td>
<td>University Health Network: Dr. John Rutka</td>
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<td>Gabriela Vergara</td>
<td>Chile</td>
<td>Markham Stouffville Hospital: Drs. Jerry Halik, Ambrose Lee</td>
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<td>Fatemeh Hassan Nia</td>
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<td>Tom Brandstaetter</td>
<td>Israel</td>
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<td>Priyanka Misale</td>
<td>India</td>
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<tr>
<td>Laryngology</td>
<td>María Isabel Besserer Ichoa</td>
<td>Mexico</td>
<td>St. Michael’s Hospital: Dr. Jennifer Anderson</td>
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</table>
departmental awards
Departmental Awards Program

These awards were presented during the virtual graduation and awards ceremony held on Friday June 11, 2021.

Resident Awards

Dr. Jong Wook (John) Lee (PGY3) received the Freda Noyek Otolaryngology Merit Award - In recognition of special commitment to patient care and/or academic achievement.

Dr. Vincent Wu (PGY3) received The Shiley E.O. Pelusa Awards - For demonstration of excellent clinical work by a PGY3.

Dr. Justin Cottrell (PGY4) received the Dr. Ian Witterick Excellence in Mentorship Award – For demonstration of excellence in one or more of the following areas: research, education, mentorship and/or innovation.

Dr. Edward Sykes (PGY2) received the Judy Chauvin Otolaryngology Resident Award - In recognition of an enthusiastic interest in the initiation of a serious otolaryngology-related research project.
Dr. Justin Cottrell (PGY4) received the Chapnik, Freeman and Friedberg Clinical Scientist Program Award - In recognition of a resident/fellow (who are postgraduate MD trainees) or junior faculty in the Department of Otolaryngology-Head & Neck Surgery enrolled in a Master of Science or Master in Education, Master of Health Science, or PhD degree at the University of Toronto, to pursue advanced research training.

Fellow Award

Dr. Giriraj Sharma received the Kris Conrad Merit Award in Facial Plastic Surgery - For demonstrating achievements in the field of research, and perseverance in attaining the highest level of expertise in the performance of Facial Plastic Surgery.

Teaching Awards

Dr. Modupe Oyewumi received The Alma Smitheringale Excellence in Undergraduate Teaching Awards - Awarded to a faculty member, resident or fellow for outstanding undergraduate teaching or curriculum development.

Dr. Neil Arnstead received the Resident Teacher of the Year Awards - Awarded to a PGY5 resident in our program who is judged to have been an outstanding teacher to other residents and medical students during their residency.
Dr. Justin Lui received the Fellow Teacher of the Year Award - Awarded to a fellow in our program who is judged to have been an outstanding teacher to residents and medical students during their fellowship.

Dr. Joseph Chen received the Department of Otolaryngology-Head & Neck Surgery Excellence in Teaching Award - Awarded to a faculty member who demonstrates excellence in teaching and education with contributions made at the level of undergraduate, postgraduate and/or continuing education.

Dr. Eric Monteiro received the Resident Advocate Award - In recognition of an individual faculty member who particularly demonstrates commitment to advocacy in the residency program.
Research Awards

Dr. Justin Cottrell received the Dr. Raymond H. W. Ng Graduate Award - Awarded to a graduate student (international or domestic) enrolled in a (full-time or part-time) MSc program in the University of Toronto associated with the Department of Otolaryngology-Head & Neck Surgery. Special consideration is given, subject approval of the committee, to a candidate who wishes to carry out his/her academic commitment at an institution other than University of Toronto.

Dr. Christopher Noel received the Dr. Raymond H. W. Ng PhD Awards - Awarded to a graduate student (international or domestic) enrolled in a PhD program (full-time or part-time) in the University of Toronto associated with the Department of Otolaryngology-Head & Neck Surgery.
The Department of Otolaryngology-Head & Neck Surgery held its 29th Annual Percy Ireland Academic Day virtually on May 7-8, 2021.

Visiting Professor Dr. John Yoo (Dean, Schulich School of Medicine and Dentistry, Western University) delivered The Percy Ireland Oration on May 7, 2021 titled: “Mentorship, Menteeship and Committing to a Career in Surgery”.

Dr. Peter Adamson was our Guest of Honour (Professor, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, University of Toronto) delivered a presentation titled: "An Abstract for Life –My Personal Learning Project"

BEST PAPER IN EACH OF FOUR CATEGORIES

Recognition is given to one presenter in each category:

Category 1 - Work undertaken by post-residency research fellows/graduate degree students/post-doctoral fellows: Awarded to Dr. Christopher Noel for his project: “Patient-Reported Symptom Burden as a Predictor of Emergency Department Use and Unplanned Hospitalization in Head and Neck Cancer: A Longitudinal Population-Based Study”. Mentors: Drs. Tony Eskander & Natalie Coburn.

and to Dr. Adam Kwinter for his project “Quantifying Cutaneous Neck Fibrosis: Development and Validation of a Patient Reported Outcome Measure”. Mentor: Dr. David Goldstein.

Category 3 - Work undertaken by PGY3 residents during clinical rotation: Awarded to Dr. Hedyeh Ziai for her project: “Evaluation of Machine Learning, Statistical Predictive Tools, and the National Surgical Quality Improvement Program Surgical Risk Calculations for Predicting Hospital Length of Stay in Patients Undergoing Major Surgery for Oral Cavity Cancer”. Mentor: Dr. John de Almeida.

Category 4 - Work undertaken by PGY4 residents during clinical rotation: Awarded to Dr. Jennifer Siu for her project: “Development of a Neural Network Model to Predict Long-Term Mortality in Patients Eligible for tracheostomy in the ICU”. Mentor: Dr. Leo Celi.

departmental committees reports
Executive

Dr. I. Witterick (Chair)

Members: Jennifer Anderson, Paolo Campisi, Yvonne Chan, Al Chiodo, Alain Dabdoub, Danny Enepekides, Andres Gantous, Ralph Gilbert, Patrick Gullane, Robert V. Harrison, Kevin Higgins, Jonathan Irish, John Lee, Vicky Papaioannou, Blake Papsin, Allan Vescan.

The departmental Executive Committee is the senior advisory body to the Chair. The committee includes the hospital chiefs, the directors of undergraduate and postgraduate medical education, continuing professional development, education and research vice-chairs, chairs of committees (Advancement, Departmental Appointments Committee, Promotions and Quality & Safety), the heads of our four divisions (1. Audiology; 2. Facial Plastic and Reconstructive Surgery; 3. Head & Neck Oncology and Reconstructive Surgery and 4. Rhinology) and a representative from the Community Academic Faculty. The Executive Committee receives reports from all standing committees on a monthly basis and distributes minutes of the meetings to faculty members. The committee provides guidance to the Chair in all matters related to the functioning of the department. The committee continues to work well providing input and advice on the running and future directions of our department. I am indebted to the high calibre of collegiality and assistance from the members of this committee.
Undergraduate Medical Education

Dr. Allan Vescan (Chair)

Members: Jason Atlas, Dale Brown, Sharon Cushing, Vinay Fernandes, Aman Grewal, Kevin Higgins, Brad Hubbard, John Lee, Bosco Lui, Jeffrey Mendelsohn, Raewyn Seaberg, Manish Shah, Jack Shahin; Clerkship Representative: Emily Cheng

Our Undergraduate Medical Education (UME) portfolio has experienced an ever-fluctuating environment full of stops and starts and double cohorts. The Pre-clerkship Foundations years are currently being delivered with a hybrid virtual/in person curriculum with 50 students in the classroom and gradual resumption of physical exam skills in person with small groups. Over 1,000 medical students are exposed to our specialty in various educational opportunities throughout their four years of medical school in both our academic and community academic centres. The complete re-organization and delivery of medical school content, the double cohort of clerkship students and accreditation have placed immense pressure on our learners and faculty throughout the 2020-21 academic year.

Pre-Clerkship Courses
Dr. Brad Hubbard continues to represent our department during the pre-clerkship curriculum as Assistant UME Director and leads in the delivery of the Foundations Curriculum. The courses include ICE 1 and 2, TOPIC, Portfolio and Longitudinal Elective courses.

Post-Clerkship Courses
Dr. John Lee serves as the Assistant Director of UME overseeing the TTR (Transition to Residency Program), Fusion course and Portfolio course.

We have been very fortunate to receive funding from the university to purchase approximately 60 mobile OtoSim™/OphthoSim™ units to help deliver the clerkship seminar content remotely with virtual OtoSim™ sessions. This program began in August and September of 2020 and we are indebted to the contributions of Dr. Vito Forte and Dr. Paolo Campisi in making sure this novel virtual simulation program continues on its successful path.

The clerkship course continues to be delivered with our hybrid model, where half of the approximately 260 medical students will rotate through our community academic sites and half will be in our more traditional academic teaching units. Many of our community sites have had to pause the delivery of clerkship rotations due to COVID-19 and they have been able to come back online to provide an improved environment for our learners. We are moving toward a clerkship redesign to be rolled out in the future on a date to be determined. Stay tuned for updates.

I would like to sincerely thank all of our faculty for their amazing contributions to UME over this past year and look forward to your continued support. Special thanks to all of our site co-ordinators, Dr. John Lee, Dr. Brad Hubbard and Andrea Donovan.
for their tireless effort in the delivery of UME for our department.

I would like to also congratulate Dr. Dupe Oyewumi for receiving the *Alma Smitheringale Excellence in Undergraduate Teaching Award* this past year. Seeing our Community Academic Faculty recognized for their exceptional contributions is very gratifying.

I truly appreciate everyone’s continued patience and commitment to our UME mandate through our changing environment.
The 2020-2021 academic year represented a full year of meeting the extraordinary challenges posed by the COVID-19 pandemic. The required public health restrictions continued to have an impact on all clinical, research, and educational activities within the postgraduate portfolio. The residency program was successful at adapting through various strategies such as the rapid pivot to an online/virtual curriculum for Core Teaching, Grand Rounds, Journal Club and other educational activities, the nimble redeployment of residents across teaching sites, adoption of telemedicine, advocacy for resident vaccination and maintenance of surgical training. These experiences have led to several innovations in education, collaboration and sharing of resources with other residency training programs and a leadership role in the interest and development of a national residency curriculum.

Highlight events such as Percy Ireland Day, the Departmental Graduation and Awards Ceremony and the Resident Retreat were held virtually. The Royal College examinations proceeded as scheduled but the written and applied components were both administered virtually, a first for the Royal College. In spite of these challenges, I am proud to report that the residents, fellows and faculty demonstrated incredible resilience and rapidly adjusted to resume most activities.

The 2020-2021 academic year represented the fourth year following the introduction of a Competency-Based Education residency curriculum. With this experience, our department continues to provide important feedback to the Royal College Specialty Committee regarding CBME program evaluation. Dr. Campisi continues to serve as Chair of the BPEA IT Useability Working Group to further modify existing software to better serve the needs of Program Directors and Assistants.

To effectively support the CBME program, the department appointed Dr. Eric Monteiro as the Assistant Program Director who would serve as the Chair of the Competence Committee and champion new initiatives to improve the quantity and quality of resident evaluations, resident feedback and promotion decisions. Congratulations Dr. Monteiro!

This PGME report also celebrates the ongoing outstanding contributions of our residents, fellows, and faculty to the Residency Program Committee (RPC) and Competence Committee. The RPC has been working tirelessly on a monthly basis guiding the residency program and ensuring a high-quality educational program and the introduction of new educational experiences for our residents.

A sincere thank you to all of the members of the RPC for their invaluable contributions:
Nik Wolter (Hospital for Sick Children)
Janet Chung (Trillium Health Partners)
Brad Hubbard (Michael Garron Hospital)
Eric Monteiro (Sinai Health & Quality Improvement Committee)
Vincent Lin (Sunnybrook Health Sciences Centre & Resident Research Coordinator)
Residents

There were 28 residents and 24 clinical and research fellows enrolled in postgraduate training programs within our department. Dr. Florence Mok served as the Administrative Chief Resident and represented the interests of the residents diligently. Dr. Mok completed her term on April 30, 2021 and Dr. Jennifer Siu was subsequently elected as incoming Chief Resident. Thank you to Florence and Jennifer for their excellent work on behalf of the residents.

Congratulations to Drs. Neil Arnstead, Peter Dixon, Christopher Hong and Florence Mok for completing their residency training. Neil and Peter have secured fellowship training positions in Rhinology, Skull Base, and Head & Neck Surgical Oncology (Neil) and Otology & Neurotology (Peter) programs. Christopher and Florence have initiated their practice in the community.

Residency Curriculum

The Residency Core Curriculum continues to be provided over a 3-year cycle to residents in the PGY2-PGY4 years. In the 2020-2021 academic year, the core topics covered were Otology/Neurotology and Rhinology. Drs. Vincent Lin, Allan Vescan and John Lee served as leads for the series of lectures provided. The PGY1 residents attended weekly “Surgical Foundations” lectures throughout the year and a one-week “Prep Camp” in July prior to joining clinical rotations.

The PGY5 and PGY4 residents participated in weekly Fellowship Study lectures provided by faculty in preparation for the Royal College Examinations. Residents in the PGY2-PGY5 years wrote the annual National In-Training Examination in November 2020 and a specific PGY4 exam was held in June 2021. Once again, our residents performed very well on this examination. The faculty members have continued to provide an incredible number of exceptional clinical courses for the residents and fellows. A special thank you goes out to Drs. Andres Gantous, Ashlin Alexander and Michael Brandt for organizing the Soft Tissue Dissection and Rhinoplasty courses, Drs. John Lee & Allan Vescan.

A very special thank you to Andrea Donovan, Administrative Assistant to Dr. Campisi. She expertly managed all aspects of the residency program and the RPC. She is an invaluable resource to the residents, fellows and faculty.
for the Endoscopic Sinus Surgery course and the many faculty & fellows that have contributed to the anatomy course and series of Temporal Bone Dissection courses provided throughout the academic year.

Lastly, a special thank you to Drs. John de Almeida, Eric Monteiro, and the faculty mentors for organizing and providing mentorship for the Journal Club meetings for the past few years. They have completed their terms as Journal Club leads and have transitioned this position into the capable hands of Drs. Jun Lin and Nik Wolter.

Fellowship Programs

The Department of Otolaryngology-Head & Neck Surgery at the University of Toronto continues to be a beacon for fellowship training nationally and internationally. There were 24 fellows enrolled in clinical and research training programs in our department for the 2020-2021 academic year.

Research

The PGY2 residents continue to participate in a 4-month research block under the supervision of various faculty members. During the 2020-2021 academic year, the research curriculum was updated by Dr. Alain Dabdoub and adjustments made to accommodate the new fall dates for the Royal College Examinations. Residents participated in a weekly curriculum to reinforce research concepts such as research design, ethics, presentations and statistical analysis.

Dr. Christopher Noel is continuing to work towards completing his PhD program within the Clinician Investigator Program under the supervision of Drs. Tony Eskander and Natalie Coburn.

Dr. Justin Cottrell is continuing his Master’s degree at the Massachusetts Institute of Technology.

Unfortunately, the Annual Harry Barberian Memorial Dinner and Percy Ireland Dinner were cancelled due to the COVID-19 pandemic.

Research and Teaching Awards
- Dr. Neil Arnstead was recognized by his peers as the Resident Teacher of the Year.
- Dr. Justin Lui was recognized by the residents as the Fellow Teacher of the Year.
- Dr. Joseph Chen was recognized by the residents as the Faculty Teacher of the Year.
- Dr. Eric Monteiro was recognized with the Resident Advocacy Award.

Congratulations to Drs. Weining Yang & Christopher Noel for receiving the 2020 Postgraduate Research Award.
Continuing Professional Development

Members: Paolo Campisi, Al Vescan, Ian Witterick.

Description

Our department has established a reputation of delivering world-class continuing education programs under the University of Toronto brand for community and academic otolaryngologists, otolaryngology trainees, as well as other allied health professionals. We are indebted to our entire faculty who volunteer their time and energy to organize the successful courses that are attended by otolaryngologists and health care professionals from around the world.

The CPD content is delivered through weekly Grand Rounds, visiting professors, named lectureships, interactive as well as hands-on skills courses. Course contents are developed through annual needs assessment and consultation with our residents, fellows, as well as community and academic physicians. We also continued to look for new opportunities to provide leading edge CPD and innovative ways to obtain different categories of maintenance of certification credits, especially in this current changing climate.

Our grand rounds include presentations from visiting professors, guest lecturers, community and academic faculty, fellows, and residents. Our chair along with various education directors coordinate the rounds weekly on Friday mornings from 7:30 – 8:30 am during the academic year. In the past year, our in-person educational activities and grand rounds halted due to the COVID-19 pandemic that started a

Canadian wide shut down in March 2020. Our department quickly pivoted to online delivery of our grand rounds which focused on various topics related to the pandemic from medical ethics, physician wellness, leadership in crisis and restarting otolaryngology office practice.

The visiting professors and guest lecturers enhance our overall educational mission by delivering the newest and most up to date knowledge and research to our faculty and trainees. Our faculty actively seek out and invite national and international leaders in our specialty to bring their expertise to Toronto (see list below). Through philanthropic donations, our department has established funding for annual named lectureships. These include the Binstock University of Toronto – Mount Sinai Hospital Lecture in Head & Neck Oncology, the Bulhooes Lecture, the David Tomlinson Lecture, the Elia Lecture, the Grimm Lecture, the Gallane/O’Neil Lecture, the Head & Neck Cancer Foundation Lecture, the Joseph K.H. Wong/Smile China Lecture, the Krista Riko Lecture, the Lance Connery Lectureship in Head & Neck Cancer, the Nalli Lecture and the Peter and Melanie Munk Lecture.

Our immensely popular interactive and hands-on skills courses are designed to be relevant to the practicing Canadian otolaryngologist-head & neck surgeon. The courses present basic to advanced concepts as well as new and emerging technology. Through unrestricted educational grants from industry support, we deliver our courses at a reduced fee in order to reach a broad audience. The Surgical Skills Centre at Sinai Health has been instrumental

Dr. Yvonne Chan (Director)
in our ability to deliver high quality hands-on skill courses for both faculty and residents/fellows. Many of our CPD courses are held on an annual or bi-annual basis. The University of Toronto Otolaryngology Update is held in February each year sponsored by our Community Academic Faculty. This is the largest gathering of otolaryngologists in the country second to our national Canadian Society of Otolaryngology-HNS meeting by bringing 120-150 of our colleagues for lectures, panel discussions, and interactive video presentations. We endeavour to invite high quality and diverse speakers from all across Ontario/Quebec and now across Canada given its new virtual format in Feb 2021. We had a most successful virtual symposium on the management of otolaryngologic emergencies in June 2021 that engaged otolaryngologists from across the country.

In addition, our departmental faculty is actively engaged in the organization of national and international courses taking place virtually over the last year. The COVID-19 pandemic unfortunately forced cancellation of the in-person annual meeting of the CSO-HNS in June 2020 and in conjunction with the CSO Scientific Program Chair Dr. Vincent Lin and the CPD Chair Dr. Yvonne Chan pivoted to a virtual meeting extravaganza that lasted 7 weeks with continued programing in Fall of 2020. Most recently in June 2021, the World Congress on Thyroid Cancer 4.0 took place virtually under the leadership of Drs. Jeremy Freeman and Ian Witterick who were part of the Steering Committee for this series of successful conferences.

Our department continues to develop a culture of critical reflection on all aspects of learning and teaching to ensure feedback loops are closed and there is dissemination of best practice related to continuing education. I am indebted to our dedicated faculty for their innovation and hard work in providing such excellent CPD programming and I would also like to thank Audrea Martin, our Business Officer, and Safia Amin, our Events Coordinator, for their continued support of our CPD portfolio.

Courses Organized

<table>
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<tr>
<th>DATE(S)</th>
<th>COURSE TITLE (ORGANIZERS)</th>
<th>GUEST FACULTY/INVITED SPEAKERS</th>
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<tbody>
<tr>
<td>June 19, 2021</td>
<td>Otolaryngologic Emergencies: Management Tips and Pearls (Dr. Yvonne Chan)</td>
<td>Dr. Jodi Jones, Assistant Professor, University of Manitoba</td>
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<td>Dr. Tamara Mijovic, Assistant Professor, McGill University</td>
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<td>Dr. Dan O’Connell, Associate Professor, University of Alberta</td>
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<td>Dr. Andrew Thamboo, Clinical Assistant Professor, University of British Columbia</td>
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### Courses organized continued...

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<tr>
<th>DATE(S)</th>
<th>COURSE TITLE (ORGANIZERS)</th>
<th>GUEST FACULTY/INVITED SPEAKERS</th>
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</table>
| February 6, 2021 | Otolaryngology Update (Drs. Paolo Campisi & Yvonne Chan) | Dr. Simon Brisebois, Assistant Professor, Université de Sherbrooke  
Dr. Neil Chadha, Associate Professor, University of British Columbia  
Dr. Christopher Chin, Assistant Professor, Dalhousie University  
Dr. Andrea Darnbrough, Assistant Professor, University of Manitoba  
Dr. S. Hamilton, Kawartha Skin Cancer  
Dr. Amanda Hu, Associate Professor, University of British Columbia  
Dr. Jodi Jones, Assistant Professor, University of Manitoba  
Dr. Jane Lea, Associate Professor, University of British Columbia  
Dr. Danielle MacNeil, Assistant Professor, Western University  
Dr. Marilou Piché, Clinical Professor, Laval Université  
Dr. Kathryn Roth, Associate Professor, Western University  
Dr. Kristine Smith, Assistant Professor, University of Manitoba  
Dr. Mark Taylor, Professor Dalhousie University  
Dr. Jean-Phillipe Vaccani, Associate Professor, Director of Post Graduate Education, University of Ottawa  
Dr. Erin Wright, Professor, University of Alberta |
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<tr>
<th>Date</th>
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<th>Title of Presentation</th>
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<tr>
<td>May 14, 2021</td>
<td>Oliver F. Adunka</td>
<td>Real-Time Monitoring of Cochlear Function During Cochlear Implantation</td>
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<td>William H. Saunders MD Endowed Professor</td>
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<td>Professor &amp; Vice Chair for Clinical Operations</td>
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<td>Director, Division of Otology, Neurotology, Cranial Base Surgery</td>
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<td>Department of Otolaryngology, Head &amp; Neck Surgery</td>
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<td>The Ohio State University Wexner Medical Center</td>
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<td>Director of Pediatric Otology &amp; Hearing Program</td>
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<td>Nationwide Children’s Hospital</td>
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<td>April 23, 2021</td>
<td>Susan J. Mandel</td>
<td>Thyroid Nodules 2021: What to Do in an Era of Multiple Diagnostic Options</td>
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<td>Chief, Division of Endocrinology, Diabetes and Metabolism</td>
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<td>Professor of Medicine</td>
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<td>Perelman School of Medicine, University of Pennsylvania</td>
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<td>April 16, 2021</td>
<td>Yael Bensoussan</td>
<td>Artificial Intelligence in Laryngology – When Humans and Robots Collaborate</td>
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<td>Laryngology Fellow, University of Southern California Voice Centre</td>
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<td>Master (MSc) System Leadership and Innovation - Candidate</td>
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<td>Institute of Health Policy, Management and Evaluation</td>
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<td>University of Toronto</td>
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<td>April 9, 2021</td>
<td>Ivan El-Sayed</td>
<td>Virtual Reality in Skull Base Surgery and Endoscopic Exposure of the Carotid Artery in the Infra Temporal Fossa</td>
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<td></td>
<td>Professor of Clinical Otolaryngology, Director of the Otolaryngology Minimally Invasive Skill Base Surgery Program and Center, Department of Otolaryngology - Head &amp; Neck Surgery, University of California San Francisco</td>
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### Invited Professors/Invited Guests continued...

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<tr>
<th>Date</th>
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<th>Title of Presentation</th>
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<tr>
<td>March 5, 2021</td>
<td>Anand K. Devaiah</td>
<td>Innovation, Action, and Mindset Shifts to Embrace Social Determinants of Health</td>
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<td></td>
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<td>Director, Biomedical and Health Technology Development &amp; Transfer Domain</td>
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<td>Boston University Institute for Health System Innovation and Policy</td>
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<td>Associate Professor Department of Otolaryngology - Head and Neck Surgery</td>
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<td>Department of Neurological Surgery</td>
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<td>Department of Ophthalmology Chair, Electives Curriculum Subcommittee</td>
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<td>Boston University School of Medicine</td>
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<td>Boston Medical Center</td>
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<td>February 26, 2021</td>
<td>Hance Clarke</td>
<td>Perioperative Opioid Crisis Responsiveness: Improving Post-Surgical Pain Practices and Pain Medication Prescribing at Hospital Discharge</td>
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<td>Staff Anesthesiologist Medical Director of The Pain Research Unit</td>
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<td>Department of Anesthesia and Pain Management</td>
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<td>Toronto General Hospital University Health Network Co-Chair Knowledge Translation, University of Toronto Centre for the Study of Pain Co-Lead, Centre for Cannabinoid Therapeutics, University Health Network Associate Professor, Department of Anesthesia, University of Toronto</td>
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<tr>
<td>February 19, 2021</td>
<td>Daniel G. Deschler</td>
<td>Reflections on Parotid Surgery</td>
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<td></td>
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<td>Vice Chair for Academic Affairs Massachusetts Eye and Ear Infirmary Professor</td>
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<td>Department of Otolaryngology-Head and Neck Surgery Harvard Medical School</td>
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<tr>
<td>Date</td>
<td>Name</td>
<td>Title of Presentation</td>
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<tr>
<td>February 12, 2021</td>
<td>Peter Goldberg</td>
<td>Tracheotomy in COVID-19 Critically Ill Patients</td>
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<tr>
<td></td>
<td>Associate Professor of Medicine,</td>
<td>McGill University Associate Member,</td>
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<td></td>
<td>McGill University Head, Critical Care</td>
<td>Department of Surgery, McGill University</td>
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<td>Program, adult sites, McGill University</td>
<td>Health Center Site Director, Intensive Care Unit, Royal</td>
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<td></td>
<td>Head, Critical Care Program, adult sites,</td>
<td>Victoria Hospital Attending Physician,</td>
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<td>McGill University Health Center Site</td>
<td>Intensive Care Unit, Royal Victoria</td>
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<td>Director, Intensive Care Unit, Royal</td>
<td>Victoria Hospital Research Director, Meakins-Chrístie Laboratories, McGill University</td>
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<td></td>
<td>Professor of Otolaryngology – Head &amp;</td>
<td>Neck Surgery Director of the Voice and</td>
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<td>Neck Surgery</td>
<td>Dysphagia Lab Director of the McGill Laryngology Fellowship</td>
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<td>January 22, 2021</td>
<td>Doron Sommer</td>
<td>Intraoperative Parathyroid Autofluorescence and Angiography with Indocyanine Green</td>
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<td>Clinical Professor, Department of Surgery</td>
<td>for the Detection and Preservation of Parathyroid Glands</td>
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<td>– Otolaryngology/Head &amp; Neck Surgery</td>
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<td>Centre with Drs. Jennifer Anderson and Taryn Davids</td>
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<td>January 22, 2021</td>
<td>Frédéric Triponez</td>
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## Invited Professors/Invited Guests continued...

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<td><strong>January 8, 2021</strong></td>
<td><strong>Eric Kezirian</strong></td>
<td>The History and Future of Sleep Apnea Surgery - From UPPP to Hypoglossal Nerve Stimulation and Beyond</td>
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<td><strong>Josie Xu</strong></td>
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<td>Getting Great Outcomes: Teaching Small Groups in Synchronous Online Learning Environments (SOLE)</td>
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<td><strong>Susan Glover Takahashi</strong></td>
<td><strong>Temerty Faculty of Medicine, University of Toronto</strong></td>
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<td><strong>USC Caruso Department of Otolaryngology-Head &amp; Neck Surgery</strong></td>
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<td>November 27, 2020</td>
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<td>Marie Pigeon</td>
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<td>Marc Cohen</td>
<td>Evolution, Challenges, and Opportunities: Optimizing Outcomes in Sinonasal Malignancy and Anterior Skull Base Surgery</td>
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| October 23, 2020 | Jana Lazor  
Director of Faculty Development  
Office of Faculty Development, MD  
Program Associate Professor,  
Department of Family and Community Medicine Faculty of Medicine, University of Toronto | Tips for Virtual Supervision of Learners in OHNS                                      |
|              | Rebecca Saunders  
CBME Fac Devt Administrator  
Post MD Education, Faculty of Medicine, University of Toronto |                                                                                        |
|              | Susan Glover Takahashi  
Director, Education & Research, PostMD Education Integrated Senior Scholar, Centre for Faculty Development & Post MD Education Lead, Faculty  
Cross-Appointed Researcher Associate Professor, Department of Family and Community Medicine Associate Professor, Dalla Lana School of Public Health with Drs. Paolo Campisi, Al Vescan and Neil Arnstead (PGY5), Daniel Lee (PGY4) |                                                                                        |
| October 16, 2020 | Raj Sindwani  
Dept of Otolaryngology, Cleveland Clinic Main Campus | Endoscopic Surgery of the Orbit: Approaches to the Intraconal Space and Beyond       |
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<td>October 9, 2020</td>
<td>Martin Burton, Professor of Otolaryngology, University of Oxford</td>
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<td>September 18, 2020</td>
<td>Ilana J Halperin, Assistant Professor, Division of Endocrinology, Department of Medicine, University of Toronto</td>
<td>Virtual Care - Transformational Change in Practice: Short Term or Here to Stay?</td>
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<td>Susan Glover Takahashi, Director, Education &amp; Research, PostMD Education Integrated Senior Scholar, Centre for Faculty Development &amp; PostMD Education Lead, Faculty Development - CBME Wilson Centre Cross-Appointed Researcher Associate Professor, Department of Family and Community Medicine Associate Professor, Dalla Lana School of Public Health</td>
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<td>Jana Lazor, Director of Faculty Development, Office of Faculty Development, MD Program Associate Professor, Department of Family and Community Medicine Faculty of Medicine, University of Toronto with Drs. Paolo Campisi and Al Vescan</td>
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Our vision is to have a diverse and inclusive world-class research enterprise dedicated to discovery, research, education, and leadership to strengthen our research and impact in the field of otolaryngology – head & neck surgery.

The research in our department continues to thrive as measured by the number and impact of our publications, collaborations across our hospitals and across the world, innovation and discovery in basic, translations, and clinical research as well as increase in funding levels. This was clearly evident on Percy Ireland Day this year where resident, graduate student, fellow and postdoc research excellence was on display. The department continues to put every effort into supporting trainees and their research endeavors.

Three Year Research & Discovery Strategic Plan

We undertook this year developing a three-year research plan for the department currently available on our website. A core committee of Dr. Tony Eskander, Mike Daly and Dr. Chris Noel and co-chaired by Dr. Sharon Cushing and myself put forward the initial plan and worked with members of the Research Committee and conducted internal and external consultations to put together a feasible comprehensive plan with the following main goals:

- Pursue stable funding for research
- Support surgeon scientists, early to mid-career investigators, and trainees pursuing formal research degrees
- Reduce barriers to research collaboration
- Improve quality, impact and educational value of research training

PGY2 Research and Curriculum

Research proposals from our residents continue to be strong and improving. Thanks to Drs. Paolo Campisi and Vincent Lin for evaluating the proposals with me and providing the residents with critical feedback.

We completed the fourth year of the Research Curriculum for the PGY2 at the start of the research block. The reviews and feedback have been very good and steadily improving. Special thanks to Drs. John de Almeida, Andrew Dimitrijevic, Tony Eskander, Jun Lin, and Nik Wolter for their lectures and Andrea Donavan for organizing.

The Departmental Research Committee is comprised of faculty from our core hospitals representing clinical and basic research:

Sinai Health - Dr. Al Vescan

St. Mike’s - Drs. John Lee and Jun Lin

Sunnybrook Health Sciences - Drs. Andrew Dimitrijevic, Tony Eskander, Trung Le, and Vincent Lin.

University Health Network/PMH - Drs. Doug Chepeha and Mike Daly.

Resident representative: Dr. Peter Dixon ended his tenure this year and was replaced by Dr. Chris Noel.

The Research Committee also includes ex-officio members Drs. Ian Witterick and Paolo Campisi.

Looking forward to an even more productive year ahead and thank you for all your contributions.
Members: Jennifer Anderson, Paolo Campisi, Al Chiodo, Alain Dabdoub, Danny Enepekides, Ralph Gilbert, Vicky Papaioannou, Blake Papsin, Ian Witterick [ex-officio].

The DAC are senior members of the department who provide advice to the chair and hospital chiefs regarding all initial status only, clinical adjunct, part-time and full-time appointments, as well as annual reappointments. Two performance reviews of all full-time academic appointments are conducted, first at 18 months then at the end of the probationary period that can be anytime between 3 and 5 years.

The faculty members who served on the committee for the 2020-2021 academic year were:

Kevin Higgins (Chair), J. Anderson (Chief, SMH), Paolo Campisi (HSC and Vice Chair Education), Al Chiodo (Chief, Michael Garron Hospital), Alain Dabdoub (Vice Chair Research), Danny Enepekides (Chief, Sunnybrook), Ralph Gilbert (Chief, UHN), V. Papaioannou (Head, Division of Audiology), Blake Papsin (Chief, HSC) and Ian Witterick (ex-officio)

Approval of Full Faculty Probationary Term Review

On May 12, 2021, the DAC was unanimous in its recommendation to the chair that Dr. Jun Lin be recommended to pass her 3–5-year probationary review. Dr. Lin successfully passed her review and was recommended to transfer into a continuing university faculty appointment.

Approval and Recommendation of New Clinical Adjunct Faculty Appointments

Horace Cheng at the rank of Lecturer
Pia Pace-Asciak at the rank of Assistant Professor

Approval and Recommendation of New Status Only Faculty Appointments

Dario Coletta at the rank of Lecturer
Laurel Palmer at the rank of Lecturer
Maria Simone at the rank of Lecturer

Reappointment review of all Adjunct, Part Time, and Status Only Appointments

The activity reports of all clinical adjunct and part-time faculty members were reviewed at the May 12, 2021, meeting. They were all approved for reappointment for another year.

Academic promotion is an important indicator of achievement in any academic institution. It is a mark of clinical, teaching and research excellence within our community, and we expect that staff recruited into our department will work towards university promotion. At the University of Toronto the standards for academic promotion are high.

Our departmental Promotions Committee membership has always reflected the full range of clinical sub-specialties and research interests in Otolaryngology-HNS. I would like to thank all of the 2020-21 committee members for their valuable assistance: Ralph Gilbert, Jon Irish, Karen Gordon, Blake Papsin, Paolo Campisi, Joe Chen, Doug Chepeha, Danny Enepekides, and Ian Witterick (ex officio).

This year we have the pleasure of seeing the successful promotion of four deserving colleagues. We congratulate Eric Monteiro for his promotion to Associate Professor. To the rank of Full Professor we congratulate Danny Enepekides, David Goldstein and Vincent Lin.

This has been my final year on the Promotions Committee. It has been a great privilege to be a member for the past 35 years and the committee chair since 2006. I have been “involved” in the promotion of almost every present member of our department, and thus familiar with almost all clinical, research and teaching activities of my colleagues. I am very pleased that our departmental chair has chosen Karen Gordon to chair the Promotions Committee into the future.

I am certain that the strong academic reputation of our department will continue on for years to come.
Members: Jennifer Anderson, Paolo Campisi, Danny Enepekides, Ralph Gilbert, Robert V. Harrison, Blake Papsin.

The Budget Advisory Committee aids the Chair in appropriately monitoring and structuring the financial affairs of the department, particularly related to academic stipends. We strive to support new full-time faculty members at an enhanced level to create an environment that allows them to be academically productive. Faculty members understand as we continue to have challenges with our budget. We typically help support our education and research missions through philanthropy including endowed chairs and fund-raising dinners, CPD revenues and we have been frugal with our budget expenditures. With the pandemic, we were unable to hold our usual fund-raising dinners and CPD events so revenues from these areas were down. I want to thank all members of the Budget Advisory Committee for their help and advice. A special note of thanks to Ms. Audrea Martin, our Business Officer, who continues to manage our finances in a commendable way.
The Community Academic Faculty continues to play an active and significant role in all levels of education and research within the department. At the undergraduate level, clinical teachers at all the academies are actively involved in the Clinical Skills 1 and 2 as well as clerkship teaching. Medical students are also being supervised by our community faculty during clinical observerships, both pre-clerkship and clerkship. At the post-graduate education level, trainees continue to rotate through the Michael Garron Hospital, North York General Hospital, Trillium Health Partners, and William Osler Health System. PGY4 residents have a one-month rotation in Facial Plastic Surgery. In addition to residency training, world renowned fellowships in Facial Plastic Surgery are offered by Drs. Jamil Asaria, Oakley Smith, Dr. Andres Gantous, and Dr. Phil Solomon.

Our Community Academic Faculty is involved in Continuing Professional Development of practicing otolaryngologists. We were involved in the planning and sponsorship of the successful 19th Annual Otolaryngology Update in February 2021 held virtually this year due to the COVID-19 pandemic. Even given its new format, it was extremely well attended and highly rated by otolaryngologists across Ontario.

The Distinguished Alumnus Award this year was awarded to Dr. David Goldfarb.

This past year has presented so many challenges. I would like to thank all our committee members for their tremendous commitment and contributions that continue to advance the departmental focus on quality and safety.

The committee chose to focus on opioid stewardship in 2020. In late 2020, a survey of all residents, fellows, and faculty was circulated and demonstrated a great deal of variability in our post-operative pain management practices and, most importantly, overwhelming support for the initiative. This was followed by our annual Quality and Safety Grand Round where Dr. Hance Clarke, from the University of Toronto Department of Anesthesiology and Pain Management, gave a wonderful talk titled “Perioperative opioid crisis responsiveness: Improving post-surgical pain practices and pain medication prescribing at hospital discharge”. Finally, members of the Quality and Safety Committee (Drs. Lin, Monteiro, Shah, and Enepekides) organized the final grand rounds of the year and showcased work being conducted within the department to decrease opioid use following otologic and thyroid surgery and education on opioid alternatives for pain management following general otolaryngology surgical procedures. The material presented including standardized order sets will be included in the departmental website’s section on Quality and Safety which will be redesigned and enhanced over the summer. We hope that these efforts will effect positive change in all of our department’s approach to pain management.

This past year will always be remembered for the COVID-19 pandemic which was the cause of so much pain and suffering for so many. It crippled our abilities to practice and delayed so much of the important care we provide. During this challenging time many of our departmental faculty and members of this committee stepped up and provided important leadership at local, regional, national, and international levels. Dr. Jon Irish was instrumental in leading our provincial response to the pandemic through his exceptional leadership at Ontario Health. His efforts were critical to the provision of as much cancer surgery as possible during the deepest slowdowns of the pandemic and his advocacy is central to the provincial response to our surgical backlog. Dr. Yvonne Chan was the lead author on the Canadian Society of Otolaryngology – Head & Neck Surgery position paper on return to otolaryngology – head & neck surgery clinic practice during the COVID-19 pandemic in Canada. In addition, she, along with Drs. Monteiro, Witterick, and members of our Division of Rhinology contributed to Canadian Society of Otolaryngology – Head & Neck Surgery position paper on rhinologic and skull base surgery during the COVID-19 pandemic. Finally, Drs. Enepekides and Witterick contributed to the American Head

Our committee also continues to have a presence at the Canadian Society of Otolaryngology – Head & Neck Surgery. At this year’s virtual annual meeting, Drs. Irish, Monteiro, Eskander, and Enepekides presented a panel on quality-based procedures in thyroid and head and neck oncology. Dr. Vincent Lin remains the national Choosing Wisely Lead for Otolaryngology and Dr. Enepekides is serving as chair of the Society’s Quality and Safety Committee.

It has been a challenging year that has highlighted our department’s resilience and excellence. I would like to thank the entire committee for another very successful year.
The Audiology Division is composed of a group of audiologists dedicated to research, undergraduate and postgraduate education, as well as continuing medical education within the department. Members of the division under the leadership of Susan Druker provided audiology teaching as part of the otolaryngology curriculum for undergraduate medical students. The core lecture series for the otolaryngology residents took place in September again this year. Kids2Hear, a primary preventative health initiative whereby medical students from the University of Toronto provide school-based hearing and otoscopy screening for elementary school children was cancelled this year due to COVID-19 restrictions. Medical students were highly innovative and pivoted quickly to provide a workshop to teachers at the Toronto District School Board entitled “Identifying Signs of Hearing Loss in the classroom and what to do next”. They hope this has the potential to become a regular part of the Kids2Hear programming! The Krista Riko lecture occurred virtually this year. Marie Pigeon, audiologist at Children’s Hospital of Eastern Ontario (CHEO) and provincial Infant Hearing Program Designated Training Centre lead presented on Newborn Screening Ontario Hearing Loss Risk Factor Screening and the preliminary findings from the first year of screening.
I am pleased to present the annual report on the activities of the Division of Facial Plastic and Reconstructive Surgery for the 2020-2021 academic year. It has been a challenging year for all due to the ongoing pandemic, limited OR time and hospital resources yet, we have been able to continue providing care to our patients and training to our students, residents and fellows.

Our division is comprised of the following individuals: Dr. Peter A. Adamson, Dr. Douglas Chepeha, Dr. David A. F. Ellis (Dr. David Ellis has also retired from clinical practice in March 2021) and Dr. Ralph Gilbert are full professors. Dr. Kryzstof Conrad, Dr. Danny Enepekides, Dr. Andres Gantous, Dr. Michael Brandt, Dr. Robert Mounsey, Dr. Oakley Smith and Dr. Philip Solomon are assistant professors. Dr. Ashlin Alexander, Dr. Jamil Asaria, Dr. Matthew Brace and Dr. Richard Rival are lecturers.

I am very grateful to all the members of the division for their unflagging dedication to our teaching commitments, support and contributions to the division this past year. Our own office personnel have worked tremendously hard during these very challenging times. The continuing help, support and work of the departmental administrative staff is invaluable to our success. The leadership and support of Dr. Witterick, our chairman and Dr. Campisi, our program director is invaluable.

POSTGRADUATE MEDICAL EDUCATION TEACHING Workshops
The Soft Tissue Dissection course was held on November 2020. The course was co-directed by Drs. Brandt and Alexander. This was, as always, very popular the residents.

The Rhinoplasty Dissection course took place in April 2021 and, despite COVID-19 restrictions, was a success.

Mock orals
The preparatory examinations for the PGY5 fellows are given by members of the division, this organized by Gantous and given via zoom this year. Numerous faculty participated.

Fellowships
Currently the division recognizes four fellowship programs in FPRS. Dr. Asaria and Dr. Smith both had an AAFPRS fellow. Drs. Solomon and Rival, and Dr. Gantous had one University of Toronto accredited clinical fellow.

PGY4-5 rotations
Despite the challenge of the lock-down and slow ramp up in surgery, we were able to host several one-month mandatory rotations in facial plastic and reconstructive surgery. Several faculty members also hosted elective rotations arranged by our University
of Toronto residents as well as from other Canadian OHNS programs.

**Out of Specialty PGME teaching**

Dr. Gantous took over the role from Dr. Adamson and continues to present an overview of facial plastic surgery to the Faculty of Dentistry students on alternate years. Dr. Brandt has also become part of that lecture series. Dr. Asaria has also been engaged in teaching dermatology residents. Dr. Alexander has lectured to the plastic surgery residents.

**Continuing Medical Education (CME) Courses**

Numerous members of the division are frequent presenters at meetings such as the Canadian Academy of Facial Plastic and Reconstructive Surgery Annual Clinical Day, Canadian Society of Otolaryngology – Head & Neck Surgery Annual Meeting, American Academy of Otolaryngology – Head and Neck Surgery Annual Meeting, American Academy of Facial Plastic and Reconstructive Surgery Annual Meeting, as well as other international and national meetings. This past year, the lockdown did not stop our division members from this task, it just switched smoothly to zoom.

**Association Activities**

Dr. David Ellis continued to contribute his services to the CPSO as a peer reviewer until his retirement. Dr. Adamson continues as a Senior Advisor to the American Board of Facial Plastic and Reconstructive Surgery (ABFPRS) as well as a board examiner. Drs. Alexander and Asaria contribute oral protocols and written items for the ABFPRS examination. Dr. Asaria represented Canada as a Director on the Board of Directors of the American Academy of Facial Plastic and Reconstructive Surgery (AAFPRS) until September 2020. Dr. Adamson continues as Past President of the AAFPRS. Dr. Gantous is the Canadian Region Credential Committee representative, AAFPRS. Dr. Adamson is a member of the Rhinoplasty committee and the Ethics committee, AAFPRS. Dr. Adamson still serves as President of the International Board for Certification in Facial Plastic and Reconstructive Surgery (IBCFPRS) and is a board examiner. He is also a board examiner for the European Board for Certification in Facial Plastic and Reconstructive Surgery (EBCFPRS). Dr. Gantous served as Treasurer, International Board of Facial Plastic and Reconstructive Surgery Societies, until February 2021. He was elected to the position of Secretary in February 2021. Dr. Brandt is Section of Otolaryngology Delegate to the OMA, Ontario representative to the CSO-HNS and the CAFPRS. Dr. Rival has continued to serve as the President of the CAFPRS.

Many members of the division are peer reviewers for a number of national and international journals in facial plastic surgery, and Dr. Adamson sat on the International Advisory Board of the Journal of the American Medical Association for Facial Plastic and Reconstructive Surgery (JAMA FPRS). Dr. Asaria is now on the International Editorial Board of Facial Plastic Surgery & Aesthetic Medicine (FPSAM). Dr. Gantous is a reviewer for Facial Plastic Surgery.

**PUBLICATIONS**

Several members of the division have remained active writing and publishing their work during this period. Peer reviewed and requested articles as well as book chapters have been undertaken by many of our division members.

In summary, the Division of Facial Plastic and Reconstructive Surgery is committed to continue supporting and advancing the values, mission and goals of our department. Our members remain engaged and eager to advance, be leaders in and teach our subspecialty nationally and internationally.
Division of Head and Neck Oncology and Reconstructive Surgery


In July 2017, Dr. Jonathan Irish became the Head of the Division of Head and Neck Oncology and Reconstructive Surgery and during the first 6 months took the opportunity to complete a strategic planning process. This has resulted in a reinvigoration of the research mission of the division, a reorganization of the fellowship education program and an increased collaboration between the three hospital sites providing head and neck oncological surgical services.

From a clinical care perspective, the three head and neck centres under the University of Toronto umbrella are large volume centres by any measure. The academic productivity, research initiatives, fellowship education program and leadership provided by the division faculty continues to position the division as the pre-eminent program in Canada and one of the most recognized programs internationally.

The Princess Margaret Cancer Centre at the University Health Network is the largest regional program in Canada with 7 full-time head and neck surgical oncologists (Drs. Dale Brown, Doug Chepeha, John de Almeida, Ralph Gilbert, David Goldstein, Patrick Gullane, and Jonathan Irish). The Princess Margaret Head and Neck Program provides a complete spectrum of head and neck services including endocrine, microvascular surgery and minimally invasive approaches including robotic surgery. The program has a strong multidisciplinary translational research program, with four core labs focused on different aspects of head and neck oncology. This program has been strongly supported by the Princess Margaret Cancer Foundation with key donations from the Joe Findlay Fund, the Wharton Family, Kevin and Sandra Sullivan, Neville Thomas as well as the Galloway, Elia, Garron, Epstein, Stroebele and Dorrance families. The Norman and Marian Robertson Charitable Head and Neck Surgical Clinical Trials Program Fund is a recent addition to the support to the program and is dedicated to the support of in-house surgical clinical trials, national or international surgical clinical trials led out of the Princess Margaret and trials in surgical innovation.

The Sinai Health has had a strong collaborative program with the Princess Margaret including multidisciplinary clinics, collaborative research and collaborative clinical care. Sinai Health continues to offer tertiary/quaternary head and neck services with an internationally acclaimed program in endocrine oncology initiated by Dr. Jeremy Freeman. Drs. Witterick, Vescan, de Almeida and Monteiro, in collaboration with the UHN neurosurgery group, provide a world-class program in skull base surgery at Sinai Health and the Toronto Western Hospital. The Sinai Health site has an active and productive molecular oncology program in endocrine and oral cancer.

Dr. Jonathan Irish (Head)
The Sunnybrook/Odette Site offers tertiary/quaternary Head and Neck Oncology Services including Endocrine and Microvascular Surgery. Drs. Enepekides, Higgins and Eskander provide services at the Sunnybrook site and have strong networking programs with the Michael Garron Hospital and Women’s College Hospital. The group at Sunnybrook also has a major presence in the Odette multidisciplinary Skin Malignancy Site Group. The positioning of the Institute for Clinical Evaluative Sciences (ICES) at Sunnybrook positions our faculty there to lead in health services research and Dr. Tony Eskander has led the health services research in head and neck oncology for the division. The establishment of a functional outcomes laboratory and modern outpatient ambulatory care facilities have been recent improvements at the site.

Research

The research productivity will be detailed in the departmental report but some of the major initiatives will be summarized here.

The division is organized into the following research programs: 1) Outcomes Research (lead: David Goldstein), 2) Clinical Trials (leads: John de Almeida, Doug Chepeha), 3) Health Services Research (lead: Tony Eskander), 4) Quality and Safety (lead: Eric Monteiro), and 5) Guided Therapeutics (lead: Jonathan Irish). Under the leadership of Dr. John de Almeida who is the overall division lead-research we have developed a data governance document which has enabled sharing of data and developed governance on data sharing and oversight of data use for academic production. This work has been adopted by the Canadian Association of Head and Neck Surgical Oncology Research Group. From October 2020 to June 2021 the division under the leadership of Dr. de Almeida and the respective program leads have had monthly meetings to develop a research strategic plan which will help guide the divisional collaborative research program over the next 5 years.

The academic productivity in Outcomes Research speaks volumes regarding the research productivity in this area. Most of these projects are mentor-led and are within a single institution. An example of UHN-based work led by Dr. Goldstein is “Frailty as a Predictor of Outcomes in Patients Undergoing Major Surgery for Head and Neck Cancer: A Prospective Cohort Study” which resulted in the Harris P. Mosher Award in recognition of the excellence of his thesis in clinical research submitted to the Triological Society and mentored the Best Poster at the 2019 AHNS Annual Meeting for the poster entitled “Evaluation of Older Age and Frailty as Predictors of Post-Operative Decision Regret”.

An example of Sunnybrook-led projects includes a pilot study of the inflammatory response in oral squamous cell carcinoma by saliva, plasma and tissue analysis led by Dr. Kevin Higgins which is funded by a Canadian Institute of Health Research team grant for $100,000 CAD. Dr. Tony Eskander is completing a study evaluating the effect of tumour volume as a predictor of treatment failure for T3 laryngeal cancer. This is a division-led study including the Princess Margaret and Sunnybrook sites and will include the University of Calgary, University of Manitoba, University of Ottawa, Western University, McGill University and Dalhousie University.

Similarly, Dr. David Goldstein is leading a study determining outcomes in patients with papillary thyroid carcinoma with tracheal invasion which will also involve multiple Canadian sites through University of Toronto leadership.

The Clinical Trials program of the division is very active. David Goldstein continues to co-lead the major trial on active surveillance in early-stage papillary thyroid cancer with CIHR grant support. This trial has now recruited over 200 patients and has moved to multiple sites in Canada. This trial has had significant impact on practice in thyroid oncology and when this study is completed will likely be a practice-changer. Dr. Danny Enepekides is a co-investigator on the Business Lead Networks of Centres of Excellence (BL-NCE) Grant which is dedicated to creating an informational and imaging integrated operating room for the next generation of surgery which has a total project value of $1.5M. Dr. Doug Chepeha led a prospective window of opportunity clinical trial determining the antitumor immune effects of pre-operative sitravatinib and
nivolumab which showed significant clinical and pathological responses in oral cavity cancer. Other active clinical trial projects in the division include ICG assessment of pharyngeal mucosal viability after laryngectomy/pharyngectomy (Higgins, Chepeha) and development of a machine learning risk calculator for outcomes in head and neck cancer (de Almeida). As the co-lead of the Clinical Trials program of the division Dr. John de Almeida has definitely led by example. Dr. de Almeida continues to lead clinical trials particularly in robotic research including the FIND trial—a study to evaluate the use of Transoral Robotic Surgery (TORS) to identify small oropharyngeal carcinomas allowing tailored radiotherapy in unknown primary and small squamous cell oropharyngeal cancers. Findings from this study will be used to better determine which patients may be suitable for more targeted radiotherapy that would lead to a reduction in the total amount of radiotherapy needed as part of their treatment. He leads the University of Toronto participation in ORATOR-2 which is a randomized treatment de-escalation study to formally compare outcomes in HPV-related oropharyngeal cancer tumours treated with a primary radiotherapy versus a primary surgical approach and will lead the UofT participation in ORATOR-3 in HPV-negative oropharyngeal cancers. Finally, Dr. de Almeida is the principal investigator of the SELECT Trial (HN.11) approved by the CCTG and EORTC and has received $3.2M in CIHR funding to compare the effectiveness of two types of radiation treatments for oropharyngeal carcinoma (OPC) to evaluate if lymphatic mapping with Single Photon Emission Computed Tomography (SPECT-CT) imaging can help select patients for ipsilateral versus bilateral radiation and has the opportunity of reducing the volume of radiation for OPC patients. This is the first Canadian Cancer Trials Group (CCTG) in head and neck to receive NCI approval and the trial can now be open through other cooperative groups in addition to CCTG including NRG/ECOG. This is another example of a study that was originally supported by departmental funds like the Barberian Scholarship and Ng/Chui Innovation Fund and also local hospital funds that provide “start-up” support for clinical innovation that can ultimately move to national and international trials.

The Safety and Quality program has been led by Dr. Eric Monteiro. Many of the initiatives have been integrated across the division and has served as an important platform for collaboration. Dr. Monteiro has led the development and implementation of a standardized thyroid ultrasonography reporting program with documentation of nodule characteristics. This implementation was associated with an outcomes trial demonstrating that implementation of an ACR TI-RADS-based reporting form in conjunction with educational initiatives improved documentation of ultrasonographic thyroid nodule characteristics allowing for improved bedside risk stratification. This group has also been involved in the development of local workshops (margin assessment and evaluation in oral cancer), provincial initiatives (development of quality metrics in Quality Based Procedure Funding in thyroid surgery [Monteiro, Irish] and mucosal head and neck cancer [Eskander, Higgins, Irish]) and national and international workshops and symposia (Canadian Society of Oto-Head & Neck Surgery, American Academy of Otolaryngology-Head and Neck Surgery). Dr. Danny Enepekides chairs the Quality and Safety Committee of the department and many of the departmental initiatives also overlap with division initiatives including the development of a standardized reporting format for morbidity and mortality rounds using the OM3 model and initiatives to reduce postoperative opioid ordering for operative procedures.

The Health Services research program has been led by Dr. Tony Eskander. Dr. Eskander is a faculty member at ICES and on the teaching faculty of the Dalla Lana School of Public Health, Institute of Health Policy, Management and Evaluation (IHpmE). Drs. de Almeida and Goldstein are also on teaching faculty on IHPME. Combined with the fact that University of Toronto division faculty are in provincial leadership roles with Cancer Care Ontario—Ontario Health, this allows health services research to translate to policy implementation using funding and quality performance levers. Dr. Tony Eskander is the Principal Investigator on “An
Evaluation of Patterns of Care, Survival and Healthcare Costs in Patients with Head and Neck Cancer” with a prestigious Terry Fox New Investigator Award for $442,614 CAD with Drs. Enepekides and Irish as co-investigators. Dr. Eskander led work with other division members on “Patient-Reported Symptom Burden as a Predictor of Emergency Department Use and Unplanned Hospitalization in Head and Neck Cancer: A Longitudinal Population-Based Study” and “Health Services Research and Regionalization of Care-From Policy to Practice: The Ontario Experience in Head and Neck Cancer” and “A Population-Based Study on NIFTP Incidence and Survival: Is NIFTP Really a "Benign" Disease?”. Health Systems Research output is described in the overall departmental report but the impact of this research at the University of Toronto division is unique in its ability to translate findings into policy impact at the provincial level. Lastly, another product produced by the division group and led by Dr. de Almeida with input from the entire division was the development and validation of a surgical prioritization and ranking tool and navigation aid for head and neck cancer (SPARTAN-HN) in a scarce resource setting which was created in response to the COVID-19 pandemic.

Finally, the Guided Therapeutics (GTx) Research Program, part of UHN’s TECHNA Institute, continues to lead and support research, run translational clinical trials and develop new technologies and interventions in head and neck, skull base, thoracic and sarcoma cancer surgery. This program is led by Dr. Jonathan Irish who is the Director, Clinical Faculty at TECHNA and the program lead for the GTx Program. This research is completed by our multidisciplinary team of surgeons, radiation physicists, engineers, programmers, chemists, cancer biologists, and imaging specialists, using the key GTx infrastructure consisting of the GTx Operating Room (GTx-OR at the Toronto General Hospital) and the GTx-Lab (at Princess Margaret Cancer Research Tower). The GTx Program focused on translational research and development of a broad range of new and continuing research projects:

**Education**

The division directs the American Head and Neck Society Advanced Training Fellowship. Dr. Jeremy Freeman is the Fellowship Director and Dr. Jonathan Irish as the division head chairs the Fellowship Steering Committee with representation from the three hospital sites (Freeman, Higgins, Irish). There is a Fellowship Financial Governance Group (Irish, Freeman, Gilbert, Higgins, Enepekides) that oversees financial considerations related to the fellowship program. The Fellowship Steering Committee is responsible for oversight of the fellowship program including organizing the AHNS Fellowship match participation and interviews as well as organizing the fellowship interview process for non-AHNS match applicants from international medical graduates. The committee also oversees the fellowship rotations and assessments. The education program is overseen by Drs. Higgins and Irish in collaboration with the chief of fellows.

This highly sought-after fellowship program with six clinical rotations and one research position draws applicants from around the world. The program continues to be committed to the development and training the future leaders of our sub-specialty. One of the major initiatives led by Drs. Higgins and Irish is to renew the Fellowship Education Curriculum. This process has incorporated initiatives from the American Head and Neck Society and Canadian Association of Head and Neck Surgical Oncology. In a typical academic year there are 9 fellowship rounds which cover topics dictated by the AHNS Curriculum with 3 journal clubs and 3 special lectures. For three of the rounds per year the division invites previous fellows to act as alumni mentors who may have specialized topic expertise as we continue to strengthen our alumni program. The division continues to attract pre-eminent visiting professors from all over the world for departmental and hospital-sponsored lectures which are presented elsewhere in this report.

The division has a strong relationship with international departments and with the MD Anderson (MDA) and Memorial Sloan Kettering (MSK) faculty are responsible for hosting the
Current Concepts in Head and Neck Surgery
Continuing Professional Development conference. This conference is run annually and features guest faculty as well as faculty from the 3 centres and rotates between Toronto, Houston and New York. Dr. Irish serves as the conference co-chair along with Drs. Ashok Shaha (MSK) and Ehab Hanna (MDA).

Leadership
The faculty provided strong hospital, university, provincial, national and international leadership in otolaryngology and head and neck surgical oncology. Dr. Pat Gullane is still an active mentor for many within the department and in the division and deserves credit for establishing a culture of respect and establishing a platform on which all of the faculty currently at the university division have been able to grow in. Dr. Gullane remains as an important advisor and thought leader and continues to hold The Wharton Chair in Head and Neck Surgery. He continues to be dedicated to develop the head and neck program at UHN and at the university by engaging philanthropic support for the research and educational missions of the division. Dr. Ralph Gilbert is the chief of otolaryngology-head & neck surgery at UHN and has been in that role for 8 years. Since 2018, Dr. David Goldstein has been the site lead for the Endocrine Site Group at Princess Margaret. At the provincial level, Dr. Irish is the Provincial Head for Surgical Oncology at Cancer Care Ontario-Ontario Health and in 2020 is the interim Provincial Clinical Lead for Cancer Care Ontario-Ontario Health and in that capacity is responsible for all cancer services in the province. He remains the Provincial Clinical Lead for Access to Care in Ontario Health.

Dr. Ian Witterick is the chief of otolaryngology-head & neck surgery at the Sinai Health incorporating the Mount Sinai Hospital and currently professor and chair of the university department. Dr. Witterick is also chair of the MAC at Sinai Health. Dr. Jeremy Freeman previously was the chief of otolaryngology-head & neck surgery at Sinai Health and currently serves as the fellowship director for the division. Recognizing Dr. Eric Monteiro’s commitment to quality and safety, he was made course director for the certificate course in quality improvement at the Centre for Quality Improvement and Patient Safety (CQUIPS) at the University of Toronto.

Dr. Danny Enepekides is the Chief of Otolaryngology-Head & Neck Surgery at Sunnybrook Health Sciences Centre, the Chief of Surgical Oncology and the Regional Lead for Surgical Oncology in Toronto Central North for Cancer Care Ontario-Ontario Health. At the University level Dr. Enepekides chairs the Quality and Safety Committee for the department with many initiatives being already described elsewhere in this report. Dr. Kevin Higgins is the Head and Neck Site Chair at the Sunnybrook Odette Cancer Centre.

Many of the faculty of the department play significant leadership roles in developing quality improvement initiatives and driving improvements in access to care and access to quality care at the provincial level serving on many Cancer Care Ontario-Ontario Health Working Groups, Expert Panels and Committees. Some of the notable leadership commitments include Dr. Kevin Higgins (CCO head and neck site group, CCO skin site group), Dr. Tony Eskander (Head and Neck Quality Based Procedures [QBP] Working Group), Dr. John de Almeida (Head and Neck QBP Working Group) and Dr. Eric Monteiro (Endocrine QBP Working Group).

The national and international impact of the division faculty is an enormous one. The division members continue to be highly sought after as keynote speakers in many national and international conferences and meetings which are describes in the overall departmental report. Many members of the division have national and international leadership positions some of which are documented here.

Drs. Gilbert, Gullane and Witterick have been invited faculty on the 4-6 week International Federation of Head and Neck Oncologic Societies (IFHNOS) World Tours (https://ifhnos.net/world_tours.html). IFHNOS is a
global organization established through cooperation of national and regional societies and organizations in the specialty of head and neck surgery and oncology with membership from national and regional multidisciplinary organizations, representing 65 countries. Dr. Gullane has served on the Executive Committee and Dr. Witterick serves on the Board of Directors of the Global Online Fellowship program. Our department, along with Memorial Sloan Kettering Cancer Center and MD Anderson Cancer Center accept international observers in the program for a period of up to 2 months (https://ifhnos.net/online_education.html).

Dr. Ian Witterick completed his term as President of the Canadian Society of Otolaryngology–Head & Neck Surgery (CSO–HNS) and provided sage oversight and leadership during the COVID-19 pandemic for otolaryngologists across the country in an unprecedented time. Despite the challenges created by the pandemic he and his CSO–HNS team were able to deliver an outstanding annual meeting and other CPD events throughout the year. In AHNS leadership, Dr. Irish remains as a Past-President with his term ending in 2022 and Dr. Ian Witterick was elected Section Chair for Skull Base and Dr. Danny Enepekides was elected Section Chair for Salivary Gland. The establishment of the Canadian Association of Head and Neck Surgical Oncology (CAHNSO) has provided further opportunities for leadership for members of the division. Dr. Kevin Higgins is Executive Committee Member, Canadian Association of Head and Neck Surgery and also is the Ontario Regional Representative and Executive Member at the Canadian Society of Otolaryngology–Head & Neck Surgery. In addition, Dr. Tony Eskander has organized and now chaired the Collaborative Research Initiative at CAHNSO with strong participation and support particularly from Drs. Goldstein and de Almeida. This initiative has developed into a strong collaborative force for head and neck oncology research in the country.
Division of Rhinology

Dr. John Lee (Head)


This past year has marked an incredibly productive time period for the Division of Rhinology despite still adjusting to the new challenges of the pandemic. While all of us have had to deal with the stresses of temporary clinical closures/slow-downs due to the pandemic waves, our divisional members have remained committed to the academic mission of our department. Our fall divisional meeting was held virtually on September 24, 2020 which was well attended by all members and served as a great springboard to the upcoming year as well as to catch up “virtually” with one another. This led the way to a busy year with many of our faculty delivering numerous teaching sessions, talks and publishing several papers in the field of rhinology/skull base surgery. Below are some of the highlights.

Education Activities

The previous year was the first time in over a decade that the annual resident sinus surgery dissection course was cancelled due to the pandemic. Thankfully, due to vaccinations and careful planning, we were able to re-unite and organize an in-person cadaveric dissection course on April 17th, 2021. By dividing the trainee cohorts into morning and afternoon sessions to maintain adequate social distancing, the residents thoroughly enjoyed being able to have their own individual dissection station with many of our faculty to provide hands-on teaching (Drs. Lee, Witterick, Chan, Vescan, Monteiro, Gevorgyan, Fox, Werger, Wolter, Yip, Banglawala, Dalgorf). This was a tremendously successful event that was enjoyed thoroughly by both residents and staff who had not gotten together in-person for over a year. As we adapt to living in the pandemic, being innovative in how we deliver educational courses may in fact provide even greater experiences to our trainees.

This past academic year also saw many of our faculty help deliver teaching sessions for the rhinology core lectures which are given to the PGY2-4 residents. This year, Drs. Lee, Vescan, Chan, Witterick, Yip, Wolter, Banglawala and Dalgorf all gave virtual lectures to the residents during the Friday morning teaching sessions. This takes many hours of preparation from our faculty so I am grateful for all their continued dedication to our educational mission.

Academic Activities

Unfortunately, COVID-19 has continued to have a huge impact on academic activities as clinical in-person research was on-hold for much of the academic year. Nonetheless, our members have continued to find ways to be academically productive and continue to be involved in many of the national and international meetings. Firstly, at the 2020 Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting (virtual), a total of two scientific oral presentations were given by trainees and supervised by three of our faculty.
members (Drs. Lee, Chan, Yip). In addition, Dr. Chan was an instructor during the frontal sinus masterclass workshop. At the 2021 North American Skull Base Society Virtual Symposium, Drs. Monteiro, Lee, Witterick and Vescan supervised a trainee scientific presentation on the management of internal carotid artery injury during transnasal endoscopic surgery. And finally, at the 2021 American Rhinologic Society Spring Meeting at COSM (virtual), Dr. Lee supervised a trainee presentation on the risks of HPA-axis suppression and intranasal corticosteroids. Overall, 23 manuscripts were published this past academic year in the fields of rhinology/skull base surgery by several of our faculty members (Drs. Banglawala, Chan, Dalgorf, de Almeida, Gevorgyan, Lee, Leung, Monteiro, Vescan, Witterick, Yip). This level of productivity continues to show the academic commitment shown by both our academic and community affiliated members. I am excited to watch our division continue to grow especially as we are finally anticipating the resumption of clinical research activities this upcoming academic year.
This year has been very eventful for our hospital department as is the case I am sure across the university campus. The focus was narrowed to simply maintaining our ability to care for the children who needed us and still ensuring the academic and educational requirements of our departmental members and trainees was attained. Our volumes were significantly diminished in clinic and in the operating room as we and the health care community in Ontario struggled to deliver care during the pandemic.

Our team and hospital both absorbed a significant proportion of pediatric inpatient care from our region to free up space for adult patients in our community and also cared directly for a cohort of adult patients admitted to our intensive care facility. We maintained our academic schedule as closely as we could to normal and partnered with our trainees to both learn and deliver care in this challenging environment.

Our campus continued to plan for redevelopment during this time and saw the demolition of the McMaster building and the beginning of construction of the new tower planned to house support staff and clinicians. Otolaryngology-HNS will not likely be moving to this new facility but will instead be moved to a newly renovated space on the 9th floor of the Burton Wing, where we currently reside on the 6th floor. A significant amount of work has gone into designing our new space and the tentative moving date is 2023. There is significant shared space in this new design and this compact unit will be our home for a decade. This new space will house otolaryngology-HNS, audiology, and speech and language pathology. This new space will also maintain a small footprint for our clinical research team.

Our research team is slowly changing with the impending retirement of Dr. Robert Harrison who has significantly contributed to the hospital and the university’s profile over his career. Dr. Karen Gordon has assumed the leadership of our research portfolio in addition to becoming chair of the university’s Promotion Committee. She has brought a new audiologist, Melissa Hazen, into the clinician/scientist track to focus on vestibular science. Karen’s laboratory is prospering and has been working hard to overcome obstacles imposed by the pandemic.

Our administrative team has also been restructured to provide care in these challenging times. Flexible work scheduling and remote care have become part of our strategy as we aim to deliver care with limitations imposed by the ministry. We predict that some of these arrangements will persist after the current restrictions have been lifted as we have realized benefit from these strategies for both staff and patients. Certainly these strategies will be
implemented when we move to our smaller geographic space as outlined above. Central to our success has been the efforts of Vicky Papaioannou who continues to improve our administrative productivity.

The consultant staff have continued to execute their academic and clinical activities successfully using remote presentations to contribute to academic departments and professional societies. We have trained 21 residents and 2 fellows over the past year and successfully matched fellows for our upcoming year virtually.

The Department of Otolaryngology-HNS at SickKids remains healthy and increasingly able to efficiently deliver high quality pediatric otolaryngology-HNS care to Ontario’s children in addition to fulfilling the academic mission of our university department. We are well positioned for another successful year.
Dr. Al Chiodo 
(Otolaryngologist-in-Chief)

CLINICAL ACTIVITIES
This year has seen many changes for our hospital with the new hospital redevelopment which is slated to be completed in 2022. The Ralph and Rose Chiodo family donated a half-million dollars toward the new Otolaryngology-Head & Neck Surgery Clinic as part of the new hospital redevelopment along with new operating room equipment. This donation will provide state-of-the-art equipment and clinic space with 3 examination rooms and 1 minor procedure room which will house the otolaryngology-head and neck surgery teaching clinics along with the multidisciplinary thyroid clinics.

Our department divides its surgical services between outpatient and inpatient surgical services spanning the subspecialties of pediatric otolaryngology-head & neck surgery, otologic surgery, sinonasal surgery, laryngology facial plastic surgery, and head and neck endocrine surgery. Table 1 outlines the pre-covid clinical and surgical activity of our hospital department. The majority of inpatient volumes consist of pediatric inpatient surgery and head and neck surgery. The bulk of the head and neck surgery arises from our thyroid program. COVID-19 unfortunately has had a significant impact on surgical volumes and clinical volumes due to the lockdown effects of the 3 waves during the pandemic.

<table>
<thead>
<tr>
<th>Table 1-MGH Clinical Yearly Volumes (pre-COVID)</th>
<th>Volume</th>
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<tbody>
<tr>
<td>1. Surgical Volumes</td>
<td></td>
</tr>
<tr>
<td>a. Inpatient surgery volumes</td>
<td>723</td>
</tr>
<tr>
<td>b. Day surgery volumes</td>
<td>884</td>
</tr>
<tr>
<td>2. Inpatient admissions excluding</td>
<td>75</td>
</tr>
<tr>
<td>inpatient surgery volumes</td>
<td></td>
</tr>
<tr>
<td>3. Outpatient volumes</td>
<td></td>
</tr>
<tr>
<td>a. ENT clinic</td>
<td>5906</td>
</tr>
<tr>
<td>b. Thyroid DAU</td>
<td>663</td>
</tr>
<tr>
<td>4. ER consultations</td>
<td>200</td>
</tr>
</tbody>
</table>

Dr. Hubbard heads up our otology program in our department offering patients in the TEHN (Toronto East Health Network) catchment area otologic surgery services including mastoidectomy and middle ear surgery. Dr. Hubbard also heads up our vestibular and audiology labs located adjacent to otolaryngology-head and neck surgery clinic in the out-patient department allowing for seamless care for out-patients with otologic issues. An addition of a new microscope and laser attachment will also afford our patients with wider surgical options for their otologic surgery along with

FACULTY
William El Masri
Danny Enepekides (P/T)
Tony Eskander
David Goldfarb (P/T)
Everton Gooden (P/T)
Kevin Higgins (P/T)
Bradley Hubbard
Thileep Kandasamy (P/T)
Manish Shah (P/T)
Oakley Smith
Jason Xu (P/T)
providing more options for managing our laryngology patients.

In addition to our new otology program, we have an established thyroid cancer program under the direction of Dr. Eskander. The foundation of the program is the multidisciplinary thyroid clinic at the hospital which brings together the Departments of Otolaryngology-Head & Neck Surgery, Endocrinology, Diagnostic Imaging, and Pathology. The Thyroid Multidisciplinary Clinic allows us to provide patients with ultrasound needle biopsy services at the same time as their multi-disciplinary consultations with otolaryngology-head and neck surgery and endocrinology. Surgically. Our thyroid cancer QBP volumes pre-COVID-19 were close to 300 cases due to the hard work of Drs. Chiodo, El Masri, Enepekides, Eskander, Higgins and Hubbard.

In our sinus surgery program, an updated image-guided system has allowed us to continue to offer exacting sinus surgery for our patients. In our facial plastic surgery program, Dr. Smith has established his surgical focus in nasal reconstruction and cosmetic nasal surgery in addition to providing an American Academy of Facial Plastic Surgery approved fellowship along with offering the resident first-hand experience in this area of surgery. We continue to deliver pediatric surgical services including adenotonsillectomy and myringotomy and tubes along with congenital masses.

EDUCATION

1. Undergraduate Medical Education

Dr. Hubbard as the assistant director of undergraduate medical education for our University of Toronto department has continued to direct the pre-clerkship curriculum for the university department. Our hospital department is involved in courses at every level of undergraduate training such as ICE 1, ICE 2, MMMD, Clerkship, and the Transition to Residency course. The otolaryngology-head & neck surgery clerkship at MGH/TEHN was established 9 years ago as a pilot project and because of its success, this community-based clerkship model was rolled out across the city in other community sites. Our clinical clerkship program provides 24 clerks from the Wightman-Berris Academy to obtain community-based otolaryngologic education. During the pandemic, we also provided clerkship rotations for students from the Mississauga Campus. Each year, we have had elective and selective students from the University of Toronto along with other medical schools across Canada. We have also provided clinical elective and research opportunities for students from the Royal College of Surgeons in Ireland. Moreover, MGH/TEHN has had consistently high rotation effectiveness scores for the undergraduate curriculum and clerkship.

2. Postgraduate & Continuing Medical Education

Our department has participated in the residency program since the early 1990s with regular rotations starting in 1999. Dr. Hubbard represents our department on the university department Postgraduate Committee. We have consistently had high rotation effectiveness scores and teacher effectiveness scores year after year. Residents continue to have high surgical volumes as primary surgeons in pediatric, sinus, otologic, endocrine, laryngologic, and facial plastic surgeries. The rotation provides a “Transition to Practice” rotation for final-year residents. The otolaryngology-head & neck surgery resident continues to maintain a well-attended resident clinic in community otolaryngology-head & neck surgery (pre-pandemic). Dr. Chiodo was able to present on otolaryngology-head & neck surgery practice management to final year residents in 2020. Dr. Smith was a course codirector for the Rhinoplasty and Soft Tissue Course through the University of Toronto, which is a nationally attended course. In addition, our department has provided weekly clinical instruction to all family practice residents at TEHN. We do provide an annual lecture series in common otolaryngologic topics for the TEHN family practice residents.

RESEARCH

Since 2017, as head of the thyroid program at MGH, Dr. Eskander has been able to publish 7 research papers covering thyroid cancer in high-impact
journals with one research paper submitted for publication. He also had 2 poster presentations, 3 oral presentations, and 3 workshops/panels dealing with thyroid cancer. Future endeavors will focus on the development of a day-surgery thyroid program with a paper recently published in the Frontiers of Endocrinology. Drs. Chiodo, Hubbard, and Eskander have published a paper on patient perspectives on the removal of common otolaryngologic procedures from the government insurance plan. Dr. Chiodo presented university grand rounds on HPV-Positive Oropharyngeal Carcinoma: how to facilitate an early diagnosis which led to the development of an educational slide-deck for family physicians. Finally, Drs. Chiodo, Hubbard, and Eskander have participated in the John Bradley Summer Research Program researching virtual care in otolaryngology-head and neck surgery along with patient anxiety awaiting thyroid surgery amidst COVID-19 and patient attitudes toward same-day thyroidectomy during the pandemic. The research program is a collaborative summer research program between the University of Toronto and the Royal College of Surgeons in Ireland.
The Division of Otolaryngology-Head & Neck Surgery at North York General Hospital (NYGH) is staffed by four full-time surgeons (Drs. Everton Gooden, Manish Shah, Thileep Kandasamy and Jason Xu). Dr. Josie Xu will be joining our division as a clinical associate in the fall of 2021 after completing her fellowship in sleep surgery at the University of Southern California.

Dr. David Goldfarb passed away peacefully from pancreatic cancer at his home on June 25, 2021 at the age of 61. David graduated from medical school in 1985 and completed residency in otolaryngology-head & neck surgery at the University of Toronto in 1991. He served as Otolaryngologist-in-Chief at NYGH for 10 years. In recognition of his standing in our department, he was recently presented with the *Distinguished Alumnus Award*, for exceptional commitment and dedication to the practice and teaching of otolaryngology and for professional ethical standards of the highest order.

Our ambulatory clinic provides a full range of otolaryngology services and is supported by 5 full-time audiologists under the direction of Dr. Gina Oh. The clinic continues to participate in the Infant Hearing Program in partnership with the City of Toronto Public Health.

**Education**

Dr. Manish Shah serves as our education co-ordinator. The resident and student rotation remain very popular despite the disruptions seen as a result of the COVID-19 pandemic. The clerkship rotations which was suspended as a result of the pandemic will resume in the fall of 2021.

Dr. Gooden received the *Excellence in Community Based Teaching Award* from the University of Toronto.

**Leadership**

Dr. Gooden continues to serve as Director on the NYGH Foundation Board of Governors and is Chair of the Nomination and Governance Executive Committee for the Foundation Board.

Dr. Manish Shah continues to serve on the Medical Staff Association as Secretary Treasurer.
Mount Sinai Hospital (MSH), Joseph and Wolf Lebovic Complex is part of Sinai Health (SH), together with Bridgepoint Active Healthcare, Circle of Care and the Lunenfeld Tanenbaum Research Institute (LTRI).

SH is undergoing a transformative renovation over a multi-year period. The 7th floor has been redeveloped into 19 new state of the art operating rooms. The 5th floor is being repurposed into a new 36-bed intensive care unit and the emergency department is being expanded by 40%. As part of this process, we have made several moves of our clinic space to accommodate renovations.

The Microbiology Lab has been widely recognized for their leadership in pandemic response. The LTRI continues to help COVID research with 66 external grants totalling more than $15 million in funding for new COVID-19 research projects. The LTRI is a leading biomedical research centre, ranking amongst the top biomedical research institutes in the world.

Our department has a broad capability and skill set with expertise in head & oncology including endocrine oncology, rhinology and anterior skull base surgery. We have multiple faculty who provide general otolaryngology care and specialized multidisciplinary clinics in thyroid oncology, skull base oncology, voice disorders and mouth disease. Several of our faculty are actively involved with Princess Margaret Cancer Centre multidisciplinary clinics.

We have five full-time clinical faculty (Drs. Jerry Chapnik, Jeremy Freeman, Eric Monteiro, Allan Vescan and Ian Witterick). Part-time faculty include Drs. Robert Burke, Yvonne Chan, Kris Conrad, Taryn Davids, John de Almeida, Vinay Fernandes, Michael Roskies, Manish Shah and Xerxes Punthakee. There is an active basic science research program developing biomarkers for oral and thyroid cancers.

Dr. Taryn Davids along with speech language pathologists, conduct multi-disciplinary voice clinics. Drs. Yvonne Chan and Iona Leung (Dentistry) continue to run regular Mouth Clinics for the management of patients with challenging mouth disorders. Multidisciplinary clinics are held and thyroid oncology rounds are held monthly. Skull base clinics have been on hold during the pandemic.

Sinai Health remains a popular rotation for residents and fellows. We provided learning opportunities as best as possible during the pandemic for both undergraduate and postgraduate learners. Our usual
off-service rotations for PGY1 residents in other specialties was limited due to the pandemic and there was a Canadian wide moratorium on medical student electives except for University of Toronto medical students. There are two fellows at SH, one who rotates in the Head & Neck Oncology Fellow’s rota and one who works for 12 months with Drs. Monteiro, Vescan and Witterick in the Rhinology, Skull Base and Head & Neck Oncology Fellowship.

Dr. Vescan directs undergraduate medical education, Dr. Monteiro directs the Head & Neck Oncology fellowship and Drs. Monteiro, Vescan and Witterick direct the Rhinology, Skull Base and Head & Neck Oncology Fellowship. Dr. Monteiro teaches at the University of Toronto’s Centre for Quality Improvement and Patient Safety (CQIPS) and is the Course Director for the Certificate Course in Quality Improvement and Patient Safety.

**Advancement**

In past years, the SH Foundation, the Barberian Family and Dr. Freeman have organized the Annual Harry Barberian Memorial Dinner which unfortunately has been on hold during the pandemic. This dinner has raised more than $650,000 for research; the proceeds have provided significant research scholarships to residents, fellows and faculty across our university department through a competitive peer-reviewed grant mechanism. The Foundation has also announced “The Jeremy Freeman Chair in Surgical Oncology”. Through generous donations, we are re-establishing a nasal function laboratory.

**Leadership**

For the University department, Dr. Vescan is the Director of Undergraduate Medical Education, Dr. Monteiro is the newly appointed Postgraduate Education Assistant Program Director, Dr. Freeman is Director of the Head & Neck Oncology Fellowship, Dr. Chan is the Director of Continuing Professional Development and Dr. Witterick is Chair of the department responsible for the overall education mission.

Dr. Monteiro is very much integrated into Quality & Safety at SH. He is Co-Chair of the Sinai Health System Perioperative Quality and Safety Committee, member of the NSQIP Working Group, member of the System Quality of Care Committee and our representative on the Quality and Patient Safety Committee.

Dr. Witterick is President of the CSO-HNS and Dr. Chan is Chair of CPD/CE. Dr. Witterick is Vice-Chair of the Skull Base Section of the American Head and Neck Society and Drs. Freeman and Witterick are members of the Steering Committee for the World Congress on Thyroid Cancer (the largest meeting in the world dedicated to thyroid cancer).

We are most thankful to our hospital leadership, committed faculty, learners, nurses, administrative staff and allied health professionals who make our hospital so great and an amazing place to work.
Dr. Danny Enepekides  
(Otolaryngologist-in-Chief)  

The Department of Otolaryngology–Head & Neck Surgery at Sunnybrook Health Sciences Centre faced unprecedented hardships this year. The COVID-19 pandemic deeply impacted all our clinical and research programs and challenged us to deliver the exceptional care we are renowned for. Despite the multiple shutdowns, the constant patient screening, a year behind masks, and an 80 bed tent hospital built on campus, the incredible Sunnybrook family managed to have another very successful year. The pandemic showcased our strength, resilience, resolve, work-ethic, and team spirit.

Despite COVID-19, there were many accomplishments in 2020. This year we established the Nanji Head and Neck Surgery Centre, made possible by a very generous donation from the Nanji family. This investment in otolaryngology at Sunnybrook Health Sciences Centre has allowed us to create a state-of-the-art outpatient clinic with expanded endoscopic abilities including trans-nasal esophagoscopy, three ultrasound units that will enhance biopsy capabilities and will lead to the establishment of a new multidisciplinary Endocrine Cancer Clinic, a new procedure room to allow for otologic and minor head and neck surgery under local anesthesia, and a cutting-edge laryngology suite. All exam rooms will have high-definition monitors that will enhance the learner experience. In addition, our waiting room will now better address the needs of our hearing and vision impaired patients. This new space will complement the great clinical programs at Sunnybrook and has allowed us to support Dr. Jun Lin and expand our laryngology program.

The department has enjoyed significant philanthropic support over the years. The Sonja Koerner Inner Ear Research Program, led by Dr. Alain Dabdoub, continues to receive invaluable support from the Koerner Family. The Sunnybrook Cochlear Implant Laboratory, led by Dr. Andrew Dimitrijevic, owes its success to the continued support of the Mason Family. Finally, this year fellowship education in head and neck oncology – microvascular surgery was supported by a generous donation from the Federer family.

Our faculty continue to provide leadership at multiple levels. Dr. Alain Dabdoub is currently Vice Chair of Research for the university Department of Otolaryngology–Head & Neck Surgery. Dr. Vincent Lin serves as the OMA otolaryngology section chair, the Choosing Wisely Canada Otolaryngology lead, and the non-oncologic otolaryngologic lead for Cancer Care Ontario. In addition, he was the Scientific Program Chair for this year’s CSO-HNS annual virtual meeting. Dr. Chen continues to be the provincial coordinator for the Ontario Cochlear
Implant Program and the Health Technology Assessment (HTA)-Clinical Lead, Health Quality Ontario (HQO). Dr. Kevin Higgins continues to serve as the head and neck oncology lead at the Odette Cancer Centre and is the Ontario regional representative for the Head and Neck Council of the CSO-HNS. He was also recently appointed as the educational lead for the Canadian Association of Head and Neck Surgical Oncology. Finally, Dr. Enepekides serves as the Chief of Surgical Oncology at the Odette Cancer Centre, the Regional Surgical Oncology Lead for Toronto Central North, the Quality and Safety Committee Chair for the Canadian Society of Otolaryngology – Head & Neck Surgery and was recently appointed chair of the Salivary Gland Section for the American Society of Head and Neck Surgery.

The department continues to actively participate in outreach. The University of Toronto Department of Otolaryngology – Head & Neck Surgery has been sending up a team of staff otolaryngologists, including Dr. Vincent Lin, to provide clinical and surgical services at the Sioux Lookout Meno Ya Win Health Centre. Along with a complement of residents, Dr. Lin travels to Sioux Lookout with the team every 6 months and typically sees approximately 300 outpatients and performs 3-4 days of surgery per trip. The area is highly underserviced from a specialist standpoint and the breadth of pathologies seen is immense. Drs. Enepekides and Higgins continue to work with the Canadian Ukrainian Foundation and the Sunnybrook Ukraine Surgical Education Initiative to provide education and training in head and neck reconstruction to surgeons in war-torn Ukraine. Unfortunately, the pandemic prevented the team from travelling to the Ukraine but the two participated in a very successful national virtual symposium that brought the Sunnybrook team together with over 300 oral-maxillofacial surgeons, plastic surgeons, and otolaryngologists from across Ukraine for two days of virtual workshops, panel discussions, instructional videos, and lectures. Under Dr. Higgins’ leadership a longitudinal training program in microsurgery has been created that will hopefully lead to successful free flap surgery in the Ukraine.

The department remains one of the most highly regarded training sites by residents and fellows. This year Dr. Joseph Chen was named the University of Toronto Department of Otolaryngology Faculty Teacher of the Year. Dr. Chen has received this prestigious award four times, the most by any faculty member since inception of the award. Dr. Danny Enepekides received the 2020 William Dixon Sunnybrook Surgical Teaching Award. The award is given to a Sunnybrook surgeon from any of the operative specialties who has made the biggest impact on resident and fellow development and evolution as a mentor. Finally, Dr. Antoine Eskander was awarded the University of Toronto Institute of Health Policy, Management, and Evaluation mentorship Award. These awards reflect the department’s commitment to education.

The department’s academic research programs in inner ear regeneration, cochlear implantation, and health services research continue to enjoy great success. The remarkable productivity of these programs is detailed in the department’s research reports. The academic highlight of the year was the promotion of Drs. Vincent Lin and Danny Enepekides to full professor of otolaryngology-head & neck surgery.

Despite all these wonderful accomplishments, 2020 will always be remembered for the COVID-19 pandemic. I would like to thank our tireless residents and fellows who courageously looked after our patients in the early days of the pandemic, our audiologists and cochlear implant team who continued to serve a patient population crippled by mandatory masking, and our great office staff who continued to welcome patients to our clinic for urgent care. Without our incredible team none of these accomplishments would have been possible.
Trillium Health Partners
(The Credit Valley Hospital, The Mississauga Hospital and Queensway Health Centre)

**Dr. Yvonne Chan**
(Otolaryngologist-in-Chief)

Trillium Health Partners is a hospital system comprised of the Credit Valley Hospital, Mississauga Hospital, and Queensway Health Centre. Trillium Health Partners is one of Canada’s largest leading academically-affiliated health centres with highly-specialized regional programs in Advanced Cardiac Surgery, Geriatric Mental Health Services, Hepato-Pancreato-Biliary Services, Neurosurgery, and Vascular Surgery Services. The hospital system has 1,397 beds and had over 1.64 million patient visits in the last year.

**Our Faculty**

The Division of Otolaryngology – Head & Neck Surgery at Trillium Health Partners comprises of 11 members (Drs. Glenn Beard, Yvonne Chan, Joseph Chen, Janet Chung, Aman Grewal, Andrew Ma, Jeffrey Mendelsohn, Karim Nazarali, Lorne Segall, Adam Toth, and Sandra Vojvodich). Our division members provide excellent general otolaryngology care to our community at large and subspecialty care in otology and rhinology. We also have a strong presence in head and neck endocrine surgery and pediatric tonsil/adenoid surgery. Dr. Andrew Ma is our newest division member who has a fellowship in otology, specifically endoscopic ear surgery. In April 2021, Dr. Chan took the position of Otolaryngologist-in-Chief at St. Michael’s Hospital and transitioned her office-based practice to a hospital-based one.

**Education**

Our division members continue to play an active and significant role in all levels of education at the Mississauga Academy of Medicine (MAM). At the undergraduate level, we are actively involved in the Clinical Skills 1 and 2 teaching in small groups and clerkship teaching in our otolaryngology ambulatory clinic.

At the post-graduate education level, PGY4 trainees continue to rotate through THP as part of their community otolaryngology experience. Our rotation has been consistently highly ranked by the residents over the years because of the unique opportunity that during this rotation, they learn the practicalities of running a practice as well as clinical skills and excellent one-on-one operative experience with the various faculty.

The THP Family Medicine Teaching Unit PGY1 and 2 residents regularly select otolaryngology as their elective at our offices to strengthen their head and neck knowledge and clinical management of otolaryngology presentations.

**FACULTY**

D. Glenn Beard  
Joseph Chen (P/T)  
Janet Chung  
Aman Grewal  
Jeffrey Mendelsohn  
Karim Nazarali  
Lorne Segall  
Adam Toth  
Sandra Vojvodich
Leadership

Thank you to Dr. Janet Chung for her continued service as the postgraduate education lead and Drs. Aman Grewal and Jeff Mendelsohn for their hard work as the undergraduate education co-leads. Dr. Chan is the Director of Continuing Professional Development and is the liaison for the Community Academic Faculty at the university department. At the Canadian Society of Otolaryngology – Head & Neck Surgery (CSO), Dr. Chan is the Continuing Professional Development Committee Chair and is the current chair for the Rhinology Canadian Working Group. Also at the CSO, Dr. Chan is the mentorship/leadership representative at the Women in Otolaryngology Canada section.
Unity Health Toronto -
St. Joseph’s Health Centre

**Dr. Andres Gantous**
(Otolaryngologist-in-Chief)

St. Joseph’s Health Centre is celebrating its 100-year anniversary serving the west end of Toronto. It provides healthcare to a well-established, multicultural community that has constantly diversified over the decades. It has been able to maintain a reputation for excellence as a community hospital as well as an academic teaching hospital affiliated to the University of Toronto.

The division of OHNS is currently comprised of five physicians with diverse clinical interests and subspecialties including rhinology, neuro-otology, facial plastic and reconstructive surgery, endocrine surgery, skull base surgery and pediatric otolaryngology. The faculty all hold academic positions in the department of OHNS at the University of Toronto. The members of the division are Drs. Rick Fox, Andres Gantous, Ian Witterick, Jack Kolenda and Dustin Dalgorf. Dr. Robert Josephson has recently retired from surgical practice after more than 35 years on staff at SJHC. We are currently starting the process of advertising for two positions, to join our ranks and are very much hoping that we will be able to accomplish this within the next few months.

Several members of the faculty have administrative positions within the University of Toronto. Dr. Witterick is serving his second term as professor and chair of the Department of OHNS and Dr. Gantous is associate professor and Head of the Division of Facial Plastic and Reconstructive Surgery of the Department of OHNS.

SJHC has continued to be a popular rotation for our own residents and medical students as well as from around the country and internationally. Dr. Witterick has a rhinology fellow and Dr. Gantous a facial plastic surgery fellow that work with them throughout the academic year. We host multiple international visitors throughout the year that come to observe advanced sinus surgery, facial plastic and reconstructive procedures. The staff are directly involved in teaching Sinus Surgery, Temporal Bone, Soft Tissue Surgery and Rhinoplasty courses at the university year after year. They also participate yearly in the mock oral examinations that help prepare our residents for the Royal College examinations. We also provide teaching to Family Medicine residents rotating through the hospital.

The faculty of SJHC participate and are involved in development of Continuing Professional Development (CPD) courses and local, national and international congresses and meetings. They are frequent speakers at conferences nationally and internationally, publish scholarly articles and book chapters. Some of our staff hold positions in the executive boards of national and international specialty and sub-specialty societies and organizations.

The division of OHNS at SJHC has been committed to teaching and education during the
past five years and plan to continue doing so. The past year has been challenging for all. We have strived to support our institution and, most importantly, our community and patients’ medical and surgical needs with very limited resources. We hope that we will be able to continue offering our services, growing our presence in the hospital and at the university and teaching our students, residents and fellows.
Unity Health Toronto - St. Michael’s Hospital

Dr. Jennifer Anderson/Dr. Yvonne Chan
(Otolaryngologist-in-Chief)

Unity Health Toronto is a Catholic Health care organization that comprises of St. Michael’s Hospital, St. Joseph’s Health Centre, and Providence Healthcare.

Unity Health Network now comprises 1,003 adult in-patient beds with 49,586 admissions annually. The combined annual ambulatory activity in the first year included more than 780,000 visits and 177,000 emergency room visits. The network employs 10,000 staff and 1,400 physicians are on faculty.

The Department of Otolaryngology – Head & Neck Surgery (OHNS) at St. Michael’s Hospital resides within the Renal & Metabolism Program. Our department provides exemplary general otolaryngology care as well as highly subspecialized tertiary services focusing on advanced rhinology, skull base surgery, laryngology, and endocrine surgery.

Faculty

Dr. Jennifer Anderson served as the Otolaryngologist-in-Chief of the Department of Otolaryngology – Head & Neck Surgery at St. Michael’s Hospital from 2008 to March 2021. Dr. Yvonne Chan was the successful candidate after a search for the chief position and started her 5-year term in April 2021.

The current full-time faculty are Drs. Jennifer Anderson, Yvonne Chan, John Lee, Jun Lin, and Molly Zirkle. The current part-time faculty are Drs. Al Chiodo, Taryn Davids, Anil Katyal, Tulika Shinghal, and Jonathan Yip as a clinical associate.

Education

One of our department’s main pillar of excellence is medical education. Our training site rotation effectiveness scores have consistently been outstanding. Our faculty members have been recognized as excellent educators.

Dr. Zirkle will be completing her second term as the FitzGerald Academy Director in October 2021.

At the University of Toronto, Dr. Lee serves as the Assistant Director (Post-clerkship) for Undergraduate Medical Education for the Department of Otolaryngology – Head & Neck Surgery and is the St. Michael’s site representative for both postgraduate and undergraduate medical education. In addition to his educational roles, Dr. Lee also serves as the Head of the Division of Rhinology for our department.

In the continuing medical education arena, Dr. Chan is the Director of Continuing Professional Development (CPD) for our department at the university level.

FACULTY

Al Chiodo (P/T)
Taryn Davids (P/T)
Theresa Holler (P/T)
Anil Katyal (P/T)
John Lee
Jun Lin
Richard Rival (P/T)
Tulika Shinghal (P/T)
Philip Solomon (P/T)
Molly Zirkle
Along with medical student electives, experience in laryngology from other residency programs is often requested as an elective. The department also provides cross-disciplinary teaching for music students and speech language pathology students as part of their curriculum at University of Toronto. In addition to these unique educational experiences, there is a clinical fellowship in laryngology supervised by Dr. Anderson. She is also cross-appointed as an Adjunct Professor to the Faculty of Music at the University of Toronto.

**Clinical Excellence**

Our department provides excellent general otolaryngology care as well as highly subspecialized expertise in advanced rhinology, skull base surgery, laryngology, and endocrine surgery for the inner City of Toronto. The ambulatory clinic is an extremely efficient and high-volume clinic with more than 26,000 patient encounters each year.

The multidisciplinary voice clinic has two full-time (Drs. Anderson and Lin) and two part-time (Drs. Davids and Shinghal) laryngologists. Two highly skilled speech pathologists, Gwen Merrick and Marta DeLuca, are invaluable team members who attend the voice clinic regularly. The KTP laser (now to be replaced by a new TruBlu fibre based laser) for laryngology procedures has proven to be incredibly versatile and has permitted many patients to receive treatment for laryngology pathology in clinic with reduced wait times and excellent safe outcomes. Other subspecialized laryngology services in the ambulatory setting include laryngeal electromyography and videoendoscopic guided laryngeal diagnostic and therapeutic procedures (injection augmentation and steroid injection).

Dr. Lee subspecializes in the outpatient epistaxis treatment for the Hereditary Hemorrhagic Telangiectasia (HHT) clinic using the KTP laser. In order to reduce wait times and alleviate patient symptoms, Dr. Lee performs endoscopic nasal polypectomy in clinic.

The department members collaborate and work closely with other departments and programs throughout the institution including respirology (upper and lower airway pathology, Cystic Fibrosis Clinic, HHT Clinic), endocrinology (thyroid/parathyroid surgery, Pituitary Centre of Excellence), neurosurgery (skull base surgery, lateral and anterior), trauma/critical care (neck trauma, airway emergencies, percutaneous tracheostomy).

Our faculty is also actively involved in clinical endeavours in the underserviced northern Ontario regions. Dr. Anderson serves as a consultant to care for the underserviced population of the patients in Elliot Lake, Ontario.

**Research**

The rhinology research productivity at St. Michael’s Hospital has continued to grow under Dr. Lee’s direction. Dr. Lee is an Associate Scientist at the Li Ka Shing Knowledge Institute.

In 2016, Dr. Anderson established the Nicole Muzzo Research Chair in Voice Disorders and is the term chair holder. Several interdisciplinary collaborative projects have been completed with the contribution by the Faculty of Music and/or Department of Speech Language Pathology.

Dr. Lin is also an Associate Scientist at the Li Ka Shing Knowledge Institute. Dr. Lin’s laryngology research spans clinical, machine learning, and basic science areas. Clinically, her interests include voice rest, gender affirmation voice care, subglottic stenosis, and dysphagia. She collaborates both within Unity Health and across Canada in various research initiatives.

**Leadership**

Our faculty continue to provide leadership at multiple levels at St. Michael’s Hospital, the University of Toronto, and beyond. Dr. Anderson is an executive member of the Alternate Funding Plan Management Executive Committee for St. Michael’s Hospital. She is the chair of the Voice Research Committee and the Multidisciplinary Endocrine
Cancer Tumour Board at SMH. She is also a consultant for both the Stratford Festival and the Canadian Opera Company.

Dr. Chan serves as the OMA Otolaryngology section Tariff chair. She also serves as the CPD chair for the CSO and helped organize the 2020 CSOHNS annual meeting. She is the current chair of the Canadian Rhinology Working Group for the CSO. Dr. Chan is a member of the Regional Advisory Council for the Royal College of Physicians and Surgeons of Canada. At the University of Toronto, she sits on the Diversity Advisory Council and is involved in multiple subcommittees of the “Excellence through Equity” initiative. She has been the co-editor of the world-renowned textbook “KJ Lee’s Essential Otolaryngology” since 2011.

At the University of Toronto, Dr. Lee serves as the Assistant Director (Post-clerkship) for Undergraduate Medical Education for the OHNS department and is the St. Michael’s site representative for both postgraduate and undergraduate medical education. In addition to his educational roles, Dr. Lee also serves as the Head of the Division of Rhinology for our department.

For the past 10 years, Dr. Zirkle has been the director of the FitzGerald Academy, Faculty of Medicine. Dr. Zirkle is the first member of the OHNS department at the University of Toronto to hold such a prestigious position at the faculty. She is the chair of the Undergraduate Medical Education for the Academy Director Committee. Dr. Zirkle is the co-chair of the Medical Self Study Committee for Accreditation and the Clerkship Renewal Steering Group. She is also a member of the Executive Council at the Centre for Faculty Development. At St. Michael’s Hospital, she has been chair of the Network Student Experience Committee and the co-chair of the Student Experience Committee.

For the 2021-2024 Department Strategic Plan, Dr. Zirkle is the co-chair of the Education Committee and Dr. Chan is the co-chair of the Equity, Diversity & Inclusion (EDI) committee. They both sat on the Strategic Planning Committee. Dr. John Lee and Dr. Jun Lin are both members of the Discrimination, Harassment and Intimidation (DHI) committee. Dr. Al Chiodo is a member of the Education Committee.

Our part-time faculty Dr. Chiodo is the current chief of the Department of Otolaryngology – Head & Neck Surgery at Michael Garron Hospital and Dr. Davids is the chief of the Division of Otolaryngology at Southlake Regional Health Centre.

The Department of Otolaryngology – Head & Neck Surgery at SMH has tremendous potential for growth and we hope to further solidify its national reputation as a Centre of Excellence in the research and treatment of the upper airway.
The Department of Otolaryngology-H&N Surgery at UHN had another great year of clinical and academic accomplishments and continues to provide international leadership in Head and Neck Oncology/Reconstructive Microsurgery and Otology Neurotology.

Drs. de Almeida and Goldstein continue to lead our robotics program with a rapidly developing expertise in trans-oral robotic surgery. Dr. de Almeida also collaborates with Drs. Witterick and Vescan in our institutional endoscopic skull base program.

Our otology/neurotology program under Dr. John Rutka’s leadership continues to excel in the management of vestibular disorders and innovations in care of patients with vestibular disorders. The Hearing and Balance Centre along with our Munk Hearing Aid Centre continues to provide strong clinical and academic programs. Dr. Neil Bailie will join our Otology/Neurotology team in the Summer of 2021 and will dramatically expand our clinical capacity and surgical expertise in otology/neurotology.

The Head and Neck Group including Drs. Gullane, Irish, Gilbert, Brown, Goldstein, de Almeida and Chepeha continues to be extremely productive both academically and clinically.

Dr. Irish continues to lead the Guided Therapeutics Group at TECHNA and continues to work with peer-reviewed grant support from the Terry Fox Foundation on non-invasive techniques to facilitate treatment of head and neck tumours including thyroid cancer. The GTx group has also been collaborating with the otolaryngology department in Brescia to initiate a tissue engineering program in bone reconstruction. The GTx group has been very active in image guidance and virtual surgical planning. Dr. Irish continues to lead the university division of Head and Neck Surgical Oncology and Microvascular Surgery and has just been selected as the vice-president of clinical services for cancer as part of the Ontario Health Initiative at the provincial level.

Dr. de Almeida and Dr. Ali Hosni have developed CIHR funded clinical trial evaluating sentinel node mapping of oropharynx cancer patients, with the goal of deintensifying the treatment of patients with unilateral disease. Dr de Almeida is also one of the surgical champions for the implementation of our new EMR (EPIC) and in that capacity will be a valuable resource both to the department and the surgical program at UHN.

Dr. Goldstein is providing local leadership in thyroid oncology as the Endocrine Site Group lead at PMH.
In addition, Dr. Goldstein leads the UHN’s department research program. David is the Co-PI of a national trial in active surveillance of early thyroid malignancy and is active in many areas of clinical research in H&N oncology. Dr. Goldstein now leads our surgical trials program funded with a million-dollar donation from the Robertson Foundation. Dr. Chepeha has been very active in leading “Window” trials in the group and continues his work on rehabilitation of oral cavity patients in the post-surgical setting.

Generally, the entire group has been extremely productive internationally with invited presentations and free papers at numerous national and international meetings exclusively in the virtual space. Post-COVID-19 we have obviously changed our engagement to a more on-line involvement and are learning to work in this new era of CPD.

The department’s undergraduate, postgraduate and fellowship programs continue to provide excellent training. The department is an active participant in the university department’s divisional fellowship offering 4 clinical and 1 research fellowship position every year. These positions are highly sought after because of the strength of the clinical program at UHN. Dr. Rutka continues to offer an outstanding fellowship in otology and neuro-otology.

The department continues to be indebted to our many donors as well as the Princess Margaret Foundation and the Toronto General/Toronto Western Foundation whose contributions allow us to continue the legacy of leadership in otolaryngology-H&N surgery.

Special thanks to Jamie Chong and our clinical support staff for facilitating all that happens in the department. Thanks to Laura DiLiddo who continues to lead our educational programs.

We would like to invite our alumni and trainees and faculty to follow the UHN department on our Facebook and Twitter feeds and in the next few weeks look for our new website.
research team reports
**Auditory Science Lab**

**Robert V. Harrison**

The Auditory Science Laboratory at the Hospital for Sick Children has been a part of our university Department of Otolaryngology-Head & Neck Surgery since 1984. Over that period our team has enjoyed continuous funding from CIHR (and originally MRC), as well as supplementary grants, large and small, from other agencies. We have generated over 200 peer-reviewed research papers, as well as hundreds of conference lectures and posters.

However, as is often said, “all good things come to an end”, and the lab is in the process of being decommissioned (that sound better than “shut down”).

Over the years this facility has been the base for basic lab research projects as well as clinical studies in close collaboration with clinical colleagues. Numerous graduate students, residents and fellows have trained in the lab, and for many their research has formed the thesis for a Master’s or Doctoral level degree.

As the laboratory ramps down, no new trainees can be recruited, but existing projects are being finalized. One important ongoing study is a collaborative effort with the University of Utah (Dr. Albert Park) on hearing loss associated with cytomegalovirus infection. We are presently supported by the Barberian Scholarship fund for this work.

Our mission has always been to increase knowledge about the complex biological mechanisms of the auditory system and to understand the exact nature of hearing deficits. I hope that the new knowledge generated by the lab may contribute to improved strategies for prevention, diagnosis and remediation of hearing disorders.

Finally, I would like to thank all the team members, research collaborators, post-doctoral fellows, graduate trainees and summer students that have contributed to, and gained from being in the Auditory Science Laboratory.

**Neurotology and Vestibular Research**

**John Rutka, Phillip Gerrestsen and Paul Ranalli**

Ongoing clinical care programs for the management of those with dizziness and imbalance continue to be a major subspecialty interest at UHN. The multidisciplinary approach to the dizzy patient remains a major focus of ours. Unique to UHN is the Hertz Multidisciplinary Neurotology Program that involves neurotology, neurootology and psychiatry in conjunction with the UHN Centre for Advanced Hearing and Balance Testing, Vestibular Rehabilitation Therapy through Vestibular Health and Vestibular Nursing. It is through our team approach that we are able to handle the most challenging patients with disorders and imbalance. As always, we remain committed to the development of innovative educational systems in both vestibular and oculomotor physiology.

We are delighted to announce that Dr. Neil Bailie will be joining us as our second neurotologist in September 2021. Neil, one of our former fellows, now returns to Toronto after 12 years where he was on staff at Queen’s University in Belfast, Northern Ireland. It is anticipated that he will provide a further commitment to care for those with disorders of dizziness and imbalance.

**Our current research projects involve:**


2. A Substantive Review of our Prospective Workplace Safety and Insurance Board (WSIB) Neurotology Data base of over 4,500 Head Injured Workers.

4. Analysis of the Effects of Vestibular Rehabilitation Therapy in Cerebellar Ataxia and Bilateral Vestibulopathy (CABV).

5. Creation of a Teaching Portfolio from the UHN Neuroradiology and Neurotology Rounds.

6. The Adverse Effects of Litigation/Claims in the Functioning Improvement of those Receiving Psychiatric Care or Vestibular Rehabilitation.

7. Creation of a Vestibular Implant Program.

We also continue to work in conjunction with our vestibular psychiatrist, Dr. Philip Gerretsen, in evaluating:

1. Outcome analysis of patients with Cognitive Vestibular Dysfunction and Mood Change


Neurotology/Vestibular Publications for the academic year 2020-21 included:


**Cochlear Implant, Neurotology & Otology Research**

**Vincent Lin, Trung Le, Joseph Chen, and Andrew Dimitrijevic**

The COVID-19 pandemic unfortunately had a major effect on cochlear implant research activities. As elective surgeries were cancelled for a large proportion of waves 1-3, our clinical volumes were significantly reduced. As a result, for the first time in the history of the program, we were unable to meet funding targets. Also, due to hospital restrictions, most of our clinical research studies were put on hold as patients were unable to attend testing sessions. Like most worldwide scientific meetings, cochlear implant meetings during the pandemic were either cancelled or shifted to virtual.

However, as the province and country ramp up our vaccination efforts and our numbers of vaccinated individuals start to approach herd immunity numbers, we are hopeful that the fall will allow us to resume all studies that were put on hold during the pandemic.

During this downtime period, however, we did embark on a few major changes within the research program.

Under the strong leadership and guidance from Dr. Justin Lui, our previous clinical fellow who has now returned to the University of Calgary, we shifted our data collection repository from excel and paper format to REDCAP. Patients are now required to complete their pre-operative and post-operative QOL questionnaires online and modules have been set up for both the entry of surgical information as well as post-activation speech scores. This system will allow more consistency in data collection and extraction as well as provide a very effective means of performing internal quality control on patient outcomes. REDCAP has now become the de facto data collection and repository for many large clinical research programs across North America.
We were able to complete some of our first QI studies led by Dr. Valerie Dahm. These studies first looked at narcotic prescriptions in patients’ post-cochlear implantation and compared that to our Austrian colleagues. We then ran a clinical trial comparing post-operative cochlear implant pain management using a combination of traditional narcotics compared to regular use of anti-inflammatories. This study which has been submitted for publication demonstrates clinical efficacy and potentially superiority with the use of anti-inflammatories post-op cochlear implant surgery and this has already altered our clinical practice which is very timely especially in light of the recent attention placed on narcotic overdoses and dependency.

Finally, Dr. Lin and his colleagues in neurology have embarked on the creation and validation of a more robust cognitive screening and testing paradigm. Our previous work focused on modifying the MoCA but our new test is designed to be more sensitive and potentially to be used for longitudinal monitoring in our older patients pre- and post-implantation. We have started testing early versions in clinic and are hopeful that we will be able to have a version for more widespread distribution early next year.

**Auditory Development & Regeneration**

*Alain Dabdoub & Trung Le*

The Dabdoub Lab remains a leader in discovering the underpinning molecular biology of the inner ear. While my research program remains rooted in fundamental science, we are moving into a new phase that utilizes our foundational knowledge to develop regenerative therapies. We are entering a stage of developing novel therapeutic and delivery strategies for hearing and balance disorders.

All our accomplishments are a result of all the efforts of a dedicated group of trainees and the vision and support of the Sunnybrook otolaryngology department. Two graduate students successfully defended their work this year and the lab had several podium presentations at international meetings as well as international invited talks.

Our lab is supported by grants from the Natural Sciences and Engineering Research Council – NSERC, the International Hearing Restoration Project – Hearing Health Foundation, and the Krembil Foundation as well as by the Koerner Foundation.

Follow us on Twitter: @LabDabdoub

**Paediatric Cochlear Implant Research Lab**

*Karen Gordon, Blake Papsin, Adrian James, Sharon Cushing*

This has been a year unlike any other but within the new realities of the COVID-19 pandemic, the Cochlear Implant Laboratory at the Hospital for Sick Children has continued to investigate auditory and vestibular development and plasticity. We ask: 1) What aspects of auditory and vestibular development are arrested in children with hearing loss; 2) What changes in the auditory and vestibular system occur during the period of deafness; and 3) To what extent can auditory and vestibular plasticity and development be promoted by cochlear implant use? We are also interested in innovations in cochlear implant design and programming which seek to improve the resilience of the device as well as to preserve residual hearing and binaural cues. Our work is supported by research funding from the Canadian Institutes of Health Research along with the Cochlear Americas Chair in Auditory Development and generous donations. Specific hypotheses which stem from these questions are tested through a number of studies currently underway.

Our team includes Jaina Neghandi, our Research Project Co-ordinator and Al Blakeman, our Research Project Co-ordinator.

We have had some changes in our graduate students and post-doctoral fellows. In August 2020, Robel Alemu successfully defended his MSc at the Institute for Medical Science (IMS) and began a PhD degree program at IMS in September 2020. He is assessing spatial hearing in children with and without hearing
loss and recently received a 1-year funding award from the Ontario Government Scholarship program. We were joined by Angela Fung in January 2020 who began her MSc degree program at IMS. She is investigating methods to improve access to binaural hearing in children with hearing loss.

Rebecca Benjamin is in the second half of her MSc program in IMS. Despite COVID-19 related restrictions, she was able to collect important data on postural stability in individuals with cochleo-vestibular impairments. The work has been recognized with a recent podium presentation at the virtual Conference on Implantable Auditory Protheses and with an award from the Collaborative Program in Neuroscience at the University of Toronto.

Dr. Carly Anderson completed her post-doctoral fellowship in our lab in May 2021. Her work pivoted this year to investigations of cortical plasticity in adolescents who receive bilateral cochlear implants through already collected EEG measures. She was awarded a prestigious Wellcome Trust Fund Fellowship (UK) and is now beginning work related to that award at the University of British Columbia. We also said farewell to Lee Phan who completed her MSc at IMS which focused on a collaborative project between our lab and that of Dr. Liz Pang on language processing in children with Autism Spectrum Disorder.

We were disappointed to have to cancel plans to take on several undergraduate summer students due to COVID-19 restrictions but were pleased to welcome a research volunteer, Maya Daien, in 2020 who supported studies on auditory function in children with genetic (GJB-2) and acquired (congenital cytomegalovirus) hearing loss and on effects of COVID-19 restrictions, including school closure, on children’s auditory environments. This summer (2021) we were able to welcome Emily Wener, a medical student from the University of Ottawa, and Praveen Sritharan, an undergraduate student as summer students in person in the lab and Cole Sandler, an undergraduate student, was able to volunteer remotely.

We continue to have important collaborations both locally (Robert Harrison, Adrian James, Evan Propst, Susan Blaser, Frank Russo, Jenny Campos, Andrew Dimitrijevic, Elizabeth Pang, Birgit Ertl-Wagner), nationally (Sam Doesburg) and internationally (Robert Cowen, Ruth Litovsky, Andrej Kral).

Despite COVID-19 restrictions to our clinic and research, the past year has been very productive: 25 publications came out or are in the press. Between this summer and last, we collectively presented over 16 abstracts at international meetings and gave more than 20 invited talks at virtual international meetings.

Some highlights from the past year include:

- Karen Gordon appointed as Chair of OHNS Promotions Committee
- Five student/trainee awards including the Canada Graduate Scholarship-Master’s Program to Robel Alemu
- Open Scholarship Award, Institute of Medical Science, University of Toronto to Robel Alemu and Angela Fung
- Summer Undergraduate Research Program 2019, Joint Funding Award, Institute of Medical Science, University of Toronto to Praveen Sritharan

OtoSim™ Lab

Paolo Campisi and Vito Forte

Dr. Vito Forte continues to serve as CEO and CTO of OtoSim™ Inc and he also is an active member in the CIGITI Lab at SickKids. This has resulted in a successful collaborative team involving engineering students from UofT as well as other programs across Canada. This activity continues to stimulate innovation for OtoSim™ and several other projects within the department.

The COVID-19 pandemic provided educational challenges and therefore the impetus to develop solutions such as remote simulation teaching models. This success to-date has been made possible thanks
to the ongoing efforts of team members and collaborators. The UofT clerkship has pivoted to the OtoSim™ Mobile to maintain clerkship activity. This innovative initiative has been led by Dr. Al Vescan and Dr. Stacey Bernstein (Clerkship Director, MD Program, Temerty Faculty of Medicine, University of Toronto) and made possible through a generous grant to the UofT. Simulation and teaching are carried out through a combined Zoom lecture delivered by Dr. Campisi while students can simultaneously practice their otoscopy or ophthalmoscopy skills using a real scope viewing pathologies through the mobile device attached to their smartphone or tablet either during the virtual lecture or later at the student’s leisure.

These technologies have been adopted by over 650 universities around the world. Development continues for both smart-phone based mobile simulators bringing another dimension to teaching of otoscopy and direct ophthalmoscopy applying effective, efficient and affordable simulation achieving a global impact.
Head & Neck Oncology Research

Danny Enepekides, Kevin Higgins, Antoine Eskander

The Sunnybrook Health Sciences Centre Head and Neck Oncology Division had a productive year with several clinical trials and research projects currently underway.

The division has completed a research project in collaboration with the Department of Dentistry (Dr. Eszter Somogyi-Ganss) and Craniofacial Prosthetics Unit to assess the use, retention, and satisfaction with craniofacial prosthetic devices. The team continues several innovative studies which focus on surgical technique and medical education. Dr. Higgins is the site lead for a multicentre tissue perfusion study which is looking at the assessment of pharyngeal mucosal perfusion status and outcome relative to pharyngocutaneous fistula. He is also the principal investigator on a multicentre thermal imaging assessment of pharyngeal mucosal perfusion status and outcome relative to pharyngocutaneous fistula study which uses novel app-based technology to map out perforators for free flap reconstructions. Both studies are active with prospective data collection. Another prospective research study examining the use and healing rates of Cytal™ Wound Matrix on skin graft donor sites following free-flap procedures is currently in progress. In addition to providing residents and fellows with hands on microsurgical education in the operating room, a novel microsurgical educational model has been designed and is in final development. Future studies will assess its fidelity and use in education.

This year, the department was also very pleased to welcome radiation oncologist Dr. Andrew Bayley to our team who will assist in overseeing several head and neck quality improvement studies. Quality improvement studies at the Odette Cancer Centre are focused on improving time to radiotherapy in the adjuvant setting, staging documentation and accuracy, and after-hours symptom screening/intervention.

A few clinical trials have achieved successful recruitment this year in HPV-associated oropharyngeal SCC; most notably ORATOR II and HN.10 (EVADER), which examine de-escalation radiotherapy vs. trans-oral surgery, and de-escalation radiotherapy, respectively. The Sunnybrook site is an active site and contributor to the upcoming HN.11 study. We will be piloting the injection technique on site as one of the first centres to collaborate with Princess Margaret Hospital on this important study.

Dr. Martin Smoragiewicz, Dr. Antoine Eskander and Dr. Trung Le are leading multicentre clinical trials which will explore the effects of high vs low-dose cisplatin and N-acetyl cysteine (NAC) on ototoxicity for locally advanced head and neck squamous cell carcinomas (HNSCC). Several upcoming trials are assessing the role of novel immunomodulatory agents in combination with immunotherapy and chemotherapy in recurrent/metastatic HNSCC. An active prehabilitation randomized trial is also open for frail patients undergoing head and neck surgery.

Dr. Antoine Eskander was recently awarded the American Association of Otolaryngology – Head & Neck Surgery (AAO-HNS) Health Services Research Grant and continues his work with his New Investigator Award from the Terry Fox Research Institute and Canadian Institute of Health Research (CIHR). In total Dr. Eskander has received nearly $1,000,000 in peer-reviewed grant support. Dr. Eskander has also completed his probationary period at ICES as part of the Cancer Program and can now independently complete studies. Dr. Eskander has formal graduate appointment status and is on several thesis committees at the Institute of Health Policy, Management and Evaluation including co-supervision with Dr. Natalie Coburn.
and one of our own residents, Dr. Christopher Noel, on his PhD thesis.

Many collaborative studies are being completed at Sunnybrook as part of the Canadian Society of Otolaryngology – Head & Neck Surgery (CSO-HNS) Collaborative Research Initiative. These studies include a study assessing locoregional failure in patients with T3 larynx cancer, a study assessing low grade salivary gland cancers and the role of adjuvant radiotherapy, survival outcomes in young patients with oral cavity cancer, and a study assessing the impact of targeted therapy on anaplastic cancer outcomes.

A recent focus has been on COVID-19 and its impact on the cancer system. Several funded studies are underway assessing the impact of the pandemic on cancer surgery, cancer incidence, emergency department use among cancer patients, telehealth use, imaging use, and cancer therapy received (chemotherapy and radiotherapy) as well as wait times. These studies have garnered the research team a lot of media attention including a CTV National News (Avis Favaro) and Globe & Mail (Kelly Grant) feature.

Other active health services research studies at ICES include 1) examining self-harm and psychological distress in cancer patients, 2) examining the impact of anesthesia case volume on outcomes in high-risk cancer surgery, and 3) assessment of patient-centered outcomes in older adults undergoing cancer surgery.

There are three active artificial intelligence and machine learning studies at Sunnybrook. The first assessing a natural language processing algorithm to capture staging data for patients with oropharynx cancer directly form the chart in collaboration with Pentavere. We are also involved in a multicentre study to assess the accuracy of a machine learning algorithm that would pre-screen thyroid cytology slides into a Bethesda classification system. Lastly, we are comparing conventional prediction modeling techniques to machine learning algorithms as it relates to predicting emergency department visits in head and neck cancer patients.

Head & Neck Surgical Research

David Goldstein, Ralph Gilbert, Patrick Gullane, Dale Brown, Jonathan Irish, John de Almeida

The 2020-2021 academic year has been another productive and successful research year for the Wharton Head and Neck Cancer Surgery research program at the University Health Network. Research at the University Health Network takes place across the three sites, with the majority of research being conducted at the Toronto General Hospital and Princess Margaret Cancer Centre. The two major research programs are the head and neck oncology program and the otology/neurotology program. The head and neck surgical oncology investigators have affiliations with both the Ontario Cancer Institute and the Toronto General Research Institute. The research program is a multidisciplinary program with local, national and international collaborations. Dr. David Goldstein is the director of the head and neck surgical research program at the University Health Network. Members of the UHN head and neck surgical team have several research leadership roles including Dr. John de Almeida as the research lead for the University of Toronto Division of Head and Neck Oncology and Reconstructive Surgery within the Department of Otalaryngology-Head & Neck Surgery and Dr. Jonathan Irish serves as the core lead for the Guided Therapeutics program in the TECHNA Institute, University Health Network.

Over the past academic year the UHN surgeons had over 73 peer reviewed publications, and 7 book chapters published, which is a continued year over year increase. The Robertson Foundation clinical trials program has been established within the UHN head and neck surgical research program. Dr. John de Almeida and Dr. Ali Hosni (head and neck radiation oncologist at the University Health Network) are leading an international trial, the SELECT Trial – SPECT-CT Guided Treatment of the Contralateral Neck in Lateralized Oropharynx Cancer which is also being supported by the Canadian Cooperative Trials Group, as well as by the National Cancer institute in the United States. The Active Surveillance for low-risk thyroid cancer trial, led by
Dr. David Goldstein and Dr. Anna Sawka (Endocrinology, University Health Network), has been expanded out across Canada with recruitment starting at many of the Canadian university centres. The FIND trial—integration of transoral robotic surgery and tailored radiotherapy in the unknown primary cancer setting completed enrolment last year and will be reported early 2022.

Multicentre and co-operative group trials that are in the process of being opened at the UHN include the N-Acetyl Cysteine study to prevent hearing loss in patients undergoing chemoradiotherapy for head and neck cancer led by Dr. Antoine Eskander and Dr. Trung Le at Sunnybrook Health Science Centre (UHN Site Leads: Drs. John de Almeida and John Rutka) an NRG Oncology cooperative group study to evaluate sentinel node biopsy versus neck dissection in early-stage oral cavity cancer (UHN site lead- Dr. Douglas Chepeha). National collaboration in research either as a lead or participating site is being performed in conjunction with the Canadian Society of Otolaryngology—Head & Neck Surgery Collaborative Research Initiative (CRI) Head and Neck Group. There continues to be an ongoing international research collaboration in bioengineering for head and neck reconstruction, a collaboration between the UHN (Drs. Ralph Gilbert and Jon Irish) and the University of Brescia and University of Padua (Dr. Professor Piero Nicolai). Additional research collaborations in both retrospective and prospective research continued to be fostered with such centres as the Chris O’Brien Life House in Australia, University of Minnesota, University of Alabama, Memorial Sloan Kettering and MD Anderson Cancer Center. The Guided Therapeutics program work and accomplishments are covered in a separate report.

It has also been another outstanding year for grants. Dr. John de Almeida was the recipient of a Canadian Institutes of Health Research Project Grant in the amount of $3,203,435 for his SELECT trial. Dr. Douglas Chepeha is a co-investigator on this grant. As well, Dr. de Almeida received a Harry Barberian Grant in the amount of $10,000. Dr. Irish was a co-investigator on a St. Michael's Hospital Foundation Research Investment Council Grant in the amount of $190,000. Thanks to the generosity of the Shen Family Charitable Foundation, a comprehensive Head and Neck Surgery database is being created that will incorporate data collection into current clinical workflows. Using this approach, patient information will be gathered in real-time from multiple data sources throughout the continuum of care. Implementing this database will help create an all-encompassing clinical research database for Head and Neck oncologic patients that builds on the Anthology of Outcomes Head and Neck Radiation Database. It will also leverage technology to improve clinical workflow while populating clinical database with real time surgical data, outcomes and treatment effects, as well as provide a foundation to help build on our research program in data science and machine learning. Dr. Christopher Yao will soon joining the research program at the UHN as a surgeon investigator whose research focus will be in machine learning and artificial intelligence in head and neck surgery.

Lastly, training and education in research continues to be a priority at the UHN. Our researchers have continued to supervise and train undergraduate students, medical students, residents and fellows in research in otolaryngology—head and neck surgery. Two recent trainee awards at the recent 29th Annual Percy Ireland Academic Day included Best Overall Paper by Hedyeh Ziai (Supervisor: Dr. J. de Almeida) for her work “Machine Learning, Statistical, and National Surgical Quality Improvement Program (NSQIP) Risk Calculators for Predicting Length of Stay After Major Oral Cavity Cancer Surgery” and Best Paper PGY 2 by Adam Kwinter (Supervisor: Dr. D. Goldstein) for his work on “Quantifying Neck Fibrosis and its Quality-of-Life Implications: Development and Validation of the Neck Fibrosis Scale”.

Head & Neck Oncology Research (SH)

Ian Witterick, Christina Macmillan, David Fu, Ron Chazen, Anne Hsieh, Jeremy Freeman, Eric Monteiro, Allan Vescan, Lingxin Zhang

This year continues to be difficult due to the
pandemic and access to the lab. We continue to focus on a number of clinical and basic science research projects. Clinical research projects focus on thyroid cancer outcomes. Basic science projects focus on molecular oncology to identify predictive/prognostic molecular signatures, their biological functional roles and signaling pathways that drive thyroid and head & neck cancers.

We use high throughput automated robotic screens to identify novel anti-cancer small molecules/compounds, and characterize their potential therapeutics. Integrating a variety of disciplines, we develop molecular biomarkers at microRNA, mRNA, DNA and/or protein levels through molecular analysis of human cancer tissues or biopsies. We aim to establish early diagnostic assays for identifying pre-cancer patient and prognostic assays for objectively evaluating the patient’s overall outcome, and investigate novel therapeutic approaches that transform laboratory discoveries into improving cancer patient care for thyroid cancer and oral cancers.

Current projects this year included developing a molecular assay for detection and quantification of the BRAF mutation in residual tissue from thyroid FNA specimens and investigating Galactin-3 in distinguishing invasive encapsulated carcinoma from noninvasive follicular thyroid neoplasms with papillary-like nuclear features (NIFTP).

The recent reclassification of NIFTP raised the need for rebuilding the clinical, histologic, cytological and molecular parameters, including re-evaluation of the previously examined biomarkers, for assisting in the diagnosis of this subset of indolent noninvasive tumors from invasive encapsulated follicular variant of papillary thyroid carcinoma (EFVPTC). In one of our retrospective studies, we have established or refined the diagnostic value of Gal-3 expression as an ancillary marker in identifying NIFTP among encapsulated follicular variant nodules1. In addition, the early accurate diagnosis of cancer is still a challenge. Thyroid cancer (90% papillary, PTC) is common, but an estimated 30% of ultrasound-guided fine needle aspirations (FNAs) of thyroid nodules are indeterminate. In our most recent study, we have developed a novel molecular assay to detect BRAF mutation on residual FNA biopsy for definitive diagnosis of malignancy, hence sparing patients from a repeat FNA cytology or diagnostic surgery2.


2. Fu G., Chazen R.S., MacMillan C., Witterick I. Development of a molecular assay for detection and quantification of the BRAF mutation in residual tissue from thyroid nodule fine-needle aspiration biopsy specimens. JAMA Network Open 2021, 1;4(10).

Head & Neck Translational Program
Fei-Fei Liu

The Head and Neck Cancer (HNC) Translational Research Program at the Princess Margaret strives for a future where HNC can be cured without toxicity. This program has three main goals: 1) To understand HNC biology at the molecular, cellular, and tumour levels; 2) To elucidate the molecular and genetic bases of treatment toxicities in response to radiation, with or without chemotherapy; and, 3) To train young scientists and physicians in the scientific pursuits of understanding HNC. Our research team comprises of over 80 clinicians, scientists and research personnel, collectively working on several projects, including: tumour initiating cells, genetic determinants of outcome, biomarkers & novel drug discovery, proteomic studies, treatment of human papilloma virus (HPV) associated oropharynx cancer, and prognostic value of imaging-omic data.

Each year, our team publishes over 100 peer-reviewed publications in leading scientific journals. This year has seen numerous advances in HNC research. First, I would like to congratulate the
clinical trials teams at the Princess Margaret Cancer Centre (PM) - University Health Network (UHN). Based on accrual updates shared at the 2021 NRG Oncology semi-annual virtual meeting for January to June 2021, the site accruals at the PM-UHN for NRG clinical trials are number one in Canada, number two in Non-US sites, and number four in Global Main Member Sites! In particular, two HNC trials (NRG-HN007 and NRG-HN004) are among the top accruing clinical studies at the PM.

Secondly, Dr. Scott Bratman has been appointed as the Dr. Mariano Antonio Elia Chair in Head and Neck Cancer Research for a 5-year term, effective December 1, 2020. The Dr. Mariano Antonio Elia Chair was established in 2001 with the vision to create a future of personalized HNC therapy with no toxicity. Since his arrival at the Princess Margaret in 2014, Dr. Bratman has rapidly established himself as an internationally recognized expert in liquid biopsy, HNC, and personalized radiation medicine. His research program encompasses HNC-focused clinical and translational studies, with the overarching goal of developing biomarkers for improved diagnosis and treatment of HNC. In this role, Dr. Bratman aims to advance HNC research on multiple fronts, both in his laboratory and in partnership with clinical colleagues, data scientists, clinical trial groups, as well as industry.

Finally, a research team led by Dr. John Waldron and Ms. Sophie Huang published a study in Cancer, which confirmed the clinical utility of hypofractionated radiotherapy (RT-hypo) in subsets of head and neck squamous cell carcinoma (HNSCC) patients receiving treatment during the COVID-19 pandemic. The authors proposed that delivery of RT-hypo in place of concurrent chemoradiotherapy could reduce hospital visits and bypass immunosuppressive effects of chemotherapy to decrease risk of COVID-19 infection.
Head and Neck Surgery

Guided Therapeutics (GTx) Research Program
Jonathan Irish (GTx Program Leader/Director, Clinical Faculty, TECHNA Research Institute)

GTx Program Staff:
Jason Townson, PhD (Manager/Scientist), Michael Daly, PhD (Staff Scientist and Engineer), Harley Chan, PhD (Engineer), Robert Weersink, PhD (Physicist), Daniel Lin (Engineer), Jimmy Qiu (Engineer)

GTx International Scholar Scientist:
Dr. Nidal Muhanna MD PhD (Israel), Marco Ferrari MD (Italy), and Catriona Douglas MD (UK)

GTx Fellows:
Drs. Axel Sahovaler, Donovan Eu, Catriona Douglas and Sharon Tzelnick

GTx Visiting Residents (Italy-Toronto Collaboration):
Drs. Stefano Taboni, Tommaso Gualtieri and Leonardo Franz

The GTx Research Program, part of UHN’s TECHNA Institute, continues to lead and support research, run translational clinical trials and develop new technologies and interventions in head and neck, skull base, thoracic and sarcoma cancer surgery. This research is completed by our multidisciplinary team of surgeons, radiation physicists, engineers, programmers, chemists, cancer biologists, and imaging specialists, using the key GTx infrastructure consisting of the GTx Operating Room (GTx-OR at the Toronto General Hospital) and the GTx-Lab (at Princess Margaret Cancer Research Tower). This year the GTx engineering, physics and scientific staff have been supporting the construction and development of operating room services at Sinai Health. During the past year, the GTx Program has continued to focus on translational research and the development of a broad range of new and continuing research projects:

Research:
• As part of the $5.5M 7-year Terry Fox New Frontiers Program Project Grant for “Porphysome Nanoparticle-Enabled Image-Guided Cancer Interventions”, the GTx Program continues to collaboratively work on the development and translational research of nanoparticles for imaging and therapeutic use. This includes the GTx Program’s continued research and development of porphysome nanoparticles (developed by and in collaboration with Dr. Gang Zheng) as an imaging and therapeutic (theranostic) agent for thyroid and oral cavity cancers. As part of this research effort, the GTx program (in collaboration with other research groups at UHN and Sunnybrook) has continued to advance porphysome-enabled photodynamic therapy (PDT) and photothermal therapy (PTT) as a potential treatment option for oral cavity and papillary thyroid cancer. Nanoparticle production scale up and preclinical studies completed as part of this collaboration is anticipated to lead to Health Canada IND approval and first in human clinical trials in 2022.
• Building upon the research completed as part of the Terry Fox New Frontiers Program Project, the GTx program is nearing completion of studies in pre-clinical small animal models to determine safety, efficacy and feasibility of using porphysome nanoparticles for PDT or PTT treatment and fluorescence image guided surgery for H&N cancers. A new focus has emerged on establishing a collaboration with Ontario Veterinary College for translation research with a clinical veterinary dog population for optimization of safety, equipment and workflow,
and efficacy in a size scale appropriate and spontaneously occurring non-human clinical population.

- Developed a 3D fluorescence imaging system for head and neck surgical guidance (OHNS Raymond Ng & Wendy Chui Innovation Fund); in 2021 demonstrated use of spatial frequency structured illumination to generate tumour depth maps in pre-clinical models (Daly et. al, SPIE BiOS, 2021).

- Continued multiple collaborative projects with University and Brescia and University of Padua (Italy) focused on 3-dimensionally printed stem cell scaffolding for bone reconstruction and other head and neck reconstruction projects (Irish/Gilbert/GTx).

- Improved reconstruction through new 3D modelling and multi-material printing capabilities. Additionally, in 2020–21, GTx 3D printing resources were used to produce supplies for UHN COVID requirements and related experiments (Davies et al, Laryngoscope, 2020).

- Evaluated custom augmented reality (AR) and virtual reality (VR) technologies for surgical training and guidance; in 2021, conducted pre-clinical studies quantifying the accuracy and usability of an in-house AR system for guiding sinonasal tumour resection (Sahovaler et. al., Frontiers in Oncology, Submitted 2021).

- Developed and translated image-guidance and 3D intraoperative imaging technologies for open and endoscopic sinonasal and maxilla resection; in 2021 completed pre-clinical study showing improved delineation of the posterior maxillary margin during endoscopic resection (Taboni et. al., Frontiers in Oncology, Submitted 2021).

- Reported on the use of cone-beam CT imaging for otology applications, including a feasibility study completed this year with colleagues from Sunnybrook (Drs. Dahm, Chen & Le) on eustachian tube dilation using a standard endovascular balloon (Dahm et. al., Otology & Neurotology, 2021).

- Conducted an international questionnaire-based study (Douglas et. al.) on OHNS health staff worries and perceptions of information during the COVID-19 pandemic. Responses were obtained from staff in Canada, the UK, Israel, Italy, Argentina and Singapore.

Education:

- Fellowships: 1) Donovan Eu successfully completed 2 years as GTx research (1 yr) and GTx clinical (1 yr) fellow and has returned to Singapore as a consultant at National University Hospital, 2) Tommaso Gualtieri, the 3rd GTx-Italy research fellow, successfully completed fellowship in February 2021 and has returned

- Supervised co-op students working on 3D fluorescence from undergraduate/graduate programs in biomedical engineering and medical physics, including: Jacqueline Fleisig (U of T); Ashley Gilbank, Murtuza Rajkotwala, Yasmine El-Rayyes, and Arjun Jagota (McMaster).

Infrastructure Development:

- A replacement for the old cone-beam CT is being installed in the GTx lab. A new Siemens Cios Spin is currently being installed and will be ready for ongoing and new applications in fall 2021.

- A milestone has been reached in our ongoing collaboration with the Sinai Health team lead by Drs. Jay Wunder and Peter Ferguson. A new operating room (MS GTx2) has been built and is currently being equipped to translate GTx surgical navigation technology to Sinai Health ORs for osteosarcoma surgeries. It is anticipated the first clinical trials will occur in 2022.

- Preparation for translation (2022) of previously established machine learning techniques to recognize surgeon hand gestures for intraoperative visualization of 3D imaging in a sterile surgical environment.
2020–2021 marked one of the most productive years in our rhinology research program at St. Michael’s Hospital. Despite ongoing clinical research restrictions imposed by the COVID-19 pandemic, we were able to find novel ways to be creative and publish a high volume of manuscripts in the fields of rhinology/skull base surgery. As always, I want to thank the Dunin Foundation for their ongoing support of our research agenda and the Harry Barberian Foundation which has provided several scholarships for our resident trainees. Below are some of the highlights from this past year:

1) A total of 17 peer-reviewed manuscripts were published in the following journals this past year:
   a. Journal of Otolaryngology-Head & Neck Surgery (4)
   b. Ear, Nose & Throat Journal (3)
   c. International Forum of Allergy and Rhinology (2)
   d. Laryngoscope (1)
   e. Laryngoscope Investigative Otolaryngology (1)
   f. Journal of Neurological Surgery Part B: Skull Base (2)
   g. American Journal of Rhinology and Allergy (1)
   h. Journal of Neuro-Ophthalmology (1)
   i. Clinical Neurology and Neurosurgery (1)
   j. British Medical Journal Open (1)

Many of these studies were led by our incredibly dedicated trainees who are truly the force behind our research program: Drs. Daniel Lee (PGY4), Shireen Samargandy (PGY4), Justin Cottrell (PGY4), Amr Hamour (PGY3), Jong Wook Lee (PGY-3), Vincent Wu (PGY3), Marc Levin (PGY1). I also want to recognize Elysia Grose, Gianluca Sampieri and Pouyan Namavarian who were all 4th year medical students working with me during this time. We are fortunate that all three of them have matched into our residency program and I am excited to be able to continue working with them during their training.

2) Scientific meetings this past year have unfortunately remained virtual because of the ongoing pandemic. Despite that, our research program continues to be well represented at many of the local, national and international meetings. At the American Rhinologic Society Spring Meeting at COSM 2021 (virtual), Gianluca Sampieri and Pouyan Namavarian were co-presenters on a systematic review paper examining HPA-axis suppression and intranasal corticosteroid use. At the Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting 2020 (virtual), Dr. Shireen Samargandy (PGY3) presented on medical and surgical treatment outcomes in patients with chronic rhinosinusitis and immunodeficiency while Elysia Grose presented on surgical outcomes in patients with aspirin exacerbated respiratory disease. Impressively, at our departmental resident research day (Percy Ireland Academic Day), there were a total of four resident trainee presentations from the SMH rhinology research program. While we have continued to adapt and be creative doing research during this time, I look forward to the upcoming year where we hopefully will be able to return to more in-person clinical research activities.
humanitarian outreach
As with so many other activities, our Face the Future humanitarian surgical missions to less developed countries are being curtailed by the COVID-19 pandemic.

Our planned mission to Addis Ababa, Ethiopia in November 2020 has been postponed. Nonetheless, our team has kept in communication with our colleagues and have been supporting them virtually with advice on challenging cases. There is also an educational webinar series being developed to engage the faculty and residents in the maxillofacial surgery program at Addis Ababa University until such time we can mount our next mission.

Our planned missions to Nepal and Rwanda early in 2021 may also need to be postponed, in which case virtual educational series are also being developed.

On a very positive note, Face the Future Foundation has been the recipient of a substantial donation from Nicole Crimi, a second-year medical student at McMaster University. Nicole created the concept and has written and illustrated a children’s book titled “Patty and the Pandemic.” (www.pattyandthepandemic.org). The book tells the story of Patty and her friends and how they can empower themselves to practice safe public health measures, while still enjoying each other, during the pandemic. The book has been very well received by the public and by the Government of Ontario, which is promoting the book to school boards. Nicole has had many media appearances and virtual readings for children aged 3 to 8. Dr. Adamson supported her efforts and wrote the Forward for the book. Nicole wished all proceeds from the book to benefit children and has generously designated Face the Future as the recipient of her book’s success.

Northern Ontario Outreach Program

Drs. Paolo Campisi, Vincent Lin and Eric Monteiro

Northern Ontario Outreach Program at the Sioux Lookout Meno Yan Win Health Centre led by Drs. Paolo Campisi, Vincent Lin and Eric Monteiro. Dr. Justin Lui (Fellow) accompanied them on this trip.
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Lee A, Tysome JR, Saeed SR.

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Jáuregui EJ, Propst EJ, Johnson K.

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Ziai H, Levin M, Roskies M.
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Cobo R, Adamson OOnt PA.
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A Protocol for a Pan-Canadian Prospective Observational Study on Active Surveillance or Surgery for Very Low Risk Papillary Thyroid Cancer.

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**JAMA Surgery**


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Oncology

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Sexual Satisfaction in Nasopharyngeal Carcinoma Survivors: Rates and Determinants.

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Chinese and South Asian Ethnicity, Immigration Status and Head and Neck Cancer Outcomes: A Population Based Study.

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**Paediatrics & Child Health**

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Utility of Sonography for Identifying Metastatic Cervical Adenopathy in Children with Differentiated Thyroid Carcinoma at Presentation.

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Cost-function Testing Methodology for Image-based Registration of Endoscopy to CT Images in the Head and Neck.

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Sharafi M, Adamson PA.

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Investigation of Light-induced Lacrimation and Pupillary Responses in Episodic Migraine.

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Psychometric Testing of the Skull Base Inventory Health-related Quality of Life Questionnaire in a Multi-institutional Study of Patients Undergoing Open and Endoscopic Surgery.
**Radiotherapy & Oncology**


Healthcare Resource Utilization Following Unilateral Versus Bilateral Radiation Therapy for Oropharyngeal Carcinoma.


Stereotactic Body Radiation Therapy for Hepatocellular Carcinoma with Macrovascular Invasion.


Head and Neck Imaging Surveillance Strategy for HPV-positive Oropharyngeal Carcinoma Following Definitive (Chemo)radiotherapy.


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**Scientific Reports**

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Elevation in Viral Entry Genes and Innate Immunity Compromise Underlying Increased Infectivity and Severity of COVID-19 in Cancer Patients.


Lee HJ, Smieja D, Polonenko MJ, Cushing SL, Papsin BC, Gordon KA.

Consistent and Chronic Cochlear Implant use Partially Reverses Cortical Effects of Single-Sided Deafness in Children.


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**Stroke**


Swallowing, Oral Motor, Motor Speech, and Language Impairments Following Acute Pediatric Ischemic Stroke.


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Awareness of the Harms of Continued Smoking Among Cancer Survivors. 


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Mandola AB, Sharfe N, Nagdi Z, Dadi H, Vong L, Merico D, Ngan B, Reid B, Roifman CM. Combined Immunodeficiency Caused by a Novel Homozygous NFKB1 Mutation. 

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Live Porcine Model for Surgical Training in Tracheostomy and Open-Airway Surgery.  

Deonarain AR, Harrison RV, Gordon KA, Looi T, Agur AMR, Estrada M, Wolter NE, Propst EJ.  
Synthetic Simulator for Surgical Training in Tracheostomy and Open Airway Surgery.  

Dombrowski ND, Wolter NE, Robson CD, Kawai K, Irace AL, Vargas SO, Marcus KJ, Mack JW, Collins NB, Rahbar R.  
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Risks and Benefits of Adenotonsillectomy in Children with Cerebral Palsy with Obstructive Sleep Apnea: A Systematic Review.  

Competency-Based Assessment Tool for Pediatric Esophagoscopy: International Modified Delphi Consensus.  

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Cricotracheal Resection for Adult Subglottic Stenosis: Factors Predicting Treatment Failure.  

Leung RM, Smith TL, Kern RC, Chandra RK, Schlosser RJ, Harvey RJ, Conley DB, Lee JM.  
Should Oral Corticosteroids be Used in Medical Therapy for Chronic Rhinosinusitis? A Risk Analysis.  


Propst EJ, Papsin BC, Wolter NE.
Suspension Microesophagoscopy for Foreign Body Removal in Children.

Propst EJ, Wasserman JD, Gorodensky J, Ngan BY, Wolter NE.
Patterns and Predictors of Metastatic Spread to the Neck in Pediatric Thyroid Carcinoma.

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Propst EJ, Gorodensky JH, Wolter NE.
Length of the Cricoid and Trachea in Children: Predicting Intubation Depth to Prevent Subglottic Stenosis.

Competency-Based Assessment Tool for Pediatric Tracheotomy: International Modified Delphi Consensus.


Importance of Margins, Radiotherapy, and Systemic Therapy in Mucosal Melanoma of the Head and Neck.

Pre- and Post-Radiotherapy Radiologic Nodal Features and Oropharyngeal Cancer Outcomes.

Thyroid
A Prospective Mixed-Methods Study of Decision-Making on Surgery or Active Surveillance for Low-Risk Papillary Thyroid Cancer.

Trends in Hearing
Deep NL, Purcell PL, Gordon KA, Papsin BC, Roland JT Jr, Waltzman SB.
Cochlear Implantation in Infants: Evidence of Safety.
Trends Hear. 2021 Jan-Dec;25:23312165211014695. PMID: 34028328.

Ultrasound in Medicine & Biology
Ultrasonographic Measurement of Pharyngeal-airway Dimension and its Relationship with Obesity and Sleep-Disordered Breathing.

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Carrier G, Rodriguez V, Martino R.
Dysphagia Assessment and Treatment During the COVID-19 Pandemic: Lessons Learned From the Transition to Tele-practice.
Speech-Language & Audiology Canada (SAC) Communiqué.

Falls, C.
Looking to the Future of Vestibular Practice in Canada.

Falls, C.
The Future of Fall Detection.
ENT & Audiology Reviews (Tech Reviews). 2021, 29, 6, 113.
Falls, C.
Tinnitus Apps (Revisited).

Gevorgyan A.
My top 10 Cybersecurity Tips.
presentations
### INTERNATIONAL MEETINGS

#### ARGENTINA

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#### CHILE

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### INTERNATIONAL MEETINGS (continued)

**UNITED KINGDOM**

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**UNITED STATES**

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<tr>
<td>ESKANDER, A</td>
<td>2021 Apr</td>
<td>Invited Speaker: Eskander A. Multidisciplinary Care Post COVID: Did We Evolve or Simply Pivot. Co-speakers: Quon H, Sacco A, Evangelista L, Malloy K, Moore M. Combined Otolaryngology Spring Meetings, Atlanta, GA</td>
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### INTERNATIONAL MEETINGS (continued)

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<td>PAPPIN, B</td>
<td>Guest Speaker</td>
<td>Exploration of (Auditory) Space: What we Have Learned from Humans</td>
<td>Chicago Laryngological &amp; Otological Society. Chicago, IL.</td>
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<td>Surgeons of South Africa (SORSSA).</td>
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<td>of Facial Plastic and Reconstructive Surgery</td>
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<td>All Roads Lead to</td>
<td>Board Certification. Facial Reconstructive and Cosmetic Surgery</td>
<td>India Trust (virtual).</td>
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<tr>
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<td>Aesthetic Otoplasty.</td>
<td>Department of Otolaryngology-Head and Neck Surgery, University of</td>
<td>Grand Rounds (virtual).</td>
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<td>California Irvine, Grand Rounds (virtual).</td>
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<td>Alar Base Reduction.</td>
<td>Facial Reconstructive and Cosmetic Surgery India Trust (virtual).</td>
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<td>Nasal Evaluation and</td>
<td>Surgical Goals in Rhinoplasty. Kirtipur Cleft and Burn Hospital</td>
<td>Face the Future Teaching Series, Kathmandu, Nepal (virtual).</td>
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<td>Surgical Goals in</td>
<td>Face the Future Teaching Series, Kathmandu, Nepal (virtual).</td>
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<td>Rhinoplasty.</td>
<td>Kirtipur Cleft and Burn Hospital Face the Future Teaching Series,</td>
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<td>Kathmandu, Nepal (virtual).</td>
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<td>in Children: A Systematic Review. MacLean JE, Adeleye A, Van Dam A,</td>
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<td>Abusido T, Adamko DJ, Amin R, Campisi P, Constantin E, Duncan JA,</td>
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<td>Dyck G, Jones J, Kevat A, Lee J, Shi J, Zelman M.</td>
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<td>CHAN, Y</td>
<td>Panellist.</td>
<td>Dupilumab CRSwNP Global Advisory Board. Sanofi Genzyme (virtual).</td>
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<td>American Rhinologic Society Summer Sinus Symposium (virtual).</td>
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<td>Moderator and</td>
<td>Primary Frontal Sinus Surgery: To Do or Not to Do? American</td>
<td>American Rhinologic Society Summer Sinus Symposium (virtual).</td>
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<td>Panellist.</td>
<td>Rhinologic Society Summer Sinus Symposium</td>
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<td>Panellist.</td>
<td>Aspirin-Exacerbated Respiratory Disease Podcast. AAO-HNS Focused</td>
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<td>Lifelong Education Xperience (FLEX) Podcast Recording.</td>
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<td>Invited Speaker</td>
<td>Where is the CSF Leak? Virtual Rhinology – Skull Base International</td>
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<td>Interface Meeting (virtual).</td>
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<td>CUSHING, S</td>
<td>Invited Speaker</td>
<td>Vestibular Disorders in Children (and treatment). Vestibular Implant</td>
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<td>and Related Technologies Meeting.</td>
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2021 Jan  Invited Speaker. Early Diagnosis and Management of Childhood Deafness: A Barrier then and a Barrier Now. IAPo.


DE ALMEIDA, J 2021 Apr  Invited Speaker. SELECT Trial: SPECT CT Guided Treatment of the Contralateral Neck in Patients with Lateralized OPC: A Phase 3 RCT. CCTG Annual Spring Meeting.
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<tr>
<td>2020 Nov</td>
<td>Speaker. SELECT Trial, Previously Untreated Locally Advanced Task Force, National Cancer Institute.</td>
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<td>2020 Oct</td>
<td>Speaker. SELECT Trial, EORTC Head and Neck Meeting.</td>
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<td>2020 Sep</td>
<td>Invited Panellist. Skull Base Cases. AHNS Tumor Board (virtual).</td>
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<td>2020 Sep</td>
<td>Invited Speaker. Management of Unknown Primary and HPV Disease Outside of the Oropharynx. AAOHNS Meeting (virtual).</td>
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**ENEPEKIDES, D**


**ESKANDER, A**


INTERNATIONAL MEETINGS (continued)

FREEMAN, J
2021 Mar  Moderator. Surgical Management of Thyroid Cancer. World Congress on Thyroid Cancer 4 (virtual).
2020 Oct  Invited Speaker. Clinico-pathological Correlation of Thyroid Nodule Ultrasound and Cytology Using the TIRADS and Bethesda Classifications. Academia of Head & Neck Oncology at Karnataka, COMEd Series, Head and Neck – Thyroid (virtual).

GANTOUS, A
2021 May  Invited Faculty. Surgical Management of the Nasal Valve. 3rd Bogota Hands-on Rhinoplasty and Facial Plastic Surgery Course (virtual).
2021 May  Invited Faculty. Technical Approach to Upper and Lower Blepharoplasty. 3rd Bogota Hands-on Rhinoplasty and Facial Plastic Surgery Course (virtual).
2020 Dec  Invited Faculty. Tips for Revision Rhinoplasty. 17th International Congress of the ENT Iranian Society (virtual).
2020 Nov  Invited Faculty. Reconstruction of the Severe Nasal Collapse. 73rd Anniversary Congress of F.A.S.O.

GORDON, K
INTERNATIONAL MEETINGS (continued)


IRISH, J


JAMES, A

2021 May  Keynote Speaker. Cholesteatoma: Improving Interventions and Outcome. ENT EES Webinar, University of Verona, Italy (virtual).


### INTERNATIONAL MEETINGS (continued)

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>LIU, F-F</td>
<td>2021 Apr</td>
<td>Invited Speaker. The Role of Metabolism in Modulating Radiation Fibrosis. Glycosylation and Extracellular Matrix in Neurologic and Metabolic Diseases. American Society for Biochemistry and Molecular Biology, United States (virtual).</td>
</tr>
<tr>
<td>2021 Jan</td>
<td>Invited Speaker. Medical Complications and Screening Tools for Dysphagia in Older Adults. Virtual British Academic Conference in Otolaryngology (BACO) International Meeting.</td>
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<tr>
<td>Date</td>
<td>Event Description</td>
<td>Location</td>
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<tr>
<td>2021 Jan</td>
<td>Invited Faculty. Exploration of (Auditory) Space: What We Have Learned from Humans with Single Sided Deafness. Intra-American Association of Pediatric Otolaryngology (IAPO) Virtual Meeting, Mexico City, Mexico.</td>
<td></td>
</tr>
</tbody>
</table>

WITTERICK, I

2021 Mar  Panel Member. Surgical Management of Thyroid Cancer. World Congress on Thyroid Cancer 4. Virtual international conference.


WOLTER, N

WONG, A

2021  Visiting Professor. The Art and Science of Compassion. Center for Medical Humanities, Compassionate Care and Bioethics, Faculty of Medicine, Stony Brook University, New York, NY.


2021  Visiting Professor. Developing Inner Resources and System Thinking to Flourish in Medicine. Ophthalmology Grand Rounds, Stanford University, CA.


2021  Keynote Speaker. Building Inner Resources and System Thinking to Flourish in Medicine. Hong Kong Women Doctors Association, Hong Kong.
## INTERNATIONAL MEETINGS (continued)

2021  
Keynote Speaker. The Practice and Science of Compassion. Centre of Buddhist Studies, University of Hong Kong.

2020  
Visiting Professor. Developing Inner Resources and System Thinking to Flourish in Medicine. Vanderbilt Eye Institute, Vanderbilt University Medical Center, Tennessee.

2020  
Keynote Speaker. Altered Visual Processing and Audiovisual Integration in Amblyopia: Implications for Clinicians. Federal University of Sao Paulo and Brazilian Center for Strabismus

## NATIONAL MEETINGS

### VIRTUAL MEETINGS

#### ANDERSON, J

2020 Oct  

2020 Oct  

#### BRANDT, M

2021 Jan  

2021 Jan  

2021 Jan  

2021 Jan  

2020 Oct  

2020 Oct  

#### CAMPISI, P

2020 Oct  

2020 Jul  
### NATIONAL MEETINGS (continued)

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<tbody>
<tr>
<td>Date</td>
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<td>Details</td>
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<tr>
<td>2020 Oct</td>
<td>Invited Panellist, Thyroid Cancer Workshop. Canadian Society of Otolaryngology-Head &amp; Neck Surgery (virtual)</td>
<td>ENEPEKIDES, D</td>
</tr>
</tbody>
</table>
### NATIONAL MEETINGS (continued)

<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2021 Mar</td>
<td>An Introduction to Clinical Trials: Building Blocks</td>
<td>Dysphagia Research Society Annual Meeting (virtual).</td>
</tr>
<tr>
<td>2020 Dec</td>
<td>Dysphagia Interventions for People with Head and Neck Cancer</td>
<td>Speech-Language &amp; Audiology Canada Webinar.</td>
</tr>
<tr>
<td>2021 May</td>
<td>Invited Speaker</td>
<td>Introduction to Cochlear Implants: Application to Adults. Interprofessional Education Seminar, Canadian Hearing Services, Toronto, ON.</td>
</tr>
</tbody>
</table>
### NATIONAL MEETINGS (continued)

**SINGH, P**
2021 Sep  
Invited Panellist. A Primer on Oropharyngeal Carcinoma Management — From the Community to the Tertiary Care Hospital. Canadian Society of Otolaryngology — Head & Neck Surgery — 75th Annual Meeting (virtual).

**WITTERICK, I**
2021 Jan  

2020 Nov  
Moderator. Closing Ceremony. 74th Annual Meeting of the CSO-HNS (virtual).

2020 Nov  
Invited Lecture and Panel Member. Chronic Rhinosinusitis with Nasal Polyps: The Misery, the Mystery, and the Mastery. 74th Annual Meeting of the CSO-HNS. Presenter(s): Witterick IJ with Desrosier M (moderator), Kilty S, Thamboo A. (virtual).

2020 Oct  

2020 Sep  
Presidential Address. 74th Annual Meeting of the CSO-HNS (virtual).

2020 Feb  
Panel Member. Common Clinical Challenges in Rhinology Panel. Rhinology Update 2020, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

**WOLTER, N**
2020 Mar  

**WONG, A**
2021  

2021  
Invited Speaker. A Practical Approach to Nystagmus. Department of Ophthalmology, McGill University, Quebec.

### PROVINCIAL/LOCAL MEETINGS

**ANDERSON, J**
2021 Feb  

**BRADLEY, G**
2021 Jan  
PROVINCIAL/LOCAL MEETINGS (continued)

BRANDT, M
2021 Feb  Moderator. Case-Based Panel Discussion: Skin Cancer. OTOUpdate 2021. Department of Otolaryngology-Head & Neck Surgery, University of Toronto (virtual).

CAMPISI, P
2021 Jul  Invited Speaker. PREP Camp Phase 1 Lecture Series. Surgical Airway. Mt. Sinai Hospital. Toronto, ON.
2020 Jul  Invited Speaker. PREP Camp Phase 1 Lecture Series. Surgical Airway. Mt. Sinai Hospital.

CHAN, Y
2021 Apr  Invited Speaker. Otitis Media. Trillium Health Partners Family Resident Teaching (virtual).
2020 Nov  Invited Faculty. Head and Neck Physical Examination. Clinical Skills 1 Course for Undergraduate Medical Students. University of Toronto, Faculty of Medicine. (virtual).
### PROVINCIAL/LOCAL MEETINGS (continued)

<table>
<thead>
<tr>
<th>Name</th>
<th>Date</th>
<th>Event Description</th>
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</thead>
<tbody>
<tr>
<td>DE ALMEIDA, J</td>
<td>2021 Feb</td>
<td>Invited Speaker. Surgical Trials in Head and Neck Cancer, Cancer Clinical Research Unit Education Rounds, Princess Margaret Cancer Centre.</td>
</tr>
<tr>
<td>ESKANDER, A</td>
<td>2021 Apr</td>
<td>Invited Speaker. Academic Staff Positions: Considerations when Applying and Interviewing as a New Graduate. Clinician Investigator Program Seminar.</td>
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<tr>
<td>Date</td>
<td>Activity Description</td>
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<tr>
<td>2020 Nov</td>
<td>Speaker/Panellist. Pandemic Recovery: How Will We Recover? Ontario Surgical Quality</td>
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<td></td>
<td>Improvement Network Annual Meeting (virtual).</td>
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<tr>
<td>LEE, J</td>
<td>Invited Speaker. An Interactive Case Based Discussion on the Use of Biologics to</td>
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<tr>
<td>2021 Jun</td>
<td>Treat CRSwN. Sanofi Genzyme Canada (virtual).</td>
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<tr>
<td>2021 May</td>
<td>Invited Speaker. Optimizing Care for the United Airway. Sanofi Genzyme Canada</td>
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<tr>
<td></td>
<td>(virtual).</td>
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<tr>
<td>2021 Apr</td>
<td>Course Co-Director. University of Toronto Resident Sinus Surgery Course. Department</td>
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<td></td>
<td>of Otolaryngology-Head &amp; Neck Surgery, University of Toronto.</td>
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<tr>
<td>2021 Apr</td>
<td>Invited Speaker. Endoscopic Anatomy of the Lateral Nasal Wall. University of Toronto</td>
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<tr>
<td></td>
<td>Resident Sinus Surgery Course. Department of Otolaryngology-Head &amp; Neck Surgery,</td>
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<tr>
<td></td>
<td>University of Toronto.</td>
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<tr>
<td>2021 Feb</td>
<td>Invited Speaker. Chronic Rhinosinusitis Overview. Postgraduate Rhinology Core</td>
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<tr>
<td></td>
<td>Teaching. Department of Otolaryngology-Head &amp; Neck Surgery, University of Toronto.</td>
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<tr>
<td>2021 Feb</td>
<td>Invited Speaker. Endoscopic Sinus Surgery: An Evidence Based Approach. Postgraduate</td>
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<tr>
<td></td>
<td>Rhinology Core Teaching. Department of Otolaryngology-Head &amp; Neck Surgery, University</td>
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<td>of Toronto.</td>
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<td></td>
<td>Core Teaching. Department of Otolaryngology-Head &amp; Neck Surgery, University of Toronto</td>
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<tr>
<td>2020 Nov</td>
<td>Invited Speaker. Chronic Rhinosinusitis: 2020 Revisited. Division of Allergy and</td>
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<td></td>
<td>Clinical Immunology Teaching Rounds. University of Toronto.</td>
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<tr>
<td>LIN, RJ</td>
<td>Invited Speaker. Laryngeal Electromyography and Management of Unilateral Vocal Fold</td>
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<tr>
<td>2021 Jun</td>
<td>Paralysis. PMR &amp; Neurology, Department of Medicine, University of Toronto.</td>
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<tr>
<td>2021 Jun</td>
<td>Invited Faculty. Laryngeal Trauma. Otolaryngologic Emergencies: Management Tips and</td>
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<td></td>
<td>Pearls Symposium.</td>
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<tr>
<td>2021 Jun</td>
<td>Invited Speaker. Laryngeal Hypersensitivity: The (can't) Breathers, the Mute, and the</td>
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<tr>
<td></td>
<td>Coughers. Clinical Immunology &amp; Allergy Grand Rounds, Department of Medicine,</td>
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<tr>
<td></td>
<td>University of Toronto.</td>
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<tr>
<td>2021 May</td>
<td>Invited Faculty. Laryngotracheal Stenoses in Adults. University of British Columbia</td>
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<td></td>
<td>(virtual).</td>
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<tr>
<td>2021 May</td>
<td>Invited Speaker for OHNS Podcast. What is Laryngology and What is it Like to be a</td>
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<tr>
<td></td>
<td>Laryngologist?</td>
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<tr>
<td>2021 Feb</td>
<td>Invited Faculty. Differential Diagnoses of Hoarseness when Laryngoscopy is Normal.</td>
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<td></td>
<td>OtoUpdate 2021. Department of Otolaryngology-Head and Neck Surgery, University of</td>
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<tr>
<td></td>
<td>Toronto (virtual).</td>
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<tr>
<td>LIU, F-F</td>
<td>Invited Speaker. Strategic Roadmap to 2026 Revolutionizing Radiation Care Through</td>
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<tr>
<td>2020 Nov</td>
<td>Invited Speaker. Introduction to Princess Margaret Cancer Centre Radiation Medicine Program. The Canada China Trade Innovation Alliance (CCTIA).</td>
<td></td>
</tr>
<tr>
<td>MONTEIRO, E</td>
<td>2021 Feb Invited Speaker. The Maxillary Sinus and Dental Implantation. Faculty of Dentistry – Periodontology Program. University of Toronto.</td>
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<tr>
<td>Year</td>
<td>Speaker</td>
<td>Topic</td>
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<tr>
<td>2021</td>
<td>Wong, A</td>
<td>Invited Speaker. Building Inner Resources to Thrive During the Pandemic.</td>
</tr>
</tbody>
</table>
# Papers Presented at Conferences/Society Meetings

## INTERNATIONAL MEETINGS

### UNITED STATES

#### DE ALMEIDA, J

- **2020 Oct**

- **2020 Oct**

#### ESKANDER, A

- **2020 Oct**

#### WOLTER, N

- **2021 Apr**

- **2021 Apr**

- **2021 Apr**

### VIRTUAL

#### ADAMSON, P

- **2020 Sept**

- **2020 Nov**
## INTERNATIONAL MEETINGS (continued)

<table>
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<tr>
<th>Date</th>
<th>Title</th>
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<tbody>
<tr>
<td></td>
<td>CUSHING, S</td>
<td></td>
</tr>
<tr>
<td>2021 Feb</td>
<td>Gordon KA, McSweeny C, Cushing SL, Papsin BC. Abnormal Spatial Perception in Children with Deafness in One or Both Ears. Conference of the Association for Research in Otalaryngology (ARO).</td>
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<tr>
<td></td>
<td>LIN, RJ</td>
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<td>MARTINO, R</td>
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</tbody>
</table>
### INTERNATIONAL MEETINGS (continued)

<table>
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<tr>
<th>Name</th>
<th>Date</th>
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<th>Venue</th>
<th>Notes</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>2021 Feb</td>
<td>Gordon KA, McSweeny C, Cushing SL, Papsin BC. Abnormal Spatial Perception in Children with Deafness in One or Both Ears. Conference of the Association for Research in Otolaryngology (virtual).</td>
<td>Conference of the Association for Research in Otolaryngology</td>
<td></td>
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</tbody>
</table>
NATIONAL MEETINGS

VIRTUAL

CAMPISI, P


DE ALMEIDA, J

GEVORGYAN, A
2021 Feb Relativity – is it FAIR? The 19th Annual Otolaryngology Update and OMA Section on OHNS Annual Meeting (virtual).

LIN, RJ


NGAN, B

PROVINCIAL/LOCAL MEETINGS

ESKANDER, A
Otolaryngology - Head & Neck Surgery
UNIVERSITY OF TORONTO

Leading Innovation. Achieving Impact

UNIVERSITY OF TORONTO
C. David Naylor Building
6 Queen’s Park Crescent West, Suite 120
Toronto ON M5S 3H2