

OTOLARYNGOLOGY
HEAD & NECK SURGERY

ANNUAL REPORT 22/23



Otolaryngology - Head & Neck Surgery
UNIVERSITY OF TORONTO




Leading Innovation. Achieving Impact



Otolaryngology - Head & Neck Surgery
UNIVERSITY OF TORONTO

BY THE NUMBERS

2022-23 ACADEMIC YEAR

<p># more than 860 ALUMNI worldwide</p>	<p>FACULTY</p> <p>17 FULL PROFESSORS</p> <p>13 ASSOCIATE PROFESSORS</p> <p>28 ASSISTANT PROFESSORS</p> <p>66 LECTURERS</p>	<p> TAHSN HOSPITALS</p> <p>9 FULLY AFFILIATED</p> <p>6 ASSOCIATE</p>
<p>9 ENDOWED CHAIRS</p>		
<p>6  MOSHER AWARDS (since 1964)</p>	<p> RESIDENTS 27</p> <p>FELLOWS 27</p>	<p>MEDIAN H-INDEX OF 43</p> <p>For full-time faculty with 20 years of research experience</p>
<p>16 BOOK CHAPTERS</p> <p>197 PEER-REVIEWED PUBLICATIONS IN</p> <p>96 JOURNALS</p>	<p>\$27,959,412 CAD IN GRANTS</p>	<p>288 PRESENTATIONS BY FACULTY</p>
		<p>INVITED GUESTS & VISITING PROFESSORS: 22</p>

Temerty
Medicine

Edited By:
Dr. Danny Enepekides

Acknowledgements To:
Sonia Valente
Shan Gao

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Department of Otolaryngology– Head & Neck Surgery

Professor and Chair
Vice-Chair Education
Director of Postgraduate Education
Assistant Program Director
Director of Undergraduate Medical Education
Director of Continuing Professional Development
Liaison, Community Academic Faculty
Vice-Chair Research
Director, Sleep Medicine

Dr. Danny Enepekides
Dr. Yvonne Chan
Dr. Vincent Lin
Dr. Eric Monteiro
Dr. Ambrose Lee
Dr. Yvonne Chan
Dr. Janet Chung
Dr. Alain Dabdoub
Dr. Raymond Ng

Otolaryngologists-in-Chief

Hospital for Sick Children
Michael Garron Hospital
North York General Hospital
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

Dr. Blake Papsin
Dr. Bradley Hubbard (interim)
Dr. Everton Gooden
Dr. Ian J. Witterick
Dr. Danny Enepekides
Dr. Janet Chung (interim)
Dr. Andres Gantous
Dr. Yvonne Chan
Dr. Ralph Gilbert

Division Heads

Audiology
Facial Plastic and Reconstructive Surgery
General Otolaryngology
Head and Neck Oncology and Reconstructive Surgery
Laryngology
Otology-Neurotology
Rhinology

Ms. Vicky Papaioannou
Dr. Andres Gantous
Dr. Janet Chung
Dr. Jonathan Irish
Dr. R. Jun Lin
Dr. Adrian James
Dr. John Lee

Committee Chair Holders

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

Dr. Danny Enepekides
Dr. Ambrose Lee
Dr. Vincent Lin
Dr. Yvonne Chan
Dr. Alain Dabdoub
Dr. Kevin Higgins
Dr. Karen Gordon
Dr. Danny Enepekides
Dr. Janet Chung
Vacant
Dr. Praby Singh

Vision, Mission and Values

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.

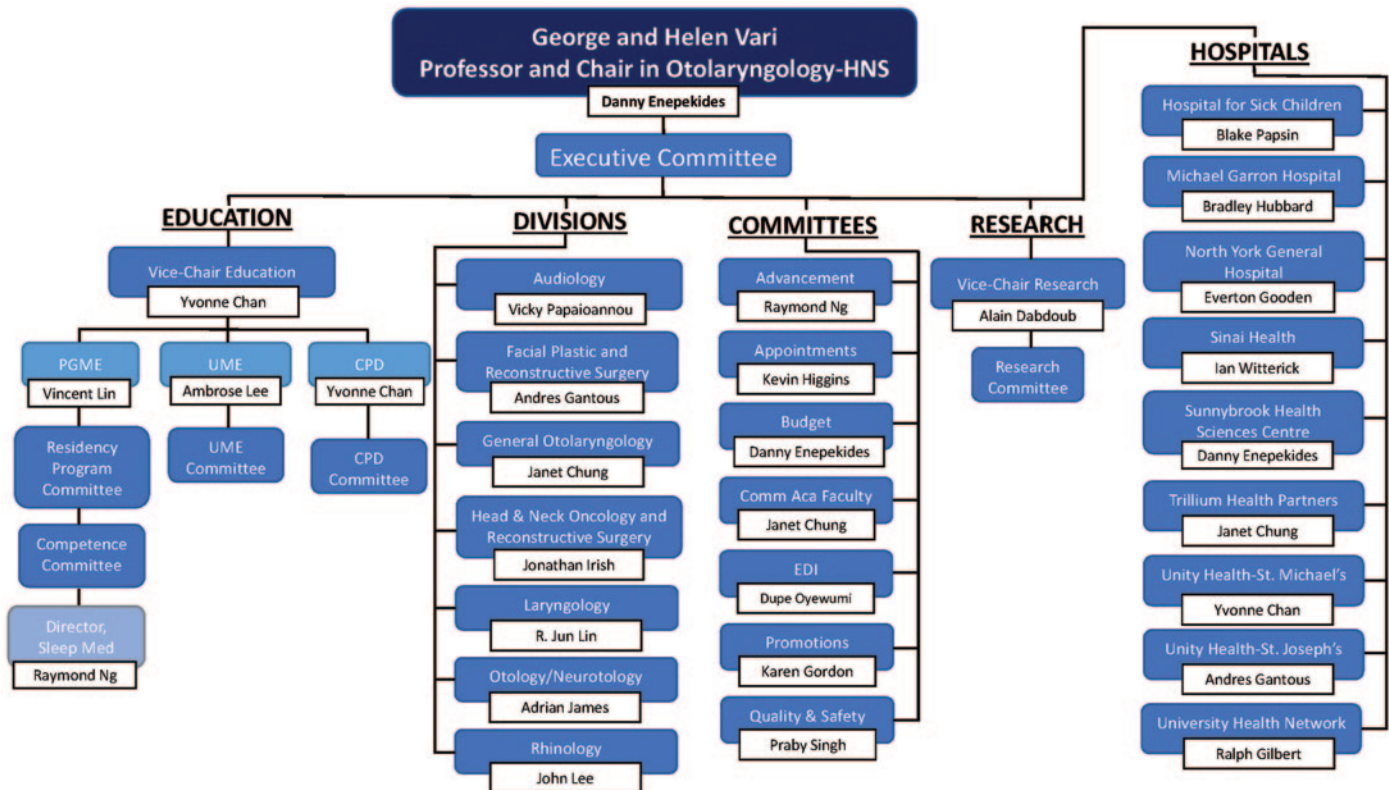
Equity and Inclusion - promoting the inherent dignity of every human being and the just distribution of resources, needs and access to the benefit of society.

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





Chair's Report

I am so extremely proud to share with you the 2022-2023 annual report for our great department. This has been a time of transition. After ten transformative years of leadership, our past chair Dr. Ian Witterick completed his second term. Under his stewardship our department flourished and achieved unprecedented success. Together with our immediate past program director, Dr. Paolo Campisi, Dr. Witterick established our training program as one of the best in the world. The department has witnessed extraordinary levels of external peer-reviewed grant funding, produced impactful leaders for many of our specialty's most important societies, trained over 200 national and international fellows in all areas of the specialty, and established itself as one of the finest residency programs in the world. I am truly humbled and honoured to assume George and Helen Vari Chair of Otolaryngology-Head & Neck Surgery and will do my utmost on your behalf to build upon their remarkable success.

The outstanding achievements highlighted in the pages of this report are made possible by the tremendous efforts of our faculty, fellows, residents, and learners and also by the sacrifice and commitment of our Departmental Executive. In order to give all of our subspecialties a voice and equal representation we established an expanded divisional model for the executive. In doing so, new divisions of otology/neuro-otology, laryngology, and general otolaryngology joined the already established divisions of head and neck oncology and reconstructive surgery, pediatrics, rhinology, facial plastic and reconstructive surgery, and audiology. Additionally, the department established an equity, diversity and inclusion committee and we look forward to its contributions. I am truly grateful and indebted to all those who serve on our dynamic executive.

As of 2022-2023, the department has 17 full professors, 13 associate professors, 28 assistant professors, 66 lecturers, 27 remarkable residents, and 27 fellows. This talented community continues to make our department one of the largest in North America. We have 9 and endowed chairs and more than 860 alumni around the world. Together our extended departmental family is leading innovation and achieving impact globally.

The 2022-2023 academic year has again been a time of remarkable productivity for faculty, residents and fellows. Over the last year our department has published 16 book chapters, 197 peer-reviewed publications in 96 journals, secured almost \$28 million in peer-reviewed grant funding and given over 280 invited presentations. We successfully promoted two faculty to full professor and three faculty to associate professor. Additionally, we welcomed two new assistant professors and four lectures to our faculty. The department's scholarly impact continues to grow. The median H-index for full-time faculty with 20 years of research experience increased to 43, placing these individuals in the "great" category. As always, we should be proud of the fact that our department is home to six Mosher Research Award winners. No other department of Otolaryngology-Head and Neck Surgery in North America has more.

Our department continues to provide leadership to the specialty at all levels. This academic year was no exception. The incredible list of leadership activities carried out by our faculty is included for your review. I would like to highlight several. Dr. Peter Adamson, who leads the Face the Future Foundation, was named a Senior Adviser for the Nepalese Society of Facial Plastic and Reconstructive Surgery. Dr. John de Almeida serves as the education lead for the skull base section of the American Head and Neck Society and was

named a member of the Head and Neck Cancer Core Committee for NRG oncology. Dr. Tony Eskander was named to the Board of Directors of the Head and Neck Cancer Alliance. At the provincial level, Dr. Jonathan Irish serves as the Vice President, Clinical, Cancer Programs for Ontario Health and Cancer Care Ontario and Dr. Joseph Chen continues to serve as the Provincial Coordinator for the Hearing Implant Program of Ontario. Our faculty also contribute significantly to the executive of the Canadian Society of Otolaryngology-Head & Neck Surgery. Dr. Paolo Campisi and Dr. Vincent Lin serve as the Treasurer and Secretary of the executive respectively. Dr. Yvonne Chan continues to serve as the CPD Director. Drs. Kevin Higgins and Tony Eskander are the Ontario regional representatives for the Society. These are just a few of the important leadership positions held by our faculty. I am so proud and thankful to all those who provide leadership and contribute to our department's global impact.

Following the pandemic, 2022 saw the return of an in-person national meeting for the Canadian Society of Otolaryngology-Head & Neck Surgery. The meeting took place in beautiful Vancouver and was an opportunity for all of us to reconnect with friends and colleagues from across the country following years of separation. I would like to congratulate Dr. Vincent Lin who served as the Scientific Program Chair and Dr. Yvonne Chan as the CPD Director. The meeting was a tremendous success during which we hosted a wonderful alumni event.

I am so proud of the many faculty, residents and fellows who selflessly served to advance our efforts in global outreach. Whether this involved caring for our First Nations in Northern Ontario, aiding war victims in Ukraine, healing burn victims in Nepal, managing endemic goiters in rural Kenya, or providing otologic care in Cambodia, all of these efforts speak to our great department's commitment to global health and global citizenship. All of these activities were celebrated at this year's Annual Joseph Wong-Smile China Oration. We were privileged to have Dr. Travis Tollefson from the University of California-Davis join as our guest professor to speak about the power of giving.

Faculty

This year the department was lucky and privileged to recruit Dr. Jennifer Siu as a fulltime faculty member. Jennifer was recruited to join the team at SickKids Hospital following her fellowship in pediatric otolaryngology in Seattle. We wish Jennifer tremendous success as she begins her career. Additionally, the department recruited Dr. Amr Hamour as a clinical part-time faculty member and Drs. Andrew Ma, Vincent Wu, Jason Xu, and Weining Yang as clinical adjunct faculty. We also welcomed Ricky Chow, Thomas Looi, Danna Song, Kaitlin Harvey, and Kassandra Kaminskas as status only faculty. Finally, Dr. Lueder Kahrs, an assistant professor at the Institute of Biomedical Engineering (UT Mississauga), was cross-appointed to our department. I would like to welcome and congratulate all of our new faculty and I look forward to their contributions.

As mentioned, we established new divisions of otology/neuro-otology, laryngology, and general otolaryngology this academic year. I would like to congratulate Drs. Adrian James (Division of Otology/Neuro-otology), R. Jun Lin (Division of Laryngology), and Janet Chung (Division of General Otolaryngology) on their appointments as chiefs of these new divisions. I look forward to their leadership and vision.

After a very competitive search Dr. Tony Eskander was appointed the Otolaryngologist-in-Chief at Michael Garron Hospital. I would like to sincerely thank Dr. Bradley Hubbard for the tremendous job he did as the interim otolaryngologist-in-chief.

Dr. Molly Zirkle was named the Director of the Scarborough Academy of Medicine and Integrated Health Expansion for the Temerty Faculty of Medicine. This accomplishment reflects Dr. Zirkle's commitment to undergraduate medical education and follows her terms as the Director of the FitzGerald Academy and Director of Career Advising in the Office of Learner Affairs in the Temerty Faculty of Medicine. I would also like to congratulate Dr. Ambrose Lee who has been appointed the new Director of Undergraduate Medical Education for our department and takes over from Dr. Allan Vescan. The department owes Dr. Vescan and his two assistant UME directors, Drs. Brad Hubbard and John Lee, much gratitude for their years of service.

Promotion

Academic promotion is the greatest honour the Temerty Faculty of Medicine can bestow upon our faculty. I want to congratulate Drs. Eskander, Le and Wolter for their promotions to the rank of associate professor. The department was very proud to see Drs. Sharon Cushing and Evan Propst promoted to the academic rank of full professor. These promotions recognize the sacrifice, academic excellence, and national/international reputation of our great faculty.

In Memoriam

Sadly, our faculty lost cherished members and friends in 2022-2023. Dr. Lorne Segall sadly passed away on July 17, 2022 at the young age of 49. He graduated from McGill University in 1999 and completed his residency here at the University of Toronto in 2006. He was a cherished faculty member at Trillium Health Partners where he served as chief of otolaryngology between 2016-17. Lorne was an outstanding, compassionate clinician and a superb surgeon. He was always the consummate gentleman and an all around great person, he truly embodied the spirit of teamwork. He will forever be remembered by his patient's colleagues and his friends for his kindness, his intelligence, and his friendly demeanor.

Dr. Derek Birt passed away on May 31, 2023. Dr. Birt was a beloved member of the department. He was recruited from England by Dr. Bryce to start the head and neck program at Sunnybrook. He quickly established himself as an outstanding clinician and a man of principle. He served as our department's program director from 1988-1998 and made many important contributions that helped establish our training program as the best in Canada and one of the best in the world. Most importantly Dr. Birt was a gentleman, a cherished colleague, and a dear friend to many.

Helen Vari, who was a wonderful philanthropist and great supporter of our department, sadly passed away on March 16, 2023. She was a great friend to members of our faculty, including Dr. Patrick Gullane. Her lifelong commitment to philanthropy ultimately benefited our department with the establishment of the George and Helen Vari Chair in Otolaryngology-Head & Neck Surgery. George and Helen were great supporters of higher education. The department is eternally grateful to them for their transformative gift.

Education

This academic year has been a time of transition. I would like to extend my tremendous thanks to Dr. Paolo Campisi for his service to our department as our Vice-Chair Education and Director of Postgraduate Education during the past 10 years. During this time Paolo worked tirelessly to dramatically transform and improve our postgraduate program. His efforts have forever elevated the quality of our educational offerings. I would also like to welcome our new educational executive team. Welcome to Dr. Vincent Lin who took over as our Postgraduate Education Director, Dr. Yvonne Chan who serves as the Vice Chair-Education, and Dr. Ambrose Lee who assumed the undergraduate portfolio. I am confident that this team will build upon the tremendous foundation Dr. Campisi worked so hard to establish.

Our program continues to attract the best and brightest young minds. We were extremely thrilled to welcome five absolute superstar residents to the program this year. Congratulations to Drs. Ryan Daniel, Carlos Kahlil, Melissa Lee, Dorsa Mavedatnia and Jessica Trac. We look forward to their success and development. The department also bid farewell to the class of 2023. Congratulations to Drs. Amr Hamour, John Lee, Vincent Wu, Weining Yang, and Hedyeh Ziai on completion of their residency training and success at the Royal College. I look forward to their future success. We also welcomed a new chief resident. Dr. Chantal Li was elected by her peers to take over as chief resident from Dr. Amr Hamour.

Our new residents and fellows were welcomed to the department at two separate events. A wonderful welcome for residents was held at the Lin residence on July 20, 2023 and another event at the Enepekides residence for fellows and their mentors on July 27, 2023. Both events were extremely well attended and a chance for our teams to socialize and get to know each other. We also had an exceptional graduation event for our class of 2023 at Hart House on June 15, 2023. This was a wonderful opportunity for family, friends and loved ones to gather and celebrate the accomplishment of a graduating residents and fellows.

This academic year also included several fantastic educational events. I would like to thank Dr. Yvonne Chan and the entire organizing committee for another wonderful faculty development day. Our department along with the Departments of Anesthesiology and Surgery hosted a wonderful day of education on November 11, 2022. The theme was "Humanity and Medicine-Physician Burnout or Joy: We discover the rewards of a career in academic medicine". On February 4, 2023 our annual Otolaryngology Update was held. Once again, I would like to thank Dr. Yvonne Chan and the entire organizing committee for putting together a superb program. The academic year once again culminated with the Percy Ireland Dinner and Academic Day held April 28-29, 2023. Our guest of honor was our very own Dr. Ian Witterick. Our visiting professor was Dr. K. J. Lee.

Finally, the department enjoyed an excellent lineup of speakers at our grand rounds. This included 20 visiting professors and many of our local community and academic faculty. I would like to sincerely thank all those who contributed.

Research

The department continues to produce innovative and impactful research. This academic year was extremely successful. Our faculty, as mentioned, published 16 book chapters 197 peer-reviewed publications, and secured almost \$28 million in grant funding. I would like to thank our vice chair-research, Dr. Alain Dabdoub, for his leadership and oversight of our many remarkable programs.

The department allocated two \$25,000 research awards to faculty. This year the awards required collaboration between institutions. I was very happy to award Dr. Karen Gordon from Sick Children's Hospital and Dr. Andrew Dimitrijevic from Sunnybrook one of these awards for their work entitled "Attentive Spatial Hearing in Children and Adults". The other was given to Drs. R. Jun Lin and Brian Coburn for their work titled "Analysis of Microbiology in Idiopathic Subglottic Stenosis". Additionally we awarded five Barberian research scholarships to Drs. Bartling, Chen, Kim, Ma, and Sampieri.

Awards and Distinctions

There are many awards and distinctions detailed in this report but I would like to highlight several.

- Dr. Jeremy Freeman was honoured with the establishment of the *Jeremy Freeman Family Chair in Surgical Oncology* by Mount Sinai Hospital.
- Dr. David Goldstein was named the *Wharton Chair in Head and Neck Surgery* at the Princess Margaret Cancer Centre.
- Dr. Kevin Higgins was selected as the *Faculty Teacher of the Year* for the Department of Otolaryngology-Head & Neck Surgery at the University of Toronto.
- Dr. Molly Zirkle was named the Director of Expansion for the Scarborough Academy of Medicine and Integrated Health.
- Not to be outdone, our fantastic residents were also honored with multiple awards, all of which are listed in this report. Drs. Tanya Chen and Elysia Grose were awarded the *2022 CSCI/CIHR Resident Research Prize* for their research project entitled “National Trends in Gender Diversity Among Trainees and Practicing Physicians in Otolaryngology–Head and Neck Surgery in Canada”. Dr. Justine Philteos was the recipient of the *2023 Wharton Head and Neck Research Award*. Finally, Dr. John Lee received the *Canadian Fellowship Grant* from the Canadian Society of Otolaryngology-Head & Neck Surgery to pursue fellowship training in Australia.

Administration

The department is blessed with a first-class administrative team. Sadly, this year we said goodbye to our Business Officer Audrea Martin. The department is tremendously grateful to her for her years of service and we wish her all the best as she begins the next chapter in her career. We welcomed a new Business Manager Shan Gao who along with our Executive Assistant to the Chair, Sonia Valente, our Undergraduate Education Coordinator, Josie Romantini, our Events Coordinator, Ivy Zhang, and our Postgraduate Coordinator, Andrea Donovan, worked hard to help me take our programs and offerings to new heights.

Summary

As I reflect on my first year as the Chairman of this world leading department of Otolaryngology-Head and Neck Surgery I am truly humbled by the volume and quality of work presented in this report. I am thankful to all of you, the members of our executive, our faculty, residents, fellows, and alumni, for your contributions, dedication and sacrifice. Our success is a collective achievement that we should all take pride in.

Respectfully submitted,
Danny Enepekides MD

Faculty

Faculty Members

Professor and Chair

D. Enepekides, MD, FRCSC, MPH

Professors Emeriti:

S.M. Abel, PhD
P.W. Alberti, MB, PhD, FRCSC, FRCS
B.D. Birt, MB, FRCSC, FRCS
K. Conrad, MD, FRCSC, FRCS
W.S. Crysdale, MD, FRCSC
M.J. Davidson, MD, MSc, FRCSC
R.S. Fenton, MB, FRCSC, FACS
J. Friedberg, MD, FRCSC
R.V. Harrison, PhD, DSc
W.M. Hawke, MD, FRCSC
M.L. Hyde, PhD
J.M. Nedzelski, OOnt, MD, FRCSC

Professors:

P.A. Adamson, OOnt, MD, FRCSC, FACS
D.H. Brown, MB, FRCSC
P. Campisi, MD, MSc, FRCSC
J.M. Chen, MD, FRCSC
A. Dabdoub, PhD
V. Forte, MD, FRCSC
J.L. Freeman, MD, FRCSC, FACS
R.W. Gilbert, MD, FRCSC
D. Goldstein, MD, MSc, FRCSC
K. Gordon, PhD, CCC-A, Reg. CASLPO
P.J. Gullane, CM, OOnt, MB, FRCSC, FACS, Hon-FRACS, Hon-FRCS, Hon-FRCSI, Hon-DSc
J.C. Irish, MD, MSc, FRCSC, FACS
A. James, MB, FRCSC, FRCS
V. Lin, MD, FRCSC
B.C. Papsin, MD, MSc, FRCSC
J.A. Rutka, MD, FRCSC
I. Witterick, MD, MSc, FRCSC

Associate Professors:

J. Anderson, MD, MSc, FRCSC
Y. Chan, MD, MSc, FRCSC, HBSc
S. Cushing, MD, MSc, FRCSC
J. de Almeida, MD, MSc, FRCSC
A. Dimitrijevic, PhD
A.M. Gantous, MD, FRCSC

K. Higgins, MD, MSc, FRCSC
J. Lee, MD, MSc, FRCSC
E.A. Monteiro, BSc, MD, MSc, FRCSC
V. Papaioannou, MCISc
E.J. Propst, MD, MSc, FRCSC
M. Zirkle, MD, MEd, FRCSC

Assistant Professors:

S. Anand, MD, MSc, BArsSc (Hon), FRCSC
N. Bailie, PhD, MB, BCHir, BAO, BSc, FRCSI, FRCS (ORL-HNS)
M.G. Brandt, BSc, MD, FRCSC
J. Davies, MD, MSc, FRCSC
A. Eskander, MD, ScM, FRCSC
R. Fox, MD, FRCSC
E. Gooden, MD, FRCSC
J. Halik, MD, FRCSC
T. Holler, MD, MSc, FRCSC
R.L. Josephson, MD, PhD, FRCSC
J. Kolenda, MD, FRCSC
T. Le, MD, PhD, FRCSC
A. Lee, MD, MSc, CCFP(EM), FRCSC
R.J. Lin, MD, MSc, FRCSC
R. Mounsey, MD, FRCSC, FACS
R. H.W. Ng, BSc, MD, PhD, FRCSC
M. Shah, MD, MPhil, FRCSC
J. Shahin, MD, FRCSC
P. Singh, MD, MSc, FRCSC
O. Smith, MD, FRCSC
P. Solomon, MD, FRCSC
A. Vescan, MD, MSc, FRCSC
J. Werger, MD, FRCSC
N. Wolter, MD, MSc, FRCSC

Lecturers:

J. Adamonis, MCISc
A. Alexander, MD, BSc, FRCSC
J. Asaria, MD, BSc, FRCSC
J. Atlas, MD, BSc, FRCSC
S. Banglawala, MD, BSc, MPH, FRCSC
J. Banh, HBSc, MSc
G. Belchetz, MD, BSc, FRCSC
M. Brace, MD, BSc, MSc, FRCSC
D. Brown, MD, FRCSC
R. Burke, MD, FRCSC
L. Carinci, MCISc, BSc (Hon)

R. Chaban, MD, FRCSC
 M. Chang, BSc, MD, FRCSC
 N. Chauhan, MD, FRCSC
 J. Chung, MD, BSc, FRCSC
 D. Coletta, MSc, BSc(Hon)
 D. Dalgorf, MD, BSc (Hon), FRCSC
 T. Davids, MD, FRCSC
 S. Druker, MSc(A)
 C. Falls, BA Psychology, BHSc, MCISc
 V. Fernandes, MD, FRCSC
 D. Finkelstein, MD, FRCSC
 A. Gevorgyan, MD, MSc, FRCSC
 G. Goulding, MCISc
 A. Grewal, MD, BHSc, FRCSC
 D. Hacker, MD, FRCSC
 B. Hassouneh, BSc, MD, FRCSC
 M. Hazen, MSc, Aud (C)
 R. Hekkenberg, MD, FRCSC
 C. Hong, MD, FRCSC
 B. Hubbard, MD, BSc, FRCSC
 T. Kandasamy, MD, BSc, FRCSC
 A. Katyal, MD, FRCSC
 M. Korman, MD, BA, FRCSC, DAB Oto
 B. Kou, BSc, MD, FRCSC
 L. Kus, MD, MSc, BSc (HONS), FRCSC
 E. LeBlanc, BSc, AuD
 A. Lee, MD, FRCSC
 R. Leung, MD, BSc, FRCSC
 B.T.M. Lui, MD, BSc, MSc, FRCSC
 A. Ma, MD, FRCSC
 L. MacDonald, MSc
 B. Marcarian, MD, FRCSC
 J. Mendelsohn, MBChB, FRCSC
 L. Minz, MD, FRCSC, FACS
 S. Morong, MD, MSc, FRCSC
 K. Nazarali, MD, FRCSC, FACS
 A. Oh, MD, BSc, FRCSC
 A. Osborn, MD, PhD
 M. Oyewumi, HBSc, MD, FRCSC
 L. Palmer, M. Sc. Audiology
 X. Punthakee, MD, BSc, FRCSC
 J. Rakotoarimanana, BSc, MSc
 R. Rival, MD, FRCSC
 M. Roskies, MD, MSc, FRCSC
 R. Seaberg, MD, HBSc, PhD, FRCSC
 T. Shinghal, MD, DMD, FRCSC
 M. Simone, BSc(Hon), MSc
 K. Smilsky, MCISc
 I. Syrett, MCISc
 V. Toran, MD, BSc, FRCSC
 A. Toth, MD, FRCSC

S. Vojvodich, MD, FRCSC
 J. Witte, MA
 A. Wong, MD, BSc, FRCSC
 E. Wong, MSc, AuD
 J. Xu, MD, FRCSC
 C. Yao, MD, FRCSC

Cross-Appointed Faculty

Professors:

S. Blaser, MD, FRCSC, Medical Imaging
 G. Bradley, DDS, MSc, Faculty of Dentistry
 F-F. Liu, MD, FRCPC, Radiation Oncology
 R. Martino, MSc, 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, FRCSC, Surgery
 S. Symons, BSc, MPH, MD, FRCPC, Medical Imaging
 A.M-F. Wong, MD, PhD, FRCSC, FAAO, Ophthalmology & Vision Sciences
 E. Yu, MD, RCPSC, ABR, Medical Imaging
 G. Zadeh, MD, PhD, FRCSC, Surgery

Associate Professors:

E.S. Bartlett, MPH, MD, Medical Imaging
 S. Huang, MRT(T), MSc, MD, Radiation Oncology
 J. Lazor, RPh, BScPhm, MScPhm, EdD, FRSH, Dept of Family & Community Medicine
 B.Y. Ngan, PhD, MD, FRCPC, Laboratory Medicine & Pathobiology
 B. Perez-Ordoñez, MD, FRCPC, Laboratory Medicine & Pathobiology
 J. Waldron, MD, MSc, FRCPC, Radiation Oncology

Assistant Professors:

J. Allegro, MSc, Speech Language Pathology
 S. Laughlin, BSc, MD, FRCPC, RCPSC, ACR, Medical Imaging

Administrative Staff:

Andrea Donovan, Postgraduate/Undergraduate Administrator
 Audrea Martin, Business Officer
 Sonia Valente, Chair's Assistant/Department Executive Assistant
 Ivy Zhang, Events Coordinator

Honours and Awards

BANH, J
2022

Quality Quest. Sunnybrook Health Sciences Centre.

DAVIES, J
2023

Collaboration in Education Award. OR ENT Team, Sinai Health. Awarded to the team who has made an outstanding contribution to learner education.

2023

Inaugural Drucker Reitman Family Discovery Award. First Place in Science of Care Research Competition, Sinai Health. Use of Amnion/Chorion Allograft Onlay for Radial Forearm/Fibular Free Flap Donor Sites: Randomized Control Clinical Trial.

2023

Wightman-Berris Academy Individual Teaching Excellence Award, Undergraduate. The Individual Teaching Performance Awards recognize teachers whose outstanding skills have been personally identified by their students.

ESKANDER, A
2023

Residency Advocacy Award, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

FOX, R
2023

35-year Recognition of Service Award. St. Joseph's Hospital.

FREEMAN, J
2022

Honoured by Mount Sinai Hospital. Created Endowed Distinguished Chair: "The Jeremy Freeman Family Chair in Surgical Oncology"

GEVORGYAN, A
2023

Certification in Appreciation for Continuous Service and Dedication as an Armenian Health Care Professional in Ontario. Armenian Canadian Medical Association of Ontario.

GOLDSTEIN, D
2022

Appointed the Wharton Chair in Head and Neck Surgery, Princess Margaret Cancer Centre.

GULLANE, P
2022
2023

Honorary Doctor of Science, DSc, Western University.

Honorary Membership in the Irish Head and Neck Society

HAZEN, M
2023

REACH Award. Empowering Next-Generation Researchers in Perinatal and Child Health. 2022 Certificate of Recognition for Clinical Education, The Hospital for Sick Children.

HIGGINS, K
2022
2023

Dr. William Dixon Surgical Teaching Award. Sunnybrook Health Sciences Centre.

Faculty Teacher of the Year Award. Department of Otolaryngology- Head & Neck Surgery, University of Toronto.

MACDONALD, L

2022

M&M Letter of Excellence. SickKids.

PROPST, E

2023

2nd Place Poster Prize. Co-author of The Interartenoid Assessment Protocol (IAAP): A Multi-institutional Validation Study to Standardize Pediatric Laryngeal Cleft Evaluations. American Society for Pediatric Otolaryngology Annual Meeting.

2023

Perioperative Services Summer Studentship Award. Hospital for Sick Children.

2023

Toronto's Top Doctors 2023. Post City Magazines.

WITTERICK, I

2023

Collaboration in Education Award. A team award to the OHNS operating room team for teaching nursing students. Sinai Health.

ZIRKLE, M

2023

Friend of the Academy. FritzGerald Academy of Medicine, University of Toronto.

Leadership Activities

ADAMSON, P

2022-present	Senior Advisor. Nepalese Society of Facial Plastic and Reconstructive Surgery.
2021-present	Senior Advisor. International Federation of Facial Plastic Surgery Societies.
2019-present	Senior Advisor. Facial Reconstructive Cosmetic Surgery India Trust.
2011-present	Senior Advisor. Pan Asian Academy of Facial Plastic and Reconstructive Surgery.
1996-present	President and Founder. Face the Future Foundation.
1989-present	Senior Advisor and Past President. Canadian Academy of Facial Plastic and Reconstructive Surgery.

American Academy of Facial Plastic and Reconstructive Surgery

2019-2023	Member. President's Ad Hoc Committee for Rhinoplasty Strategic Planning.
2016-present	Member. Ethics Committee.
2016-present	Mentor. AAFPRS Practitioner's Program.

American Board of Facial Plastic and Reconstructive Surgery

2021-present	Global Ambassador and Voting Member. Executive Committee.
1999-present	Senior Examiner. Responsibilities include new examiner training and orientation for examiners and candidates in Washington, DC.
1988-present	Director, President, Executive Officer.

European Board of Facial Plastic and Reconstructive Surgery

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

International Board for Certification in Facial Plastic and Reconstructive Surgery

2021-present	Global Ambassador and Voting Member. Executive Committee.
2012-present	Executive Officer. Member Executive Committee.

ANAND, S

2013-present	Co-Chair. Monthly Endocrine/Thyroid Multidisciplinary Cancer Conference, Scarborough Health Network and Humber River Hospitals.
2013-present	Co-ordinator. Guideline creation at Scarborough Health Network Hospitals.
2013-present	Developer. Patient Handouts on OTOHNS clinical conditions for patient/public education.
2013-present	Committee Member. Strategic Planning and Clinical Services Plan, Department of Surgery, Scarborough Health Network.

ASRIA, J

2022-present	Member. Nominating Committee. American Academy of Facial Plastic and Reconstructive Surgery.
2021-present	Editorial Board. Facial Plastic Surgery & Aesthetic Medicine.

BRACE, M

2022-present	Examiner. American Board of Facial Plastic and Reconstructive Surgery.
2021-present	Reviewer. Journal of Otolaryngology-Head and Neck Surgery.
2020-present	Member. Exam Committee. American Board of Facial Plastic and Reconstructive Surgery.

BRADLEY, G

2020-present Review Editor. Frontiers in Oral Health – Oral Cancers section.
 2018-2023 Councillor for North America. International Association of Oral and Maxillofacial Pathologists.

Editorial Boards

2016-present Oral Diseases.
 2014-present Oral & Maxillofacial Pathology section, Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology.

BRANDT, M

2021-present Associate Editor. Facial Plastic & Reconstructive Surgery. Journal of Otolaryngology-Head and Neck Surgery.

CAMPISI, P**American Society of Pediatric Otolaryngology**

2023-present Chair. Membership Committee.
 2021-2023 Member. Membership Committee.

Canadian Society of Otolaryngology-Head & Neck Surgery

2021-present Treasurer.
 2018-2022 Historian.

Royal College of Physicians and Surgeons of Canada

2019-present Residency Accreditation Surveyor.
 2012-2023 Member & Examiner. Otolaryngology-Head & Neck Surgery Examination Board.
 2012-2022 Member. Otolaryngology-Head & Neck Surgery Specialty 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 Journal of Otolaryngology-Head & Neck Surgery.
 2005-present The Laryngoscope.
 2004-2023 International Journal of Pediatric Otorhinolaryngology.
 2004-present Paediatrics and Child Health.

CHAN, Y

2023-present EDI Committee Lead. Dept of Otolaryngology-Head & Neck Surgery, University of Toronto.
 2023-present Member. IFOS Executive.
 2023 Interviewer. Postgraduate Medical Education Fellowship Faculty Lead Search Committee, Faculty of Medicine, University of Toronto,
 2023 Member. Department of Otolaryngology-Head & Neck Surgery Chief Search Interview Committee, Michael Garron Hospital.
 2022-present Vice-Chair Education. Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
 2022-present Member. Postgraduate Medical Education Board of Examiners, University of Toronto.
 2022-present Chair. CSO Scientific Program.

2022	Member. Division of Neurosurgery Skull Base Surgeon Search, St. Michael's Hospital.
2022	Mentor. Royal College of Physicians and Surgeons of Canada Regional Advisory Committee New Members.
2021-present	Member. ISIAN Board of Director representing Canada.
2021-present	Associate Editor. Ear, Nose & Throat Journal.

American Academy of Otolaryngology Head and Neck Surgery

2021-present	Member. Annual Meeting Program Committee.
2019-present	Leadership and Mentorship Representative. CSO Women in Otolaryngology Section.
2018-present	Member. CSO Women in Otolaryngology Section.

Manuscript Reviewer

2020-present	The Laryngoscope.
2019-present	Canadian Medical Association Journal.
2014-present	American Journal of Rhinology & Allergy.
2014-present	International Forum of Rhinology & Allergy.
2012-present	Journal of Otolaryngology-Head & Neck Surgery.

Unity Health - St. Michael's Hospital

2022-2023	Evaluator. Unity Health EPR Procurement - Ambulatory.
2021-present	Member. Perioperative Quality & Safety Committee.
2021-present	Member. Surgical Safety Checklist Subcommittee.
2021-present	Otolaryngologist-in-chief. Department of Otolaryngology – Head & Neck Surgery.
2021-present	Member. Medical Advisory Committee.
2021-present	Member. Council of Medical Leaders.
2021-present	Member. Ambulatory Surgery Centre Development Committee.
2021-present	Member. Electronic Patient Record Procurement Committee.
2021-present	Member. Perioperative Cabinet Committee.
2021-present	Member. SMH Association, St. Michael's Hospital.

CHEN, J

2007-present	Provincial Coordinator. Hearing Implant Program of Ontario.
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CUSHING, S

2022	Program Committee Member. SENTAC Meeting. 2022. Philadelphia.
2022-present	Executive Board Member. International Society of Auricular Reconstruction.
2021-present	Member. Triological Society, Thesis: Instability of Hearing in Children with Congenital Cytomegalovirus Infection: Evidence and Neural Consequences.
2017-present	Member. Barany Society.
2014-present	Board Member. Interamerican Association of Pediatric Otorhinolaryngology.
2003-present	Member. American Academy of Otolaryngology - Head & Neck Surgery.
2003-present	Member. Canadian Society of Otolaryngology - Head & Neck Surgery.
2003-present	Member. Association for Research in Otolaryngology.

Associate or Section Editing

2021-present	International Journal of Pediatric Otorhinolaryngology.
2016-present	Frontiers in Otorhinolaryngology-Head and Neck Surgery.

Editorial Boards

2010-present Otology & Neurotology.

Manuscript Reviewer

2021-present BMC-Pediatrics.
 2020-present American Journal of Otolaryngology-Head and Neck Surgery.
 2020-present Behavioral Sciences.
 2020-present International Journal of Environmental Research and Public Health.
 2019-present Journal of Clinical Medicine.
 2018-present Archives of Otolaryngology and Rhinology.
 2018-present BMC Pediatrics.
 2018-present Developmental Medicine & Child Neurology.
 2018-present International Journal of Neurological Disorders.
 2018-present International Journal of Phonetics and Audiology.
 2018-present JAMA Otolaryngology-Head & Neck Surgery.
 2018-present Journal of Audiology & Otolology.
 2018-present Journal of Otolology & Rhinology.
 2018-present Journal of Vestibular Research.
 2018-present SciTechnol.
 2017-present Clinical Genetics.
 2017-present European Journal of Paediatric Neurology.
 2017-present Journal of Otorhinolaryngology, Hearing and Balance.
 2017-present Journal of the American Academy of Audiology.
 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 International Journal of Audiology.
 2015-present Otolaryngology-Head and Neck Surgery.
 2014-present Pediatrics.
 2013-present Cochlear Implants International.
 2013-present Ear and Hearing.
 2013-present The Laryngoscope.
 2012-present Annals of Otolology, Rhinology, & Laryngology.
 2012-present PLoS ONE.
 2011-present International Journal of Pediatric Otorhinolaryngology.

DABDOUB, A

2022-present Associate Editor. Journal of the Association for Research in Otolaryngology.
 2021-present Member. External Advisory Committee. Translational Hearing Center, a National Institute General Medical Sciences Institutional Development Award Center of Biomedical Research Excellence, Creighton University.
 2021-present User Advisory Board Member for Gene Expression Analysis Resource, University of Maryland, School of Medicine.
 2019-present Vice-Chair Research. Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, University of Toronto.

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

DAVIES, J

2023-present Physician Representative. Medical Device Reprocessing Department, Sinai Health.
 2023-present Member. Equity, Diversity and Inclusion Committee, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
 2022-present Member. Research Committee, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
 2021-present Member. Elective Booking Policy Group. Sinai Health.

Reviewer

2023-present Journal of Otolaryngology-Head & Neck Surgery.
 2023-present Quantitative Imaging in Medicine and Surgery.
 2021-present Head & Neck.
 2021-present International Journal of Computer Assisted Radiology and Surgery.
 2019-present The Laryngoscope.
 2012-present University of Toronto Medical Journal (UTMJ).
 2012-present Journal of Neuroscience.
 2011-present Journal of Clinical Anatomy.

DE ALMEIDA, J

2023-present Member. Patient Reported Outcomes and Cost-Effectiveness Analysis Committee, NRG Oncology
 2022-2023 Member and Canadian Cancer Trials Group Representative. Clinical Trials Planning Meeting. Immunocompromised Patients with Cutaneous Squamous Cell Carcinoma. National Cancer Institute.
 2022-present Member and Skull Base Section Representative. Curriculum Development and Maintenance Service, American Head and Neck Society.
 2022-present Chair. Survey Administration Service, American Head and Neck Society.
 2022-present Member. Head and Neck Cancer Core Committee, NRG Oncology
 2022-present Education Lead. Skull Base Section – American Head and Neck Society (AHNS).
 2022-present Member. Head and Neck Advisory Committee, Cancer Care Ontario-Ontario Health.
 2022-2025 Director-at-Large. North American Skull Base Society.
 2021-present Head and Neck Site Group Lead. HIS Implementation, University Health Network.
 2021-present Member. Steering Committee Head and Neck Cancer International Group – AI Initiative (Artificial Intelligence in Head and Neck Cancer).
 2021-present Committee Member. Clinical Practice Guidelines Committee, American Head and Neck Society.
 2021-present Committee Member. Quality & Safety Committee, Department of Otolaryngology Head and Neck Surgery, University of Toronto.
 2021-present Head and Neck Site Group Lead. HIS Implementation, University Health Network.
 2021-present Clinical Informaticist and Superuser. EPIC Health Information System MD Champion, University Health Network.
 2020-present Surgeon Champion. Synapse Health Information System Implementation, University Health Network.
 2020-present Member. Health Information System MD Champion, University Health Network
 2020-present Member. Value and Quality Committee, American Head and Neck Society.
 2020-present International Lead. American Head and Neck Society Skull Base Section Committee.

2020-present	Member. Surgical Sub-committee. Head and Neck Cancer International Group.
2019-present	Member. CCTG Disease Site Committee Centre.
2019-present	Surgical Oncology Site Lead. Canadian Cancer Trials Troup, Princess Margaret Cancer Centre.
2018-present	Member. Surgical Innovation Program, Evaluation Subcommittee, Ministry of Health. Review of ICES database for province wide Robotic surgery data.
2018-present	Member. Cancer Care Ontario – Quality based Program, HNK Cancer Surgery QBP Working Group.
2018-present	Member. Outcomes Committee, American Head and Neck Society – International Consortium for Health Outcome Measurement.
2018-present	Member. Surgical subcommittee. Canadian Clinical Trials Group.
2018-present	Member. Cost, Quality and Outcomes Committee, University Health Network.
2018-present	Head of Research. Division of Head and Neck Oncology and Reconstructive Surgery, University of Toronto.
2017-present	Member. Collaborative Research Initiative, Canadian Society of Otolaryngology Head and Neck Surgery.
2015-present	Member, Continuing Medical Education Compliance Committee, American Head and Neck Society.
2015-present	Member, Research Committee, American Head and Neck Society.
2015-present	Member, Value Based Care Committee, North American Skull Base Society.
2015-present	Member. Cancer Care Ontario - Disease Pathway Management for Oropharynx Cancer.
2013-present	Member. Residency Program Committee (University Health Network Representative), Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2013-present	Member. Robotics Committee, University Health Network.

DIMITRIJEVIC, A

2017-present	Reviewer. Graduate Life Sciences Education, Institute for Medical Sciences, University of Toronto.
2017-present	Reviewer. Natural Sciences and Engineering Council, Institute for Medical Sciences, University of Toronto.

ENEPEKIDES, D

2022-present	George and Helen Vari Chair in Otolaryngology-Head & Neck Surgery, University of Toronto.
2022-present	Member. Executive Committee. International Federation of Head and Neck Oncologic Societies.
2021-present	Chair. Salivary Gland Section. American Head and Neck Society.
2019-present	Chair. Quality and Safety Committee, Canadian Society of Otolaryngology-Head and Neck Surgery
2018-present	Chief. Department of Otolaryngology-Head & Neck Surgery, Sunnybrook Health Sciences Centre.

Manuscript Reviewer

2013-present	JAMA Otolaryngology-Head & Neck Surgery.
2002-present	Head & Neck.
2002-present	Otolaryngology-Head and Neck Surgery.
2002-present	The Laryngoscope.

ESKANDER, A

2023-2026	Member. Thesis Committee, Triological Society.
2022-present	Board of Directors. Head and Neck Cancer Alliance.
2022-present	Member. Surgical Quality Assurance Committee - HN11 SELECT Trial, Canadian Cancer Trials Group.

2021-present	AHNS Lead. US National HPV Vaccination Roundtable as part of the American Cancer Society, American Cancer Society.
2018-present	Member. Thyroid Oncology Collaborative Working Group: Education, University of Toronto.
2018-present	Member. Thyroid Oncology Collaborative Working Group: Clinical Research/Trials, University of Toronto.

American Academy of Otolaryngology – Head & Neck Surgery

2022-present	AHNS Representative, Guidelines Task Force.
2019-2025	Member. Microvascular Committee.
2018-2025	Member. Head & Neck Surgery Education Committee.

American Head and Neck Society

2023-present	Member. Guidelines Advisory Board.
2022-2025	Member, The Curriculum Development & Maintenance Service.
2022-2023	Member. 2023 Program Committee.
2021-present	Vice Chair. Awards and Publication Service.
2021-present	Member. Salivary Section Research Committee, American Head and Neck Society.
2017-present	Member. Endocrine Section Research Committee.

Canadian Society of Otolaryngology-Head & Neck Surgery

2020-present	Lead and Chair, Collaborative Research Initiative
2017-present	Co-Chair, Head and Neck Collaborative Research

Ontario Health (Cancer Care Ontario)

2023-present	Member, Cervical Lymphadenopathy Pathway Map Working Group
2023-present	Member, Oncology Dentistry Services Working Group
2022-2025	Member, Ontario Head and Neck Cancers Advisory Committee
2022-present	Member, Thyroid Surgery Quality Based Procedures (QBP) Committee
2021-present	Clinical Expert and Reviewer. Health Technology Assessment.
2020-present	Member, Head and Neck Cancer Surgery Quality Based Procedures Committee

Michael Garron Hospital

2023-present	Chief of Otolaryngology-HNS, Department of Otolaryngology-Head & Neck Surgery.
2023-present	Member. Medical Advisory Committee.
2023-present	Member. Surgical Council.
2023-present	Member. Credentialing Committee.
2022-present	Member. Research & Innovation Committee.
2017-present	Member. Laser Safety Committee.
2017-present	Chair. Endocrine Oncology Tumor Board.

Sunnybrook Odette Cancer Centre

2022-present	Member. Odette Cancer Centre Program Education Council.
2018-present	Member. Odette Cancer Centre Palliative Care Advisory Committee.
2022-present	Disease Site Lead. Head and Neck Site Group.

Editorial Boards

2022-present	Associate Editor, JAMA Otolaryngology – Head & Neck Surgery.
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2018-present Academic Editor, PLoS One.
 2018-present Associate Editor, Oral Oncology.

Grant Reviewer

2018-present American Academy of Otolaryngology, Head and Neck Sub-Committee Centralized Otolaryngology Research Efforts Grant Committee.
 2018-present CMAJ.
 2018-present Current Oncology.
 2017-present Head & Neck-Endocrine Section.
 2017-present PLoS One.
 2016-present British Journal of Cancer.
 2016-present Journal of Otolaryngology-Head & Neck Surgery (Head and Neck Oncology).
 2016-present Oral Oncology.

FALLS, C

2021-present Director. Canadian Academy of Audiology Board of Directors.
 2021-present Executive Member. National Vestibular Special Interest Group.

FERNANDES, V

2021-present Member. Ethics & Professionalism Committee, Scarborough Health Network.
 2022-present NSQIP Lead. Department of Surgery, Scarborough Health Network.

FREEMAN, J

2023-present Consultant. National Comprehensive Cancer Network.

GANTOUS, A

2019-present Head. Division of Facial Plastic and Reconstructive Surgery. Department of Otolaryngology-Head & Neck Surgery. Temerty Faculty of Medicine, University of Toronto.
 2019-present Chief. Division of Otolaryngology-Head & Neck Surgery, Unity Health Toronto - St. Joseph's Health Centre.

GEVORGYAN, A

2022-present Member. Representing Department of Surgery, Lakeridge Health Corporation. Surgical eReferral Steering Committee, Central East Hospital Cluster.
 2021-present Delegate. Section on Otolaryngology – Head and Neck Surgery, Priority and Leadership Group, Ontario Medical Association.
 2020-present Reviewer. Rhinology Online.
 2019-present Secretary-Treasurer and Vice Chair. Section on Otolaryngology-Head & Neck Surgery, Ontario Medical Association.
 2018-present Member. Editorial Board. Rhinology Online.
 2017-present Reviewer. Journal of Otolaryngology-Head & Neck Surgery.
 2015-present Member. Surgical Operations Committee. Lakeridge Health.
 2015-present Editorial Board Member. Rhinology.
 2012-present Reviewer. Rhinology.

GILBERT, R

2012-present	Chief. Department of Otolaryngology-Head & Neck Surgery, University Health Network.
2009-present	Member. Board of Trustees, University Health Network.
2003-present	Member. Planning Committee, Annual Wharton/Elia Day, with the Sullivan Lecturer, Department of Otolaryngology-Head & Neck Surgery, Princess Margaret Hospital.
2001-present	Member. Head and Neck Site Group, National Cancer Institute of Canada.
2001-present	Member. Management Council, Department of Surgical Oncology, Princess Margaret Hospital.
1991-present	Member. Practice Guidelines Initiative, Provincial Head and Neck Cancer Disease Site Group, Cancer Care Ontario.

GOLDSTEIN, D

2021-present	Member. Finance Committee. American Head and Neck Society.
2021-present	Member. Grants Services Committee. American Head and Neck Society.
2021-present	Member. 2023 International Meeting Program Committee. American Head and Neck Society.

GOODEN, E

2021-present	Chair. Governance and Inclusion Committee, NYGH Foundation Board.
2018-present	Director. Face the Future Foundation.
2011-present	Director. North York General Hospital Foundation Board.
2009-2023	Member. Surgical Program Governance Committee. North York General Hospital
2009-2023	Chief. Department of Otolaryngology-Head & Neck Surgery, North York General Hospital.

GORDON, K

2023-present	Member, Scientific Program Committee, International CI2024 conference.
2022-present	Associate Editor, Trends in Hearing.
2022	Advisory Board member, House Children's Hearing Center, CA, USA.
2022	Member, Nominations Committee, Society for Ear, Nose and Throat Advances in Children.
2022	Member, Research Committee, Society for Ear, Nose and Throat Advances in Children.
2021-present	Chair. Promotions Committee. Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2020-2023	Member, Program Committee, Association for Research in Otolaryngology.

Institute of Medical Science, University of Toronto

2020-present	Member. Executive Committee, Institute of Medical Sciences.
2020-present	Member. Leadership Committee, Institute of Medical Sciences.
2019-present	Chair. Appointments Committee.

GULLANE, P**Member, Editorial Board**

2020-present	International Journal of Head and Neck Science, Taiwan
2005-present	Journal Auris Nasus Larynx, International Journal of ORL & HNS (Elsevier), Japan.
2003-present	Online Journal Head and Neck Surgery-Oncology.
2000-2022	The Laryngoscope.
2000-2022	Head & Neck.
1999-present	The Saudi Journal of Oto-Rhino-Laryngology Head and Neck Surgery, International Advisory Board, Saudi Arabia.

Manuscript Reviewer

2004-present	Lebanese Journal.
1991-present	Les Annales d'Otolaryngologie et de Chirurgie Cervico-faciale.
1981-2022	Journal of Otolaryngology-Head & Neck Surgery.

Editorial Review Board

1991-present	Les Annales d'Otolaryngologie et de Chirurgie Cervico-Faciale.
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HAZEN, M

2023	Manuscript Reviewer. International Journal of Pediatric Otorhinolaryngology
2022-present	Project Consultant. Vivosonic, Toronto, ON.
2020-present	Career Host. Career Exploration & Education, University of Toronto.
2019-present	Coach/Monitor, Audiology. College of Audiologists and Speech-Language Pathologists of Ontario.
2019-present	Member. Audiology. Circle of Cleft Professional.
2019-present	Member. Audiology Working Group. City of Toronto Infant Hearing Program.

HIGGINS, K

2023-present	International Member. North American Society for Interventional Thyroidology.
2023-present	Member. Microvascular Committee, American Academy of Otolaryngology Head and Neck Surgery.
2023	Member. Scientific Review Committee, AHNS 2023 11th International Conference Program Committee, American Head and Neck Society.
2022	Head and Neck Working Group Committee Member, International Federation of Otolaryngology Societies.
2022-present	Member. Plastic and Reconstructive Surgery Committee, American Head and Neck Society.
2021-present	Member. Mucosal Section Value & QOC Committee, American Head and Neck Society.
2020-2022	Member, Plastic and Reconstructive Surgery Committee, American Academy of Otolaryngology Head and Neck Surgery.
2020-present	Member. Head and Neck Pandemic Response Group, Cancer Care Ontario.
2019-present	International Liaison. American Head and Neck Society, Endocrine Section.
2019-present	Ontario Regional Representative. Head and Neck Council, Canadian Society of Otolaryngology-Head & Neck Surgery.
2019-present	Executive Member. Fellowship Steering Committee, Advanced Triologic Training Council Fellowship Program, Division of Head and Neck Surgery, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2018-present	Member. Cancer Surgery QBP Working Group (HNK).
2018-present	Member. Esophageal Cancer Working Group, Cancer Care Ontario.
2018-present	Surgical Lead. Craniofacial Prosthetic Unit, Extra-Oral Devices Implantation Program, Odette Cancer Centre.
2017-present	Member. Sunnybrook's Sustainability Program Office, Sunnybrook Health Sciences Centre.
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, 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.
2012-present	Member. Undergraduate Committee, Department of Otolaryngology-Head & Neck Surgery, 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, University of Toronto.
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, University of Toronto.

Manuscript Reviewer

2022-present	Journal of Patient Experience.
2019-present	Journal of Reconstructive Microsurgery.
2014-present	JAMA Otolaryngology-Head & Neck Surgery.
2012-present	Craniofacial Trauma & Reconstruction.
2012-present	Thyroid.
2011-present	Clinical Otolaryngology.
2010-present	Otolaryngology-Head and Neck Surgery
2010-present	Head & Neck.
2006-present	The Laryngoscope.
2005-present	Journal of Otolaryngology- Head & Neck Surgery.

HUBBARD, B

2013-2023	Member. Residency Program Committee, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2013-2023	Assistant Director. Undergraduate Medical Education, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2021-2023	Member. Executive Committee, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2021-2023	Interim Chief, Division of Otolaryngology-Head & Neck Surgery, Michael Garron Hospital.

IRISH, J

2021-present	Program Director. Head and Neck Surgical Oncology Fellowship Program, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
2017-present	Head. Division of Head and Neck Oncology and Reconstructive Surgery, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

American Academy of Otolaryngology-Head and Neck Surgery

2020-2022	Member. Head and Neck Surgery and Oncology Committee.
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Canadian Cancer Society

2021-present	Member, Board of Directors (National Board).
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Cancer Care Ontario-Ontario Health

2021-present	Vice President. Clinical, Cancer Programs, Ontario Health-Cancer Care Ontario.
2020-2021	Interim Provincial Clinical Head. Cancer Care Program and Quality Initiatives.
2020-present	Co-Chair. Clinical Council.

2020-present	Member. Provincial Leadership Council.
2020-2022	Member. Expert Panel, Clinical Guidance for Person-Centred Virtual Cancer Care.
2006-present	Chair. Surgery-Diagnostic Imaging Access to Care Advisory Council.

Ministry of Health and Long-Term Care

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

2020-present	Member. Clinical Institutes and Quality Programs Executive.
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Ontario Institute of Cancer Research

2020-present	Member. Board of Directors.
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Associate Editor

2010-2022	Head & Neck.
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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.

Editorial Boards

2016-present	Member. Journal of International Advanced Otology.
2016-present	Member. Otology & Neurotology.
2008-present	The Cochrane Library (Ear, Nose & Throat Disorders Group).

LE, T

2017-present	Reviewer. Journal of Otolaryngology Head & Neck Surgery.
2017-present	Reviewer. CSO Otology papers.
2019	Committee Member. Cochlear Implant RFP. Sunnybrook Health Sciences Centre.

LE BLANC, E

2021-present	Section Co-editor. ENT & Audiology News, Tech Review.
2021-present	Member. Finance & Risk Committee, DeafBlind Ontario Services.
2017-present	Board Member. Deafblind Ontario Services.
2014-present	Member. Client Services Committee, DeafBlind Ontario Services.

LEE, A

2023-present	Director. Undergraduate Medical Education. Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
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LEE, J

2022-present	Member. International Committee. American Rhinologic Society.
2016-present	Head. Division of Rhinology, Faculty of Medicine, Dept of Otolaryngology-Head & Neck Surgery, University of Toronto.
2014-present	Faculty Member. Editorial Board. F1000 Prime: Section on Rhinology and Paranasal Sinus Disease.
2014-present	Member. Advisory Board. F1000 Research.
2013-present	Member. Research Committee, Dept of Otolaryngology-Head & Neck Surgery, University of Toronto.
2012-2023	Assistant Director. Undergraduate Medical Education, Dept of Otolaryngology-Head & Neck Surgery, University of Toronto.
2012-2023	Undergraduate Site Director. Dept of Otolaryngology-Head & Neck Surgery, Fitzgerald Academy, St. Michael's Hospital.
2013-2021	Member. Post-graduate Committee, Faculty of Medicine, Dept of Otolaryngology - Head & Neck Surgery, University of Toronto.
2013-2021	Postgraduate Site Director. Dept of Otolaryngology-Head & Neck Surgery, St. Michael's Hospital.
2011-present	Member. Editorial Board. American Journal of Rhinology and Allergy.

Manuscript Reviewer

2019-present	JAMA Otolaryngology-Head & Neck Surgery.
2019-present	Investigative Otolaryngology.
2011-present	The Laryngoscope.
2010-present	International Forum of Allergy & Rhinology.
2009-present	American Journal of Rhinology & Allergy.
2009-present	Journal of Otolaryngology-Head & Neck Surgery.

LIN, V

2019-present	ATC Clinical Lead. Otolaryngology Surgery, Cancer Care Ontario.
2019-present	Expert Assessor. WSIB, Otology/Neurotology Opinions for Cases Escalated to Tribunal Level. Worker's Safety Insurance Board Tribunal
2018-present	Chair. Otolaryngology Section, Ontario Medical Association.
2017-present	Examiner. Otology/Neurotology section, Royal College of Physicians and Surgeons of Canada.
2017-present	Otology/Neurotology Expert Advisor. Health Technology Assessment. Health Quality Ontario.
2015-present	National Lead. Canadian Society of Otolaryngology-Head & Neck Surgery, Choosing Wisely Canada.
2015-present	Section Chair. Development of Otology-Neurotology Choosing Wisely Canada Guidelines.
2011-present	Clinical and Research Advisor. Audiology, ENT and Speech Working Group, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, Patient and Public Education. Ontario Health Study.

Canadian Society of Otolaryngology-Head & Neck Surgery

2022-present	Secretary. Executive Committee.
2018-2022	Scientific Program Chair. Executive Committee.
2018-present	Founding Member, Canadian Collaborative Research Initiative Core Group.
2016-present	Council Member. Vestibular Working Group.
2009-present	Council Member. Otology Working Group.

University of Toronto

2017-present	Member. AFP Innovation Grant Review Committee. Sunnybrook Health Sciences Centre, Temerty Faculty of Medicine, Department of Otolaryngology-Head & Neck Surgery.
2013-present	Postgraduate Director. Sunnybrook Health Sciences Centre, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, Postgraduate MD.
2008-present	Contributor. Otolaryngology-Head & Neck Surgery Annual Resident In-Service Examination, Department of Otolaryngology-Head & Neck Surgery, Temerty 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.
2008-present	Journal of Otolaryngology-Head & Neck Surgery.

LIN, RJ

2021-present	Member of Resident Program Committee
2021-present	PGME Site Lead, Department of OHNS, Unity Health Toronto - SMH
2023-present	Lead, Division of Laryngology, Department of OHNS
2021-present	Associate Editor. Journal of Otolaryngology-Head & Neck Surgery.
2020-present	Judging. Poliquin Resident Research Competition. Canadian Society of Otolaryngology-Head & Neck Surgery.

MARTINO, R

2023-present	Member. Head and Neck PRO Working Group, National Research Group.
2022-present	Member. Multinational Association of Supportive Care in Cancer.
2022-present	Member. Advisory Board, AHNS Guidelines, American Head and Neck Society.
2022-present	Dysphagia Expert Member, Delphi Study, Clinical Decision-Making in the Disease Trajectory of Oropharyngeal Dysphagia.
2022-present	Member, Planning Committee, World Dysphagia Symposium.
2022-present	Advisory Council, DRS Institute for Education, Dysphagia Research Society.
2021-present	Member. Advisory Council, Gleiberman Head and Neck Cancer Center, University of Southern California at San Diego.
2021-2022	Scientific Faculty, World Dysphagia Summit.
2021-2022	Mentor. Global Oncology Leadership Development Program.
2021-2022	Scientific Mentor, Global Stroke Network.
2020-present	Member. International Inter-Professional Committee, Dysphagia Research Society.

2020-present	Associate Member. American Head and Neck Society.
2019-present	Member, National Canadian Institute.
2018-present	Member. College, Canadian Institutes of Health Research.
2012-present	Associate Member, Canadian Centre for Applied Research in Cancer Control.
2009-present	Member. Canadian Cancer Trials Group.
2007-present	Member. Collaborative Program in Neuroscience, University of Toronto.
2004-present	Member. Dysphagia Research Society.

NAZARALI, K

2012-present	Member. Pharmaceuticals and Therapeutics Committee. Trillium Health Partners.
2012-present	Director. Continuing Education. West End Otolaryngology-Head and Neck Surgery Group.
1996-present	Member. Medical Advisory Services, Aga Khan Health Board Ontario.

OSBORN, A

2013-present	Reviewer. International Journal of Pediatric Otorhinolaryngology.
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PROPST, E

2023	Member, Tracheostomy Clinical Practice Guidelines Expert Panel, ATS.
2020-2024	Member, SIMEC Simulation Education Committee, AAO-HNS.
2018-present	Member. Thyroid Oncology Collaborative Working Group, Patient Care/Quality Improvement Committee & Education Committee, Toronto ON.
2018-2022	Member, Strategic Committee, The Aerodigestive Society.
2016-present	Member, Periodic Fever Aphthous Stomatitis Pharyngitis, Cervical Adenitis Clinical Pathway Development Committee, Faculty of Medicine, Postgraduate MD, United States, Childhood Arthritis and Rheumatology Research.

Hospital for Sick Children

2019-present	Member. Quality & Safety: Perioperative Services Strategic Planning Working Group.
2018-present	Finance Lead. Pediatric Otolaryngology.
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.
2014-present	Member. Pierre Robin Sequence Working Group.
2014-present	Supervisor. Decreasing Tracheotomy Stay Initiative.
2013-present	Member. Multidisciplinary Tracheoesophageal Fistula Clinic.

Manuscript Reviewer

2022-present	World Journal of Pediatric Surgery.
2017-present	Sleep and Breathing.
2016-present	Dentistry Journal.
2016-present	Pediatric Pulmonology.
2015-present	Hospital Pediatrics.
2015-present	Pediatrics.
2014-present	BMC Pediatrics.
2014-present	The Laryngoscope.
2012-present	Sensors.

2006-present International Journal of Pediatric Otorhinolaryngology.
 2005-present Canadian Medical Association Journal.

SHAH, M

2023-present Chief. Department of Otolaryngology-Head & Neck Surgery, North York General Hospital.

SHINGHAL, T

2023-present Member. Equity, Diversity and Inclusion Committee. Department of Otolaryngology-HNS, Temerty Faculty of Medicine.

SINGH, P

2022-present Chair, Quality and Safety Committee, Department of Otolaryngology-HNS, University of Toronto.
 2021-2023 Co-Lead. Health Equity Certificate Program, Advanced Quality Improvement Stream. Scarborough Health Network.
 2020-2023 Member. OtoUpdate Planning Committee, Department of Otolaryngology-HNS, University of Toronto.
 2020-2023 Associate Editor – Journal of Otolaryngology – Head and Neck Surgery.
 2020-present Medical Director. Quality, Scarborough Health Network.

VESCAN, A

2019-present Member. Board of Directors. North American Skull Base Surgery.

WITTERICK, I

American Head & Neck Society

2021-present Chair. Skull Base Surgery Section.

Canadian Society of Otolaryngology-Head & Neck Surgery

2022-present Past President/Executive Committee.
 2021-2022 Immediate Past President.

Global Online Fellowship in Head & Neck Surgery and Oncology

2018-present Member. Board of Directors.

North American Skull Base Society

2019-present Member. Board of Advisors.

Sinai Health

2012-present Chief. Department of Otolaryngology-Head & Neck Surgery.
 2012-present Member. Medical Advisory Council.

World Congress on Thyroid Cancer

2022-2023 Member. Steering Committee, World Congress on Thyroid Cancer, June 14-17, 2023, London, UK.

2021-2022 Member. Steering Committee, World Congress on Thyroid Cancer, Virtual programming, Three virtual meetings in 2021 (March 13, June 5, and October 16, 2021) and two in 2022 (April 9 and October 1, 2022).

Associate Editor

2010-present American Journal of Rhinology & Allergy.

Member Editorial Board

2015-present International Forum of Allergy & Rhinology.
 2010-present American Journal of Rhinology & Allergy.
 2010-present Journal of Neurological Surgery, Part B: Skull Base.
 2009-present Ear, Nose & Throat Journal.

WOLTER, N

2022-present Lead. Ontario Button Battery Task Research Collaborative.
 2021-present Committee Member. Outreach/Research Committee. The Society for Ear Nose and Throat Advancement in Children.
 2021-present Co-Lead. Journal Club, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.
 2020-present Residency Site Education Director. Department of Otolaryngology-Head & Neck Surgery, Hospital for Sick Children.
 2019-present Program Committee Member. Difficult Airway Committee. Perioperative Services Advisory Committee. Hospital for Sick Children.
 2019-present Program Committee Member. POCU Quality & Patient Safety Committee. Perioperative Services. Hospital for Sick Children.
 2019-present Program Committee Member. Surgical Site Infection Action Committee Perioperative Services. Hospital for Sick Children.

Peer Reviewer

2017-present Journal of Otolaryngology-Head & Neck Surgery.
 2017-present The Laryngoscope.
 2017-present PLoS One.
 2016-present International Journal of Pediatric Otorhinolaryngology.

YAO, C

2022-present Member. University Health Network Head and Neck Cancer Survivorship Committee.

ZIRKLE, M

2023-present Director of Expansion. Scarborough Academy of Medicine and Integrated Health Expansion.

Research Grants and Contracts

CAMPISI, P

2023 Co-Investigator. Effects of Dexamethasone on Post-operative Opioid Requirement and Perioperative Respiratory Adverse Events in Pediatric Tonsillectomy: A Systematic Review with Meta-analyses. W. Ng, K. Aoyama, J. Hayes, P. Campisi, Hospital for Sick Children Perioperative Services Summer Studentship Award. \$3,000 CAD.

CHEN, J

2022 Clinical Research Projects will Include a User Experience/Non-inferiority Testing, Prototype Testing-3D Immersive Virtual Goggles, Diagnostic and Ablative Ultrasound Probe, Cranial Nerve Tractography. Toward funding a new robotic exoscope surgical viewing platform (Synaptive Modus V). Sunnybrook SD1 Personalized Precision Medicine Grant. \$850,000 CAD.

DABDOUB, A

2022-27 Principal Investigator. Multiomic Approaches to Identify Regenerative Pathways for the Treatment of Inner Ear Disorders. Canadian Institutes of Health Research. \$880,000 CAD.

2021-24 Principal Investigator. Sensory Hair Cell and Supporting Cell Homeostatic States. Hearing Health Foundation (USA). \$600,000 USD.

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 USD.

2020-22 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.

DAVIES, J

2023 Supervisor. The Impact of Patient-specific Surgical Cutting Guides on Pathological Margin Status: A Prospective Study on Virtual Surgical Planning in Head and Neck Cancer. Harry Barberian Scholarship Fund, Department of Otolaryngology-Head & Neck Surgery. University of Toronto. \$5,000 CAD.

2023 Use of Smartphone Infrared Thermography to Identify Free Flap Perforators and Assist in Free Flap Planning. Harry Barberian Scholarship Fund, Department of Otolaryngology-Head & Neck Surgery. University of Toronto. \$5,000 CAD.

2023 Supervisor. Utilizing Open-Source Software to Develop Low-Cost Patient Matched Oral-Maxillofacial Surgical Guides to Facilitate Patient Care and Improve Surgical Outcomes. Science of Care Research Award, Sinai Health. \$10,000 CAD.

2023 Supervisor. Use of Amnion/Chorion Allograft Onlay for Radial Forearm/Fibular Free Flap Donor Sites: Randomized Control Clinical Trial. Science of Care Research Award, Sinai Health. \$10,000 CAD.

2023 Co-Investigator. Studying the Aerosolization Effect of Ultrasonic Cleaning Devices Post Cycle Completion in Hospital Settings to Clean Medical Devices and the Risk to the Staff Using These Devices to Better Inform the Types Personal Protective Equipment Requirements that Should be Used in Decontamination Zones of a Reprocessing Suite. Science of Care Research Award, Sinai Health. \$10,000 CAD.

DE ALMEIDA, J

2023-present Principal Investigator. SELECT Trial SPECT guided treatment of the contralateral neck in lateralized oropharynx cancer. PHRC Grant, Paris, France. 1,094,000 Euro

2022-present Co-Principal Investigator. SELECT trial: SPECT Guided Treatment of the Contralateral Neck in Lateralized Oropharynx Cancer. Flemish Granting Organization. 169,400 Euro.

2022-2023 Co-Investigator. Accelerating Clinical Translation of Non-invasive Imaging and Molecular Biomarkers (ACT_NIMBly) Towards Adaptive Clinical Trials in Head and Neck Oncology. Princess Margaret Cancer Centre Catalyst Grant. Principal Investigator: Scott Bratman. Co-Investigators Benjamin Haibe-Kains, Andrea McNiven, Tony Tadic, John de Almeida, Kathy Han, Andrew Hope, Ali Hosni Abdalaty, Shao Hui Huang, John Kim, Ian King, Enrique Sans Garcia, Lillian Siu, Anna Spreafico, John Waldron, Wei Xu, Eugene Yu, Eric Zhao. \$100,000 CAD.

2021-2024 Co-Investigator. Molecular Residual Disease Interception in Locoregionall Advanced High Risk HPV-positive and HPV-negative HNSCC (MERIDIAN). Clinical Translation Pathway CATA Grant, Ontario Institute for Cancer Research (OICR). PI(s): Bratman S, Siu L. Co-I(s): de Almeida J, Haibe-Kains B, Hansen A, Hope A, Perez-Ordóñez B, Sanz Garcia E, Spreafico A, Waldron J, Xu W. \$1,287,792 CAD.

2021-2024 Co-Investigator. Validation of Ultrasensitive HPV ctDNA Analysis Platforms for Detection of Molecular Residual Disease in HPV-positive Cancers. Clinical Translation Pathway Pre-CATA Grant, Ontario Institute for Cancer Research (OICR). PI: Bratman S. Co-I(s): Han K, Kim J, de Almeida J, Lheureux S, Keshavarzi S, Hosni A, Spreafico A, Waldron J, Xu W. \$749,358 CAD.

2021-present Co-Investigator. Circulating HPV DNA for Early Detection of Recurrence in HPV-Positive Cancers. Agnico Eagle Intercept Cancer Grand Challenge. Collaborator(s): Scott Bratman, John de Almeida, Ali Hosni, Anna Spreafico, John Kim, John Waldron, Stephanie Lheureux, Wei Xu and Sareh Keshavarzi.

2021-present Principal Investigator. SELECT Trial – SPECT-CT Guided Treatment of the Contralateral Neck in Lateralized Oropharynx Cancer. National Cancer Institute/National Clinical Trials Network/Cancer Therapeutics Evaluation Program. Co-Investigators: Ali Hosni, Wei Tu, Wendy Parulekar. Clinical Trial Grant. \$2,958,000 CAD.

2021-2028 Principal Investigator. SPECT-CT Guided Elective Contralateral Neck Treatment in Lateralized Oropharyngeal Cancer (SELECT): A phase III randomized controlled trial. Canadian Institutes of Health Research Project Grant. Co-investigators: Ali Hosni, Wendy Parulekar, Jolie Ringash, Douglas Chepeha, John Waldron, Murray Krahn, Bingshu Chen. Canadian Institutes for Health Research Project Grant Award: \$3,203,435 CAD.

DIMITRIJEVIC, A

2022-2027 Primary Investigator. Objective Measures of Real-World Cochlear Implant Outcome Using Psychoacoustics and Electrophysiology. Canadian Institutes of Health Research, Alain Claude. \$619,650 CAD.

ENEPEKIDES, D

2019-2025 Co-Investigator. Business Lead Networks of Centres of Excellence (BL-NCE): Refined Manufacturing Acceleration Process 2.0 (ReMAP 2.0) "Open Architecture Surgical Innovation Suite - OASIS: Creating an Informational and Imaging Integrated Operating Room for the Next Generation of Surgery". \$500,000 (total project value, \$1,500,000). Principal Investigator: Victor Yang, MD, PhD.

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.

2020-2022 Principal Investigator. Symptom Burden as a Predictor of Emergency Room Visits and Unplanned Hospitalizations in Patients with Head and Neck Cancer Innovation Fund Sunnybrook Alternate Funding Plan Grant. Principal Investigators: Drs. Danny Enepekides and Antoine Eskander Co-Investigators: Drs. Natalie Coburn, Jonathan Irish, Zain Husain, John Kim, Julie Hallet, Nicole Mittman, Rinku Sutradhar, Lesley Gotlib Conn, Frances Wright, Christopher Noel. \$100,000 CAD.

ESKANDER, A

2023-2026 Co-Applicant. Understanding Cancer Care Following a New or Suspected Cancer Diagnosis Through the Emergency Department. CIHR Project Grant. Principal Investigator: Grewal, Keerat. Co-Applicants: Jackie Bender, Bjug Borgundvaag, Sheldon Cheskes, Antoine Eskander, Jonathan Irish, Monica Krzyzanowska, Shelley L, McLeod, Rohit Mohindra, David Savage, Rinku Sutradhar, Venkatesh Thiruganasambandamoorthy, Rachel Walsh, Kerstin de Wit. \$206,550 CAD.

2022-2024 Co-Investigator. Cancer Care for Patients Diagnosed with Cancer Through the Emergency Department. Canadian Association of Emergency Physicians Grant. Principal Investigator: Grewal, Keerat. Co-Investigators: Jackie Bender, Bjug Borgundvaag, Sheldon Cheskes, Kerstin de Wit, Antoine Eskander, Brooke Filsinger, Jonathan Irish, Monica Krzyzanowska, Shelley L McLeod, Rohit Mohindra, Howard Ovens, David Savage, Rinku Sutradhar, Venkatesh Thiruganasambandamoorthy, Rachel Walsh. \$10,000 CAD.

2022-2027 Principal Investigator. Decreasing Emergency Department Visits Among Cancer Patients Ontario Ministry of Colleges and Universities Early Researchers Award Round 16. \$190,000 CAD.

2022-2024 Co-Investigator. Designing New Care Models for Anesthesiology in Complex Gastrointestinal Surgery by Leveraging Volume-outcome Relationships. Sunnybrook AFP Innovation Fund Operating Grant. Principal Investigator: D'Empaire, Pablo Perez. Co-Investigators: Angela Jerath, Chris Idestrup, Natalie Coburn, Antoine Eskander, Lesley Gotlib Conn, Rinku Sutradhar, Frances Wright, Gianni Lorello, Daniel McIsaac, Alexis Turgeron-Fournier, Jonathan Irish. \$69,117 CAD.

- 2022-2024 Co-Investigator. Defining Value for Patient-Centred Cancer Care Delivery. Sunnybrook AFP Innovation Fund Operating Grant. Principal Investigator: Coburn, Natalie. Co-Investigators: Dhruvin Hirpara, Nicole Look-Hong, Antoine Eskander, Matthew Cheung, Nicole Mittmann, Rinku Sutradhar, Alyson Mahar, Julie Deleemans. \$64,625 CAD.
- 2022-2024 Co-Investigator. Integrating Equity into Quality Metrics for Colorectal Cancer Care: An Analysis of Wait Times for Curative-intent Surgery. Sunnybrook AFP Innovation Fund Operating Grant. Principal Investigator: Perera Sharon. Co-Investigators: Frances Wright, Antoine Eskander, Anthony Chuk Kae Lott, Elie Isenberg-Grzeda, Alyson Mahar, Natalie Coburn, Adom Bondzi-Simpson, Shady Ashamalla. \$72,277 CAD.
- 2022-2024 Co-Principal Investigator, The Impact of COVID-19 on the Diagnosis and Treatment of Breast Cancer (TICTOC): A Population-based Study. CIHR Operating Grant. Principal Investigators: Cil, Tulin D; Eskander Antoine; Zhong Toni. Co-investigators: Eitan Amir, Andrea M Covelli, Vivianne Freitas, Anne Koch, Gary Ko, Amanda Roberts. \$296,920 CAD.
- 2022-2024 Co-Principal Investigator. The Long and Short of Disruptions in Surgical Services due to the COVID-19 Response: The Impact and Path Forward. CIHR Operating Grant. Principal Investigators: Sauro, Khara M; Urquhart, Robin L; Eskander, Antoine. Co-investigators: Jonathan C Irish, Stacy D Litvinchuk, Jill N Robert, Tom Wallace, Tracy J Wasylak, Mary E Brindle, Joseph C Dort, Catherine A Eastwood, Liane S Feldman, Gregory Hirsch, Ivar M Mendez, Geoffrey A Porter, David R Urbach. Collaborators: Sanjay Beesoon, Elijah Dixon, Andrew Graham, Ania Kania-Richmond, Josh Ng, Jason Wrele, Jonathan White. \$252,000 CAD.
- 2022-2023 Co-Applicant. STRIVE Before Surgery Trial: A Vanguard Pragmatic Multicentre Randomized Trial of Structured TRaining to Improve Fitness in a Virtual Environment Before Surgery. CIHR Project Grant. Principal Applicants: McIsaac, Daniel; Gillis, Chelsia; Hallet Julie; Kidd, Gurlie; McNeely, Margaret; Taljaard, Monica; Tandon, Puneeta; Wijeyesundera, Duminda. Co-Applicants: Rebecca Auer, Laura Boland, Rodney Breau, Gregory Bryson, Tyler Chesney, Antoine Eskander, Dean Fergusson, Alan Forster, Sylvain Gagne, Marlyn Gill, Emily Hladkowitz, Rachel Khadaroo, Manoj Lalu, Luke Lavallee, Guillaume Martel, Colin McCartney, Husein Moloo, Derek Roberts, Celena Scheede-Bergdahl, Pablo Serrano, Kednapa Thavorn, Carl van Walraven, Kelly Vogt, Merrick Zwarenstein. Collaborators: Karim Abdulla, Sylvain Boet, Timothy Jackson, John Joanisse, Cameron Love, Amanda Meliambro, Sudhir Nagpal, Daniel Trottier, Ilun Yang. \$260,100 CAD.
- 2022-2023 Co-Applicant. The Canadian Prehabilitation Network Review: A Systematic Review and Component Network Meta-analysis to Inform Prehabilitation Design and Evaluation. CIHR Project Grant. Principal Applicants: McIsaac, Daniel; Boland, Laura; Gill, Marlyn; Gillis, Chelsia; Hutton, Brian. Co-Applicants: Sylvie Aucoin, Rebecca Auer, Paul Beaulieu, Gregory Lyle Bryson, Francesco Carli, Antoine Eskander, Dean Fergusson, Julio Fiore Jr, Alan Forster, Alexa Grudzinski, Jayna Holroyd-Leduc, Rachel Khadaroo, Manoj Lalu, Guillaume Martel, Colin McCartney, Julie Nantel, Stephane Poitras, Celena Scheede-Bergdahl, Monica Taljaard, Areti Veroniki, Duminda Wijeyesundera. Collaborators: Shamsuddin Akhtar, Marlis Atkins, Carlota Basualdo-Hammond, Mary Brindle, Melani Gillam, Leah Gramlich, Timothy Jackson, Cameron Love, Dolores McKeen, Amanda Meliambro, Husein Moloo, Ronald Moore, John Muscedere, R Shorr, Tom Wallace. \$100,000 CAD.

- 2022-2024 Co-Principal Investigator. The Tsunami After the Earthquake: COVID-19 Impact on Cancer Care and Outcomes. CIHR Operating Grant: Addressing the Wider Impacts of COVID-19. Principal Investigators: Eskander, Antoine and Sutradhar, Rinku. Co-Investigators: Rui Fu, Kelvin Chan, Natalie Coburn, Craig Earle, Danny Enepekides, Lesley Gotlib Conn, Julie Hallet, Timothy Hanna, Jonathan Irish, Monika Krzyzanowska, Lauren Lapointe-Shaw, Linda Rabeneck, Jill Tinmouth, David Urbach, Simone Vigod, Frances Wright. \$339,000 CAD.
- 2022-2024 Principal Investigator. Patient Reported Symptom Burden as a Predictor of Emergency Department Use and Unplanned Hospitalization: A Multi-Methods Approach to Improving Head and Neck Cancer Care in Ontario. Canadian Cancer Society Challenge Grant. Principal Investigator: Eskander, Antoine. Co-Applicants: Kelvin Chan, Natalie Coburn, Lesley Gotlib Conn, Julie Hallet, Zain Husain, Irene Karam, Rinku Sutradhar. Additional Author (Trainee): Christopher Noel. \$439,095 CAD.
- 2022-2024 Co-Applicant. Transitions in Care Among Patients with Cancer (CanTiC). Canadian Cancer Society Challenge Grant. Principal Investigator: Sauro, Khara. Co-Applicants: Antoine Eskander, Darren Brenner, Shamir Chandarana, Winson Cheung, Colleen Cuthbert, Joseph Dort, Khara Sauro, Joon Lee, Jeanna Parsons Leigh, Yuan Xu. \$414,760 CAD.
- 2021-2029 Co-Investigator. SPECT-CT Guided ELEctive Contralateral Neck Treatment (SELECT) for Patients with Lateralized Oropharyngeal Cancer: A Phase III Randomized Controlled Trial. CIHR Project Grant. Principal Investigators: Wendy Parulekar, John de Almeida, Ali Hosni Abdalaty. Co-Investigators: Houda Bahig, Mathieu Belzile, Bingshu Chen, Douglas Chepeha, Apostolos Christopoulos, Antoine Eskander, John Hilton, Murray Krahn, Stephen Lai, Rosemary Martino, Mihir Patel, Eitan Prisman, Jolie Ringash, John Waldron, Han Zhang. Collaborators: Nathalie Audet, Vincent Biron, Christopher Chin, Jennifer Cicci, Natasha Cohen, Thomas Galloway, Stephanie Johnson-Obaseki, Mathieu Leclerc, Danielle MacNeil, Larry Marshall, Caitlin McMullen, Eric Monteiro, Farah Naz, Matthew Old, Rathan Subramaniam. \$3,200,000 CAD.
- 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 CAD.
- 2021-2023 Co-Investigator. A Multicentre Randomized Phase Trial II of the Efficacy of Sodium Thiosulfate (STS) and Mannitol in Reducing Ototoxicity in Adult Patients Receiving Cisplatin Chemotherapy with Curative Intent. Sunnybrook AFP Innovation Fund Operating Grant. Principal Investigator: Trung N. Le. Co-Investigators: Antoine Eskander, Danny Enepekides, Kevin Higgins, Vincent Lin, Joseph Chen, Geoffrey Liu, Rena Buckstein. \$99,317 CAD.
- 2021-2022 Principal Investigator. Gaps in Management of System-Wide Depression Screening in Patients with HNC. AAO-HNSF Health Services Research Grant. Principal Investigator: Eskander, Antoine. Co-Investigators: Christopher Noel, Jonathan Irish, Simone Vigod, Julie Hallet, Rinku Sutradhar, David Forner. \$10,000 USD.

2020-2024	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. 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	Co-Principal Investigator. Symptom Burden as a Predictor of Emergency Room Visits and Unplanned Hospitalizations in Patients with Head and Neck Cancer. Innovation Fund Sunnybrook Alternate Funding Plan Grant. Principal Investigators: Drs. Antoine Eskander and Danny Enepekides. Co-Investigators: Drs. Natalie Coburn, Jonathan Irish, Zain Husain, John Kim, Julie Hallet, Nicole Mittman, Rinku Sutradhar, Lesley Gotlib Conn, Frances Wright, Christopher Noel. \$100,000 CAD.
2019-2022	Co-Applicant. PREPARE Trial: A Parallel Arm Multicentre Randomized Trial of Frailty-focused PReoperative Exercise to Decrease PostoperAtive Complication Rates and Disability scorEs. CIHR Project Grant. Principal Investigators: Daniel McIsaac, Dean Fergusson, Rachel Khadaroo, John Muscedere, Monica Taljaard. Co-Applicants: Colin McCartney, Sylvain Boet, Husein Moloo, Luke Lavallee, Sylvain Gagne, Rodney Breau, Alan Forster, Barbara Power, Allen Huang, Manoj Lalu, Sudhir Nagpal, Laura Boland, Julie Nantel, Antonio Caycedo, Antoine Eskander, Jayna Holroyd-Leduc, Ana Johnson, Grace Ma, Janet McElhaney, Tarit Saha, Celena Scheede-Bergdahl, Kednapa Thavorn, Carl van Walraven, Duminda Wijeyesundera. \$1,136,025 CAD.

GORDON, K

2023-2024	Co-Principal Investigator. Objective Measures of Auditory Spatial Attention in Cochlear Implant Users Using Audio-visual Movies. Department of Otolaryngology-Head & Neck Surgery, University of Toronto: Co-PI: Andrew Dimitrijevic, \$25,000 CAD.
2022-2027	Sub-recipient Primary Investigator. Binaural Processing and Hearing in Children with Cochlear Implants. National Institute of Deafness and Communication Disorders of the National Institute of Health. Primary Investigator: Litovksy R, Co-Investigators: Hartley S, Gurindapalli NG, \$2.95M USD.
2020-2024	Primary Investigator. Novel Treatment to Promote Spatial Hearing in Children Who are Deaf. CIHR Project Grant, Fall 2019 competition. Co-investigators: Papsin BC, Cushing SL, Collaborators: Scollie S, Papaioannou V. \$559,980 CAD.

HIGGINS, K

2022	Collaborator. Combined Hyperbaric Oxygen Therapy and PENTOCLO for Osseoradionecrosis of the Mandible. Sunnybrook AFP grant. \$100,000 CAD.
2019-present	Co-Investigator. Protective Effects of Sodium Thiosulfate and Mannitol Against Cisplatin-induced Hearing Loss: A Phase II Randomized Controlled Trial. New frontiers in Research Fund – Exploration Collaborator(s): Lin V, Chen J, Enepekides D, Karam I, Poon I, Hussain Z, Eskander A, Higgins KM. \$125,000 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.

- 2015-present Co- Investigator. The Application of MR-guided HIFU for Regionally Recurrent Unresectable Head and Neck Carcinoma. FUS Foundation. Principal Investigator: Lee J. Collaborator(s): Enepekides D, Higgins KM. \$75,000 CAD.
- 2014-present Co-Investigator. Defining a Personalized Hypoxic Radiation Target Through Correlation of Functional F18-FAZA PET Imaging to Pimonidazole-stained 3D Whole-mounted Histological Specimen. University of Toronto Department of Radiation Oncology/Cancer Imaging Network of Ontario. Principal Investigator: Poon I. Collaborator(s): Higgins KM, Yaffe M, Ward A, Enepekides D, Weinreb I, Zukotynski K. \$80,000 CAD (UT-DRO: \$50,000 CAD / CINO: \$30,000 CAD).

IRISH, J

- 2023-2025 Co-investigator. Understanding cancer care following a new or suspected cancer diagnosis through the emergency department. PI: Keerat Grew. CIHR Project Grant. \$206,550 CAD.
- 2022-2024 Co-Investigator. Development of Stimulant Responsive liposomes as precise drug delivery systems- TRACTION: Triggered Release of AntiCancer Therapeutics hybrid Iron Oxide Nanoparticles 2022-R5-T1-01 Nanomedicines Innovation Network/NMIN Networks of Centres of Excellence (NCE) Network, \$750,000 CAD. PI: Pieter Cullis (UBC). \$71,000 CAD.
- 2022-2024 Co-Investigator. Cancer Care for Patients Diagnosed with Cancer Through the Emergency Department. Canadian Association of Emergency Physicians. Grewal K. (PI) \$10,000 CAD.
- 2022-2025 Co-Investigator. Canadian Cancer Real-world Evaluation (CCRE) Platform. Canadian Agency for Drugs and Technologies in Health Post-Market Drug Evaluation Core Network Partnership Grant. PI: Chan K. \$2,815,546.15 CAD.
- 2022-2024 Knowledge User. The Long and Short of Disruptions in Surgical Services Due to COVID-19 Response: The Impact and Path Forward. CIHR Operating Grant: Addressing the Wider Impacts of COVID-19. PI: Sauro KM. \$252,000 CAD.
- 2022-2024 Knowledge User/Co-Investigator. The Tsunami after the Earthquake: COVID-19 Impact on Cancer Care and Outcomes. CIHR Operating Grant: Addressing the Wider Impacts of COVID-19. 2022-2024. PIs: A Eskander, R Sutradhar. \$170,000 CAD.
- 2022-2024 Principal Investigator. Nanoparticle Enabled Photodynamic Therapy and Fluorescence Guided Surgery for Treatment of Oral Cavity Cancer. Canadian Cancer Society Challenge Grant. Co-PI: Zheng Co-applicants/collaborators: M Oblak, R Foster, B Wilson, N Muhanna, R Weersink. PI: J Irish. \$401,700 CAD.
- 2022-2024 Knowledge User. Designing New Care Models for Anesthesiology in Complex Gastrointestinal Surgery by Leveraging Volume-outcome Relationships. Sunnybrook AFP Innovation Fund. PI: Perez D'Empaire. \$69,117 CAD.

2022-2024	Knowledge User. Patient Reported Symptom Burden as a Predictor of Emergency Department Use and Unplanned Hospitalization: A Multi-Methods Approach to Improving Head and Neck Cancer Care in Ontario". Canadian Cancer Society. PI-A Eskander. \$439,095 CAD.
2021-2024	Co-Investigator/Overall Clinical Lead. First-in-Human Porphysome Nanotechnology for Precision Tumour Ablation and Surgical Guidance, OICR Clinical Acceleration Team Awards. Ontario Institute for Cancer Research. PI: G Zhang. \$1,130,803 CAD.
2021-2023	Co-Principal Investigator. First-in-Human Porphysome Nanotechnology for Precision Tumour Ablation and Surgical Guidance. The Agnico Eagle Beyond Chemotherapy Grand Challenge. PIs: A Oza, J Irish, B Wilson. \$500,000 CAD.
2021-2022	Co-Investigator. The Surgical EQUITY Initiative: Establishing Equitable Access to Surgery Following the Pandemic. CIHR Operating Grant: Emerging COVID-19 Research Gaps & Priorities. PI: David Gomez. July 2021 \$220,596 CAD.
2021-2022	Co-Investigator. Pre-CTA/protocol Design for the First-in-Human Porphysome Clinical Trial. Princess Margaret Research Stimulus Grant. PI: G Zhang. \$75,000 CAD.
2021-2022	Co-Investigator. Resumption of Surgery After the COVID-19 Pandemic: Evaluation and Recommendations Using Population-based Data. St. Michael's Hospital Foundation Research Investment Council Grant. PI: D Gomez. \$190,000 CAD.

LE, T

2021-2023	Principal Investigator. Protective Effects of Sodium Thiosulfate and Mannitol Against Cisplatininduced Hearing Loss: A Phase II Randomized Controlled Trial. Sunnybrook AFP-IPOC grant. \$100,000 CAD.
2021-2023	Principal Investigator. Treatment of vestibular schwannoma in Neurofibromatosis 2 syndrome using Bevacizumab and Focused Ultrasound. Department of Otolaryngology-Head & Neck Surgery, University of Toronto. \$25,000 CAD.

LIN, RJ

2023 Apr	Principal Investigator. Microbiome Profile in iSGS. Department of Otolaryngology-Head & Neck Surgery, University of Toronto, Co-PI: Bryan Coburn, \$25,000 CAD.
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MARTINO, R

2021-2029	Co-Investigator (Swallowing Outcomes). SPECT-guided Elective Contralateral Neck Treatment (SELECT) in Oropharynx Cancer: A Phase III RCT. Canadian Institutes of Health Research. Grant PI: J de Almeida, A Hosni, W Parulekar. Co-investigators: J Ringash.
2020-2023	Principal Investigator. Validation of an On-line Independent Training for TOR-BSST© Dysphagia Screeners. Heart and Stroke Foundation of Canada Bridge Grant. Co-investigator: L. Casaubon. \$40,000 CAD.

2019-2023	Co- Principal Investigator. Development and Validation of an On-line Independent Training Program for TOR-BSST© Dysphagia Screeners. Alternate Funding Plan Innovation Fund. Co-PI: L Casaubon \$143,781 CAD.
2019-2023	Principal Investigator. Creation of a TOR-BSST© eLearning Platform for Dysphagia Screeners. Canadian Institute of Health Research Planning and Dissemination Grant. Co-investigators: C. Arulvarathan, L. Casaubon, S. Darling, B Jenkins, K. Wingrove. \$20,000 CAD.
2018-2021	Co-Investigator. Efficacy of the Rehabilitation Planning Consult for Survivors of Head and Neck Cancer: A Phase II Randomized Controlled Trial. Canadian Cancer Society Research Institute, Innovation to Impact Grant. PI: J. Ringash. Co-Investigators: A. Davis, L. Moody, K. Higgins, J. Jones, S. McEwen. \$450,000 CAD.
2018-2023	Co-Investigator. The Development and Validation of a Novel Tool for the Assessment of Bulbar Dysfunction in ALS. National Institutes of Health National Institutes of Deafness and Communications Disorders. PI: Yunusova, Y. Co-PI: Green JR. Co-investigators: Barnett-Tapia C, Berry J, Zinman L. \$2,276,390 USD.
2018- 2023	Principal Investigator. Canada Research Chair (Tier II) in Swallowing Disorders. Canada Research Chairs. \$500,000 CAD.
2018-2024	Co-Principal Investigator. PRO-ACTIVE: Comparing the Effectiveness of PROphylACTic Swallow InterVEntion for Patients Receiving Radiotherapy for Head and Neck Cancer. Patient Centered Outcomes Research Institute. Co-PI: K. Hutcheson. Co-Investigators: S. Langmore, T. McCulloch, C. Lazarus, K. Thorpe, D. Fuller, J. Ringash, A Hope, C. McDonald, M. Fitch, J. Theurer, D. Palma, K. Sultanem, K. Pytynia. \$8,509,931 USD.
2017-2022	Co-Investigator. Finding/Identifying Primaries with Neck Disease (FIND Trial): A Pilot Study Integrating Transoral Robotic Surgery, Histopathologic Localization, and Tailored De-intensification of Radiotherapy for Unknown Primary and Small Oropharyngeal Head and Neck Squamous Cell Carcinoma. Princess Margaret Cancer Foundation, Innovation Funds for Surgical Oncology. PI: J de Almeida. Co-Investigators: J Kim, D Chepeha, SV Bratman, DP Goldstein, R Jang, E Yu, U Metser, I Weinreb, B Perez-Ordóñez, W Xu. \$70,000 CAD.

NG, R

2023	Collaborator. Developing an AI-based Smartphone Application to Assess the Risk of Sleep Apnea and Distinguish its Types Using Speech and Video Analyses. Ted Rogers Centre for Heart Research Education Fund. Supervisor: Behrad, Taghibeyglou; KITE-Toronto Rehabilitation Institute and Institute of Biomedical Engineering University of Toronto. Collaborator: Chi-Ming Choi; Department of Medicine, University of Toronto.
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PROPST, E

2022-2024	Co-Investigator. Positional Sleep Therapy for the Management of Obstructive Sleep Apnea in Children –The POSAtive trial. Physician's Services Incorporated. Co-Investigator(s): Narang I, Propst E, Xiao L, Kendzerska T, Ryan C, McLaren A, Baker A. \$185,000 CAD.
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SINGH, P

2023 Co-Applicant. REACH Scarborough. Canadian Institute of Health Research. Cafe Scientifique. Principal Investigator: Carvalhal, Adriana. Collaborators: Griffiths, Shauna. Mohammed, Zahid. \$6,000.00 CAD.

VESCAN, A

2019-present Co-Primary Investigator. Novel Applications of Cannabadiol in Rhinosinusitis a Murine Model. Raymond Ng Innovation Fund, Department of OHNS, University of Toronto. Drs. Amr Hamour, Jong Lee, Eric Monteiro, John Lee. \$200,000 CAD.

WITTERICK, I

2022-2024 Co-Principal Investigator. Using high-dimensional spatial profiling to elucidate heterogeneity of tertiary lymphoid organs and their function in Head & Neck Cancer. Sinai Health's Office of Technology Transfer & Industrial and the Sinai Health Foundation Sandbox Fund Competition. Co-PIs Witterick IJ, Schramek D, Collaborators: Fu, D, Zhang, L. \$50,000 CAD.

WOLTER, N

2023-2024 Co-Investigator. Validating the PAIN-RISK Measure: Identifying youth at risk of developing poor postsurgical outcome. Stinson J, Rosenbloom BN, Birnie K, Wan M, Monga S, Isaac L, Tyrrell J, Davidge K, Lebel D, Fecteau A, Wolter N. PCYMH grant. \$85,000 CAD.

WONG, E

2023 Project Team Lead. Improving the Waiting Room Experience for Patients with Hearing Loss. Sunnybrook Health Sciences Centre, Practice-Based Research and Innovation, \$5,000 CAD.

YAO, C

2023 Co-investigator. Developing Treatments for Foregut Failure: Laying the Groundwork for Esophageal Transplantation. Elliot Wakeam, Tom Waddell, Jonathan Yeung, Kazuhiro Ysaufuku, UHN Translational Research Seed Grant, \$40,000 CAD.

2023 Principal Investigator. Optimizing Angles and Minimizing Bite Forces for Long-term Stability in Mandibulectomies – A Sawbones Pilot Study. Hugh Kim, Department of Otolaryngology-Head & Neck Surgery, University of Toronto, Harry Barberian Scholarship Fund, \$5,000 CAD.

2023 Co-investigator. Use of Smartphone Infrared Thermography to Identify Medial Sural Artery Free Flap Perforators and Assist in Free Flap Planning. Gianluca Sampieri, Joel Davies, Kevin Higgins. Department of Otolaryngology-Head & Neck Surgery, University of Toronto, Harry Barberian Scholarship Fund, \$5,000 CAD.



Residents & Fellows

Residents & Fellows

PGY 1

Emily Yi Qin Cheng
Nicole Crimi
Hugh Kim
Ahmad Mirza
Jacob Wihlidal



PGY 2

Mandolin Bartling
Tian (Tanya) Chen
Elysia Grose
Amirpouyan (Pouyan)
Namavarian
Gianluca Sampieri



PGY 3

Garret Horton
Marc Levin
Justine Philteos
Ahmed Saleem
Lily Wang



PGY 4

Fahad Aldhahri
Adam Kwinter
Chantal Li
Christopher Noel
Dongho (Brian) Shin
Edward Sykes
Grace Yi



PGY 5

Amr Hamour
Jong Wook (John) Lee
Vincent Wu
Weining Yang
Hedyeh Ziai



Fellowship	Fellow	Country of Training	Mentor(s)
Head and Neck Surgical Oncology	Abdulrahman Alenazi Michael Hajek Shayanne Lajud Guerrero Mohammed Mamdani Esmat Najjar Sharon Tzelnick Joaquin Ignacio Ulloa Suarez	Saudi Arabia United States Dominican Republic United States Israel Israel Chile	University Health Network: Drs. Dale Brown, Douglas Chepeha, John de Almeida, Jonathan Irish, Ralph Gilbert, David Goldstein, Patrick Gullane Sinai Health: Dr. Jeremy Freeman Sunnybrook HSC: Drs. Danny Enepekides, Kevin Higgins
University Health Network Otolaryngology Research Fellowship	Tiziana Mondello Alessandra Ruaro	Italy Italy	University Health Network: Drs. Ralph Gilbert, Jonathan Irish
Facial Plastic & Reconstructive Surgery	Mohammad Alomani	Kuwait	Dr. Andres Gantous
Facial Plastic & Reconstructive Surgery	Islam Alzayadneh Aseel Osama Doubi	Jordan Saudi Arabia	Drs. Richard Rival & Philip Solomon
Facial Plastic & Reconstructive Surgery	Mohammed Abdulkader Jomah	Saudi Arabia	Dr. Oakley Smith
Facial Plastic & Reconstructive Surgery	Rohan Joshi	United States	Dr. Jamil Asaria
Paediatric Otolaryngology	Khaloud Al Bahri Abeer Alali Jianli Samantha Goh Tal Honigman	Oman Kuwait Singapore Israel	Hospital for Sick Children: Drs. Paolo Campisi, Sharon Cushing, Adrian James, Blake Papsin, Evan Propst, Nik Wolter
Rhinology, Skull Base and Head & Neck Oncology	Maru Gete	Israel	Sinai Health: Drs. Ian Witterick, Allan Vescan, Eric Monteiro
Otology Skull Base Surgery	Demir Bajin Omer Yaacov Ungar	Turkey Israel	Sunnybrook HSC: Drs. Joseph Chen, Vincent Lin
Medical & Surgical Otology/Neurotology	Sasan Dabiri Fatemeh Hassan Nia Tiarna Magos Robert William John Mcleod	Iran Iran United Kingdom Wales	University Health Network: Drs. John Rutka, Neil Bailie Markham Stouffville Hospital: Drs. Jerry Halik, Ambrose Lee
Laryngology	Zainab Bakhsh Huixin Hu	Saudi Arabia Singapore	St. Michael's Hospital: Dr. Jennifer Anderson

Departmental Awards

Departmental Awards Program

These awards were presented at Percy Ireland Academic Day or the at the Percy Ireland Dinner.

Resident Awards



Chapnik, Freeman and Friedberg Clinical Scientist Program Award was presented to **Dr. Janet Chung** - 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.



Dr. Ian Witterick Excellence in Mentorship and Innovation Award presented to **Dr. Jong Wook Lee (PGY5)** - in recognition of excellence in one or more of the following areas: research, education, mentorship and/or innovation.



Dr. Ian Witterick Research Award in Otolaryngology-Head & Neck Surgery presented to **Dr. Justine Philteos and Matsya Thulasiram** - in recognition of the best overall research paper awarded at Percy Ireland Academic Day and a second award to another category winner at Percy Ireland Academic Day as chosen by the adjudication committee.



Freda Noyek Otolaryngology Merit Award presented to **Dr. Justine Philteos (PGY3)** - In recognition of special commitment to patient care and/or academic achievement.



Judy Chauvin Otolaryngology Resident presented to **Dr. Tanya Chen (PGY2)** - In recognition of an enthusiastic interest in the initiation of a serious otolaryngology-related research project.



Nimeck Otolaryngology Award presented to **Dr. Jong Wook Lee (PGY5)** - in recognition of a resident in the department who have an interest in hearing loss and/or skull base tumours.



Wharton Head & Neck Research Award presented to **Dr. Justine Philteos (PGY3)** - In recognition of the best paper in head and neck oncology presented at the Percy Ireland Academic Day.

Follow Awards



Kris Conrad Merit Award in Facial Plastic Surgery presented to **Dr. Mohammad Jomah** - 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



The Alma Smitheringale Excellence in Undergraduate Teaching Award presented to **Dr. Aman Grewal** - Awarded to a faculty member, resident or fellow for outstanding undergraduate teaching or curriculum development.



Resident Teacher of the Year Award presented to **Dr. Amr Hamour** - 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.



Fellow Teacher of the Year Award presented to **Dr. Demir Bajin** - Awarded to a fellow in our program who is judged to have been an outstanding teacher to residents and medical students during their fellowship.



Department of Otolaryngology-Head & Neck Surgery Excellence in Teaching Award presented to **Dr. Kevin Higgins** - 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.



Resident Advocate Awards presented to **Drs. Antoine Eskander & Eric Monteiro** - In recognition of an individual faculty member who particularly demonstrates commitment to advocacy in the residency program.



Distinguished Alumnus Award presented to **Dr. Vincent Lin** - Awarded to an alumnus 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.

Research Awards

Harry Barberian Scholarships presented to

Dr. Mandolin Bartling for her project entitled: "AI-Powered Fluorescence Imaging for Surgical Guidance: Oral Cancer Post-Excision Margin Evaluation". Mentors: Dr. Jon Irish/Mike Daly

Dr. Tanya Chen for her project entitled "The Impact of Patient-specific Surgical Cutting Grades on Pathological Margin Status: A Prospective Study on Virtual Surgical Planning in Head and Neck Cancer". Mentor: Dr. Joel Davies

Dr. Hugh Kim for his project entitled: "Optimizing Angles and Minimizing Bite Forces for Long Term Stability for Mandibulectomies: A Sawbones Pilot Project". Mentor: Dr. Christopher Yao

Dr. Daniel Mul for his project entitled: "Smart Materials for Button Battery Impaction Protection". Mentor: Dr. Nikolaus Wolter

Dr. Gianluca Sampieri for his project entitled: "Use of Smartphone Infrared Thermography to Identify Medial Sural Artery Free Flap Perforators and Assist in Free Flap Planning". Mentor: Dr. Joel Davies



Dr. Raymond H. W. Ng Graduate Award presented to **Mr. Boaz Ehiogu** - 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. Raymond H. W. Ng PhD Awards presented to **Priyanka Prince and Robel Alemu** - 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.



Wilfred Goodman Award in Facial Plastic and Reconstructive Surgery presented to **Dr. Jin Soo Song (PGY5, University of Alberta)** - Awarded to a resident or fellow who is undertaking their education and research in the field of facial plastic and reconstructive surgery.

Percy Ireland Academic Day

Annual Percy Ireland Dinner

Friday April 28, 2023

University of Toronto's Hart House, Music Room





31st Annual Percy Ireland Academic Day

Saturday April 29, 2023

The Department of Otolaryngology-Head & Neck Surgery held its 31st Annual Percy Ireland Academic Day at the Chestnut Conference Centre on Saturday April 29, 2023.



Dr. KJ. Lee (Associate Clinical Professor, Yale University) delivered *The Percy Ireland Oration on Friday April 28, 2023* titled: We Are in a Stupendous Specialty and Career-Sharing Positive Thoughts



Dr. Ian J. Witterick was our Guest of Honour (Professor, Department of Otolaryngology-Head & Neck Surgery, Temerty Faculty of Medicine, University of Toronto)

BEST PAPER IN EACH OF FIVE CATEGORIES

Recognition is given to one presenter in each category:



Category 1 - Work undertaken by graduate degree students:

Awarded to **Matsya Thulasiram** for her project: "Investigating the Proliferative Capacity of the Young and Adult Stria Vascularis Using in Vitro Whole-Tissue Organotypic Explants". Mentor: Dr. Alain Dabdoub



Category 2 - Work undertaken by PGY2 residents during clinical rotation:

Awarded to **Dr. Mandolin Bartling** for her project: "Deep Learning-Enabled Fluorescence Imaging for Surgical Guidance: Tumour Depth Modelling with Patient Imaging". Mentor: Dr. Jonathan Irish, Michael Daly



Category 3 - Work undertaken by PGY3 residents during clinical rotation:

Awarded to **Dr. Justine Philteos** for her project: "Telemedicine Enabled Biofeedback Electropalatography Rehabilitation (TEBER): A Pilot Study for Patients Treated with Surgery for Oral Cavity Carcinoma". Mentors: Drs. John de Almeida, Dale Brown, Douglas Chepeha, Ralph Gilbert, David Goldstein, Patrick Gullane, Jonathan Irish, Eric Monteiro, Christopher Yao



Category 4 - Work undertaken by PGY4 residents during clinical rotation:

Awarded to **Dr. Christopher Noel** for his project: "Association of Household Income at Diagnosis with Financial Toxicity, Health Utility, and Survival in Patients with HNC". Mentor: Dr. John de Almeida



Category 5 – Work undertaken by post-residency research/clinical fellows and postdoctoral fellows during clinical rotation:

Awarded to **Dr. Vivek Sharma** for his project: "Neurophysiological Evidence for Aberrant Auditory Processing for Language in Autism Spectrum Disorder". Mentor: Dr. Karen Gordon



Departmental Committee Reports



Executive Committee

Dr. Danny Enepekides (Chair)

Members: Yvonne Chan, Janet Chung, Alain Dabdoub, Antoine Eskander, Andres Gantous, Ralph Gilbert, Karen Gordon, Patrick Gullane, Kevin Higgins, Bradley Hubbard, Jonathan Irish, Adrian James, John Lee, Ambrose Lee, Vincent Lin, R. Jun Lin, Eric Monteiro, Modupe Oyewumi, Vicky Papaioannou, Blake Papsin, Praby Singh, Ian Witterick

The departmental executive committee is the senior advisory body to the chair. The committee includes hospital chiefs, the directors of undergraduate and postgraduate medical education, continuing professional development, education, and research vice chairs, chairs of committees (UME, RPC, CPD, Appointments, Advancement, Community Academic Faculty, Research, Promotions, Quality & Safety, and Equity, Diversity & Inclusion), and the heads of our divisions. This year the department expanded the divisional model and established new divisions of otology/neurotology, laryngology, and general otolaryngology. I would like to congratulate our new Chiefs Drs. Adrian James (Division of Otology/Neurotology), R. Jun Lin (Division of Laryngology), and Janet Chung (Division of General Otolaryngology). The executive committee receives reports from all standing committees monthly and distributes the minutes of meetings to all 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 exceptional members of this committee.



Undergraduate Medical Education Committee

Dr. Ambrose Lee (Chair)

Members: Jason Atlas, Dale Brown, Paolo Campisi, Sharon Cushing, Vinay Fernandes, Aman Grewal, Kevin Higgins, Brad Hubbard, John Lee, Bosco Lui, Raewyn Seaberg, Manish Shah, Jack Shahin; Clerkship Student Representative: Justin Shapiro

Dr. Lee assumed the role of UME director on April 1, 2023.

Tasks

- Plan for the Core Lectures for Med IIs
- Redesign the ME exam for Med IIIs with the Director of Assessment
- Ensure that the Department is well represented in the examiner pool for the OSCE in February 2024
- Work with the MD Clerkship to refine the curriculum

Highlights

- Survived COVID.
- No major complaints from Head of Otolaryngology at MacKenzie Health

Goals for the coming year

- Ensure that the new ME exam questions are well validated and ready for administration



Residency Program Committee

Dr. Vincent Lin (Chair)

The department celebrated the graduation of our PGY residents and fellows on a fabulous event on June 15, 2023 at the Hart House. It was well attended, and we congratulated our graduating trainees and celebrated with family and friends. We also welcomed our new incoming PGY1s in July 2023, Drs. Ryan Daniel (UofT), Carlos Khalil (UofT), Melissa Lee (UBC), Dorsa Mavedatnia (UofOttawa) and Jessica Trac (UofT). The department hosted welcome events for both the residents and fellows at the homes of Drs. Lin and Enepekides.

Our residents and fellows continue to bring great pride to our department by their contributions to both national and international societies. Dr. Tanya Chen won a prize at the 2023 Poliquin Resident Research competition held in Toronto. Multiple residents also volunteered their time to join faculty on their humanitarian trips. Drs. Amr Hamour, Tanya Chen, Elysia Grose and Brian Shin joined Drs. Eric Monteiro and Lin on their semi-annual trips to Sioux Lookout Ontario. Drs. Garret Horton, Ed Sykes and Grace Yi joined Drs. Everton Gooden, Higgins and Lin on their mission trip to Migori, Kenya in September 2023.

We continue to also try and improve resident wellness by having mentorship events with our faculty who generously donate their time towards this endeavor. We also have had some resident fun events such as Bubble Tea night and the Halloween Hunger games that was just recently held and we're happy to report no major injuries were sustained.

We also want to thank our faculty members for their dedication to teaching and the well-being of all of our trainees. It is a privilege to be able to be a part of their development into full fledged future colleagues.

We also want to recognize our amazing departmental admin, Andrea Donovan and her maternity leave replacement, Olivia Beasley who makes our jobs so much enjoyable!

Our department is extremely proud of our residents and fellows who continue to inspire and teach us by their hard work and dedication to our specialty and patients. We look forward to another enriching and fulfilling academic year.

Highlights

- Mentorship program
- Humanitarian outreach
- Wellness events
- Support for National Study Course
- Academic half day
- Exam study course
- Journal club
- Conferences



Continuing Professional Development Committee

Dr. Yvonne Chan (Director)

The CPD content is delivered through weekly Grand Rounds, visiting professors, named lectureships, interactive as well as hands-on skills courses both in person and virtually. Course contents are developed through annual needs assessment and consultation with our residents, fellows, as well as community and academic physicians.


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 *Bulhoes Lecture*, the *David Tomlinson Lecture*, the *Elia Lecture*, the *Grimm Lecture*, the *Gullane/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 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. 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 Ivy Chang, our Events Coordinator for her support of our CPD portfolio.

Courses Organized

DATE(S)	COURSE TITLE (ORGANIZERS)	GUEST FACULTY/INVITED SPEAKERS
February 4, 2023	Otolaryngology Update 2023 (Drs. Yvonne Chan, Janet Chung, Danny Enepekides, R. Jun Lin, Vincent Lin, Dongho Shin, Praby Singh, Nikolaus Wolter)	Dr. David M. Cognetti, Thomas Jefferson University Dr. Rebecca Colman Sinai Health System Marta Deluca Unity Health Toronto Dr. Priya Krishna Loma Linda University Health System Dr. Daniel J. Lee University of Pennsylvania Dr. Andrew Thamboo St. Paul's Sinus Centre Dr. Patrick Scheffler Phoenix Children's Hospital

Invited Professors/Invited Guests

	TITLE OF PRESENTATION
 <p> June 23, 2023 Brian W. Rotenberg, MD, MPH, FRCSC, CCPE Professor and Residency Program Director Dept of Otolaryngology - Head & Neck Surgery Schulich School of Medicine and Dentistry Western University Chair, Medical Advisory Committee, St. Joseph's Health Care co-Editor, Journal of Otolaryngology - Head and Neck Surgery </p>	Endoscopic Surgery of the Eustachian Tube: A Handshake between Rhinology and Otology



May 26, 2023

**JOSEPH K.H. WONG/SMILE CHINA
LECTURE**

Travis T. Tollefson, MD, MPH, FACS

Professor and Director, Facial Plastic &
Reconstructive Surgery

Co-Director, UC Davis Cleft and
Craniofacial Team

Director, Fellowship in Facial Plastic
Surgery and Reconstructive Surgery
Department of Otolaryngology-Head &
Neck Surgery, University of California,
Davis Health

Surgeons Volunteering: Reshaping the
Conversation of Giving



May 19, 2023

KRISTA RIKO LECTURE

Jeffrey R. Holt, PhD

Professor of Otolaryngology & Neurology

Director of Research, Otolaryngology

F.M. Kirby Neurobiology Center

Boston Children's Hospital

Harvard Medical School

Harvard-MIT Health Sciences & Technology
Faculty

Function, Dysfunction and Restoration of
Sensory Transduction Channels in the Inner Ear



May 12, 2023

**Sat Parmar, BChD, BMBS, BMedSci,
FDSRCS, FRCS, FRCS (OMFS)**

Consultant Oral and Maxillofacial / Head
and Neck / Reconstructive Surgeon

University Hospital Birmingham

United Kingdom

3 Dimensional Bony Reconstruction and the
DCIA



May 5, 2023

Michael Gupta, MD, MSc, FRCSC

Associate Professor

Department of Otolaryngology-Head &
Neck Surgery

McMaster University

Cannabis in Head and Neck Cancer



March 31, 2023

Jane Lea, MD, FRCSC

Clinical Professor, Division of
Otolaryngology-Head & Neck Surgery
University of British Columbia
Director, BC Rotary Hearing & Balance
Centre,
St. Paul's Hospital, Providence Health Care
Fellowship Director, UBC Otology &
Neurotology

Surgical Coaching: Peer to Peer Coaching for
Practicing Staff



March 24, 2023

Tori Murden McClure, M.Div, J.D, M.F.A.

President
Spalding University
Louisville, Kentucky

Choosing Between Balloons and Bear Spray



March 3, 2023

**Moderator: Yvonne Chan, MD, FRCSC,
MSc, HBSc**

Sunit Das, MD, PhD

Associate Professor, Division of
Neurosurgery, University of Toronto
&

Case-Based Discussion: Cultural Complications



Radha P. Kohly, MD, PhD, FRCSC

Assistant Professor, Dept of
Ophthalmology and Vision Sciences,
University of Toronto
Sunnybrook Health Sciences Centre
Vice Chair of Faculty Development, Equity,
Diversity & Inclusion and Global Health
&



Laura Snell, MD, MS, FRCSC

Assistant Professor, Department of
Surgery, University of Toronto
Co-Director, Equity, Diversity, and Inclusion,
Dept of Surgery, University of Toronto
Plastic and Reconstructive Surgeon
Sunnybrook Health Sciences Centre



February 24, 2023

Arno K. Kumagai, MD

Professor and Vice Chair for Education
Department of Medicine
FM Hill Chair in Humanism Education
Women's College Hospital
University of Toronto

What's Beyond Competencies? Teaching for Humanism in Medical Education



February 10, 2023

Nir Lipsman, MD, PhD, FRCSC

Neurosurgeon, Sunnybrook Health Sciences Centre
Associate Professor, Department of Surgery, University of Toronto
Scientist, Sunnybrook Research Institute
Member, Institute of Medical Science
Director, Harquail Centre for Neuromodulation
Director, Neurosurgery Residency Program

Breaking Barriers with Sound: The Past and Future of Focused Ultrasound in Neurosurgery



February 3, 2023

Patrick Scheffler, MD, CM, FRCSC

Staff Physician
Department of Otolaryngology
Phoenix Children's Hospital

Multidisciplinary Approach to Pediatric Feeding Disorders: Current Controversies and Future Directions



January 20, 2023

Patrick C. Walz, MD, FACS, FAAP

Associate Professor, Pediatric Otolaryngology-Head and Neck Surgery
Director, Pediatric Otolaryngology Outreach and Expansion
Otolaryngology Director, Pediatric Anterior Skull Base Surgery
Nationwide Children's Hospital
The Ohio State University College of Medicine
Department of Otolaryngology-Head and Neck Surgery
Wexner Medical Center at the Ohio State University

Pediatric Anterior Cranial Base Pathology: Building Partnerships to Optimize Patient Care



January 13, 2023

Reena Pattani, MDCM, MPH, FRCPC

Staff Physician, Division of General Internal Medicine

Department of Medicine, St. Michael's Hospital

Assistant Professor, Department of Medicine, University of Toronto

Director of Learner Experience, Temerty Faculty of Medicine, University of Toronto

Learner Mistreatment in Medicine



January 6, 2023

Matthew Crowson, MD, MPA, MASc, FRCSC

Attending Surgeon, Neurotology & Otology
Massachusetts Eye & Ear, Massachusetts General Hospital

Assistant Professor, Investigator
Department of Otolaryngology-Head & Neck Surgery
Harvard Medical School

Computer Vision for Irritable Toddlers:
Improving Diagnostic Accuracy for Ear Infections



November 25, 2022

Fei-Fei Liu, MD, FRCPC, FASTRO

Chief, Radiation Medicine Program,
Princess Margaret Cancer Centre
Head, Department of Radiation Oncology,
Princess Margaret Cancer Centre
Scientific Director, Canadian Institute for Health Research (CIHR) Institute of Cancer Research

Senior Scientist, Princess Margaret Cancer Research Institute

What Have I Learned in my First 90-Days in this New Job at CIHR?



November 18, 2022

Moderator: Yvonne Chan, MD, FRCSC, MSc, HBS

Martin Desrosiers, MD, FRCSC
Clinical Professor
Otolaryngology-Head & Neck Surgery
Université de Montréal
&

Upper Airway AIRTIME: East Meets West, An
Interactive Exchange on CRSwNP Topics



Arif Janjua, MD, FRCSC

Clinical Associate Professor
Rhinology, Endoscopic Sinus & Skull Base
Surgery
Division of Otolaryngology - Head & Neck
Surgery
University of British Columbia



November 4, 2022

Boban M. Erovic MD, PD, MBA

Chief Surgeon
Institute of Head and Neck Cancer,
Evangelical Hospital
Associate Professor, Department of
Otolaryngology, Head and Neck Surgery
Medical University of Vienna

Serratus Anterior Free Flap



October 14, 2022

Laura Snell, MD, MS, FRCSC

Assistant Professor, Dept of Surgery,
University of Toronto
Co-Director, Equity, Diversity, and Inclusion,
Dept of Surgery, University of Toronto
Plastic and Reconstructive Surgeon,
Sunnybrook Health Sciences Centre

The Integration of the Principles of Equity,
Diversity, and Inclusion (EDI) into Surgical
Practice and Training: Where Do We Start?



October 7, 2022

Ramandip Grewal, PhD

Scientist at Public Health Ontario
PhD in Public Health and Epidemiology
Dalla Lana School of Public Health,
University of Toronto

HPV Vaccination in Canada: Focus on Ontario



Research Committee

Dr. Alain Dabdoub (Chair)

Members: John de Almeida, Michael Daly, Joel Davies, Andrew Dimitrijevic, Antoine Eskander, Karen Gordon, John Lee, R. Jun Lin, Nikolaus Wolter, Tanya Chen (resident)

Our discovery, clinical, and translation research is 'leading innovation and achieving impact' across otolaryngology – head & neck surgery. We rely on our diverse trainees, including residents, clinical fellows, graduate students, postdoctoral fellows and research staff, to conduct and advance research on issues relevant to human disease. Our success is evident throughout this report in number and quality of our publications, national and international scientific presentations, collaborations across the city and the world, and an ever-increasing level of success in funding.



Department Appointments Committee

Dr. Kevin Higgins (Chair)

Members: Yvonne Chan, Janet Chung, Alain Dabdoub, Danny Enepekides (ex-officio), Ralph Gilbert, Vicky Papaioannou, Blake Papsin, Ian Witterick

Committee activities for the past academic year:

- Approved to cross-appoint Dr. Scott Bratman to OHNS
- Reviewed the full-time hiring requirements and guidelines
- Reviewed the HSC job posting for a full-time academic pediatric otolaryngologist
- Reviewed the dossiers of Kaitlyn Harvey and Mostafa Eldaebes; both were approved for appointment at the rank of lecturer
- Conducted mid-term probationary reviews at 18 months for Drs. Neil Bailie and Joel Davies
- Reviewed the dossier of Dana Song and her appointment at the rank of lecturer was approved
- Dr. Higgins presented an overview of Dr. Siu's Memorandum of Agreement
- Dr. Chung provided an update on the recruitment process for Amr Hamour (Assistant Professor), Vincent Wu (Lecturer), and Weining Yang (Lecturer) for endocrine surgery, general practice otolaryngology and enhanced community academic partnerships overall.
- Initiated discussion to hire an otologist for the 2024 summer fiscal year with candidate evaluations occurring between December and January.
- Stakeholder collaborations were discussed relative to the new Division of Otolaryngology engagement with the possibility of cross-appointment with Western Toronto General Otolaryngology-Neuro-otology position.



Department Promotions Committee

Dr. Karen Gordon (Chair)

Members: Yvonne Chan, Joseph Chen, Alain Dabdoub, Danny Enepekides [ex-officio], Ralph Gilbert, Vicky Papaioannou, Blake Papsin, John Rutka, Ian Witterick

The 2022-23 cycle was a busy one for the Departmental Promotions Committee. Five candidates were selected to apply for senior promotion and all applicants were promoted by the University of Toronto. The five candidates were all surgeons who were going forward to Associate Professor (n=3) or Full Professor (n=2) based on excellence in Creative Professional Activities (CPA) and competence in Education and Teaching. Strong applications were submitted to the University Decanal Promotions Committee using a new CPA dossier template and detailed pre-submission review by the departmental committee.

An information night was held on March 29, 2022 to provide faculty with an update and information on the processes for junior and senior promotion. It was held virtually (via zoom) and well attended.

Looking ahead to the next cycle, two surgeons have prepared their promotion dossiers and supporting letters are being requested.

Highlights

Accomplishments and strengths:

- Successful application process for senior promotion
- No requests from the Decanal Committee for Chair presentation of any candidate

Challenges:

- Compressed timeline to get applications in by January 2023 to the Decanal Committee
- Difficulties getting external letters for almost all candidates and significant challenges in some cases.

Goals for the coming year

- Expanded schedule for Departmental Promotions Committee
- Earlier initiation of request for dossiers and other application documents from candidates
- Earlier deadline for submission of dossiers and other application documents from candidates
- Earlier requests for external and other letters
- Encouragement for faculty to consider career trajectories and leadership in context with junior and senior promotion. Specific focus could be on new faculty and audiology
- Consider recruitment of new members to the departmental committee for upcoming cycles as several present members are nearing retirement.



Budget Advisory Committee

Dr. Danny Enepekides (Chair)

Members: Yvonne Chan, Alain Dabdoub, Ralph Gilbert, Blake Papsin, Ian Witterick

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 fundraising dinners, CPD revenues and we have been frugal with our budget expenditures. I want to thank all members of the Budget Advisory Committee for their help and advice.



Community Academic Faculty

Dr. Janet Chung (Lead)

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. PGY4/5 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 21st Annual Otolaryngology Update in February 2023 held in person, the first since the COVID-19 pandemic. It was extremely well attended and highly rated by otolaryngologists across Ontario. A Community Academic faculty WhatsApp group along with many industry-sponsored dinners have brought our committee together and has created a channel for information sharing.

The *Distinguished Alumnus Award* this year was awarded to Dr. Vincent Lin.

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

Highlights

- CAF WhatsApp group formation
- Multiple industry sponsored Journal Clubs

Goals for the coming year

- Participate in Grand Rounds
- Continue contribution to medical education (UME, PGME)
- Support Scarborough Academy UME expansion



Quality and Safety Committee

Dr. Praby Singh (Chair)

Members: Jennifer Anderson, Yvonne Chan, Danny Enepekides (ex-officio), Vinay Fernandes, Jonathan Irish, Adrian James, Vincent Lin, Eric Monteiro, Manish Shah, Praby Singh, Ian Witterick.

The Quality and Safety Committee (QSC) had a successful 2022-2023 Academic year, including a new organization and structure of the committee.

The focus of the committee is now to help support divisions of OTO-HNS as they continue to improve patient outcomes and experience, while helping the PGY-1 on their quality journey in the Surgical Foundations course from the Department of Surgery.

We had a successful academic year with excellent rounds provided by Dr. Jane Lea from the University of British Columbia on surgical coaching. This was followed up by our PGY-1's winning the best quality improvement project for their work on decreasing waste in the pediatric clinic at the Hospital for Sick Children.

The terms of reference for the committee have been updated and we look forward to supporting our divisions as they work on continuous improvement.

Highlights

- Rounds on Surgical Coaching – Dr. Jane Lea
- Best QI Project – PGY-1 QI Curriculum – Surgical Foundation Course
- Best QI Mentor – Dr. Vinay Fernandes

Goals for the coming year

- Develop QI plans for each division for the 2023-2024 Academic year
- Support PGY-1s with QI Project in Surgical Foundations
- QI Focused rounds in March 2023



Equity, Diversity and Inclusion

Dr. Modupe (Dupe) Oyewumi (Chair)

Dr. Yvonne Chan (Faculty lead), Dr. Adam Kwinter (Learner lead)

Members: Janet Chung, Sharon Cushing, Joel Davies, Karmin Nazarali, Xerxes Punthakee, Tulika Shinghal.
Residents representatives: Renee Bailey, Mandolin Bartling, Tanya Chen, Elysia Grose.

Our department's EDI committee was officially established in April 2023.

Yvonne Chan, Adam Kwinter, and I are excited about the diverse faculty, residents, and medical students who have chosen to join our committee.

We are excited to focus on implementing our goals (see below) to help strengthen and diversify our department, provide more support for our minority members, and encourage a more healthy work/life balance for the entire department.

Highlights

- Confirmed our committee members made up of academic staff, community staff, OTOHNS residents, and medical students
- Had our first committee in May 2023
- Created a list of goals/priorities for the 2023-2024 academic year
- Created subgroups to help accomplish our priorities based on committee member interests

Goals for the coming year

- Increase access and mentorship opportunities for diverse students from pre-medical school stage (ie. high school)
- Provide faculty with more practical guidelines and teaching tools for training diverse learners
- Continue to use and improve EDI best practice guidelines during search and promotion committees
- Improve the current faculty - resident relationship + continue to prioritize resident wellness
- Establish the current diversity strengths within our department + establish a method to track progress over time

Departmental Division Reports



Division of Audiology

Ms. Vicky Papaioannou (Head)

The Audiology Division is composed 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. PGY1 Residents were welcomed with an introduction to the audiogram done by audiologist and division member Maria Simone at Dr. Lin's home as part of their orientation to the Department. The core lecture series for the otolaryngology residents took place in late September and into early October. PGY2 Teaching was done by audiologists from the University Health Network, while PGY3s were with audiologists from SickKids and PGY4s with the Sunnybrook audiologists.

Kids2Hear, a primary preventative health initiative whereby medical students from the University of Toronto provide hearing and otoscopy screening returned this year after 3 years with no screenings due to the pandemic! Although contractual issues prevented medical students from carrying out screenings in schools, the students improvised and carried out screenings in clinics in a variety of locations in the spring and were accompanied by audiologists and fellows from the Hospital for Sick Children.

The Krista Riko lecture occurred in person this year and Krista herself attended once again. Jeff Holt, Professor in the Department of Otolaryngology-Head and Neck Surgery at Harvard Medical School discussed the molecular components of the sensory transduction apparatus in auditory and vestibular hair cells and genetic deficits that lead to hearing and balance dysfunction. He also reviewed current gene therapy strategies being developed for restoration of hearing and balance. Long-time division member Julija Adamonis from Sunnybrook retired this year and will be sorely missed by the entire division and the department.

Highlights

- Audiologists working on University appointments
- Promotion process may make it more difficult in future for non-MD appointments and promotions

Goals for the coming year

- Assist Division members with promotion
- School-based hearing screenings through Kids2Hear



Division of Facial Plastic and Reconstructive Surgery

Dr. Andres Gantous (Head)

I am pleased to present the annual report on the activities of the Division of Facial Plastic and Reconstructive Surgery for the 2022–2023 academic year.

Our division is comprised of the following individuals: Dr. Peter A. Adamson (retired from clinical practice, Dr. Adamson is still very much involved in teaching), Dr. Ralph Gilbert, Dr. Danny Enepekides, Dr. David Goldstein are full professors. Dr. Kryzstof Conrad (retired), Dr. Andres Gantous, and Dr. Kevin Higgins are associate professors. 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. Enepekides, our chairman and Dr. Lin, our program director has been invaluable.

POSTGRADUATE MEDICAL EDUCATION TEACHING

Workshops

The Soft Tissue Dissection course was held on November 2022. The course was co-directed by Drs. Brandt and Alexander. This is always very popular the residents and offers invaluable teaching opportunities.

The Injectables course was directed and hosted by Dr. Asaria in February 2023, with Drs. Alexander and Gantous in attendance. It was a fun and instructive evening.

The Rhinoplasty Dissection course took place in April 2023 and was a success. This was directed by Dr. Gantous, and we had Drs. Smith, Rival and Solomon present and helping with the teaching and demonstrations.

Fellowships

Currently the division recognizes four fellowship programs in FPRS. Drs. Asaria and Smith both have an AAFPRS fellow. Drs. Solomon and Rival, and Dr. Gantous have one University of Toronto accredited clinical fellow. Drs. Rival and Solomon have been approved for a second fellow for 2023. Dr. Gantous' fellowship is currently being accredited by the International Board of Facial Plastic and Reconstructive Surgery.

PGY4-5 rotations

With the cooperation of the members of our division we were able to host the 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 otolaryngology-head and neck surgery programs.

Out of Specialty PGME teaching

Dr. Gantous 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. Dr. Brace was an invited speaker at several national meetings this past year. Dr. Asaria gave nine presentations as Invited/Faculty at national and international meetings. Dr. Gantous gave 18 presentations as Teacher of Honour, Invited Faculty at several national and international meetings. Dr. Adamson was a Guest of Honour and made an Honorary Fellow of the Spanish Society of Facial Plastic Surgery this past November 2022.

Association Activities

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. Adamson continues as Past President of the AAFPRS. Dr. Gantous is the Canadian Region Credential Committee representative, AAFPRS. Dr. Gantous was nominated as President-Elect of the 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 serves as Secretary, International Board of Facial Plastic and Reconstructive Surgery Societies (IFFPSS). 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. Dr. Asaria is a member of the Nominating Committee of the AAFPRS. Dr. Gantous is finishing his term as the Canadian/International Delegate for the Credentials Committee of the AAFPRS. Dr. Adamson is Global Ambassador for the AAFPRS.

Many members of the division are peer reviewers for several 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 and FPSAM.

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.

HUMANITARIAN WORK

Engagement in humanitarian work has remained a strong focus of our division and something that we are extremely proud of. Dr. Adamson led a pilot mission to Maputo, Mozambique in December 2022. He was then the Chef de Mission for missions to Nepal (January 2023), Rwanda (February 2023), Ukraine (March 2023) and Ethiopia (May 2023). Dr. Gantous was the Mission Director for an all-Canadian team to Kigali, Rwanda in February 2023.

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

Dr. Jonathan Irish (Head)

The three head and neck centres under the University of Toronto umbrella are academically productive, are leaders in research initiatives, and provide a fellowship education program that continues to position the division as the pre-eminent program in Canada and one of the most recognized programs internationally.

This year was no exception as University of Toronto faculty were well represented as panellists, moderators, invited speakers or as plenary speakers at the 11th International Conference on Head and Neck Cancer (Montreal), the 7th World Congress of the International Federation of Head and Neck Oncologic Societies (Rome, Italy), the World Congress on Thyroid Cancer (London, UK) and the 6th Annual Meeting of the Confederation of Otorhinolaryngology – Head & Neck Surgery (Milan, Italy).

Research

Dr. John de Almeida is the Director of Research for the Division. The Division is organized into the following research programs: 1) Outcomes Research (lead-David Goldstein) 2) Clinical Trials (leads-John de Almeida) 3) Health Services Research (lead-Tony Eskander) 4) Quality and Safety (lead-Eric Monteiro) and 5) Guided Therapeutics (lead-Jonathan Irish). The 4 main Division projects that have initially been targeted for divisional research collaboration are:

- Predictors of functional outcome (lead: Kevin Higgins)
- Optimization of early recovery after surgery (leads: John de Almeida & David Goldstein)
- Assessment and standardization of margins after oral cancer resection (lead: Kevin Higgins)

Education

In addition to leadership in international conferences already mentioned, the Division faculty have had significant local impact. Dr. Joel Davies has redeveloped the core curriculum in the anatomy course for otolaryngology residents; Dr. Danny Enepekides received the 2022 Resident Advocate Award.

The division directs the American Head and Neck Society Advanced Training Fellowship and this year has undergone re-accreditation with the Advanced Training Council review and by the Canadian Association of Head and Neck Surgery. The fellows who graduated from our fellowship program this year are Abdulrahman Alenazi, Michael Hajek, Shyanne Lajud Guerrero, Mohammed Mamdani, and Sharon Tzelnick – all of whom will have a significant impact on head and neck cancer care. We wish them the very best!

Leadership Highlights

Many of our division faculty have significant leadership roles locally, provincially, nationally and internationally which are outlined in other sections of the departmental Annual Report and in this section we will report new positions only. Tony Eskander was appointed Chief of Otolaryngology, Department of Otolaryngology – Head & Neck Surgery at the Michael Garron Hospital. David Goldstein was a member of the Program Planning Committee of the 11th International Conference on Head and Neck Cancer held in Montreal this year. Jon Irish was appointed Chair of the Ontario Health (OH) Clinical Council for the which he oversees OH's Clinical and Quality Programs in the province. Jon was also appointed as Senior Scientist in the Princess Margaret Cancer Research Institute, recognizing his decades of surgeon-scientist leadership with the Guided Therapeutics Program. Finally, Danny Enepekides and Kevin Higgins continue to be surgical team members for the Canada Ukraine Surgical Aid Program travelling to Poland twice a year as part of their surgical mission.

Goals for the coming year:

- Continue to strengthen oversight of the fellowship training program with transition of leadership and strengthening of the Fellowship Steering Committee including representing research



Division of Rhinology

Dr. John Lee (Head)

2022-23 marked another productive and busy year for the Division of Rhinology. For the first time since the pandemic, our fall division meeting was held in-person over dinner on November 17, 2022. It was great to see everyone together again and renew our commitment to the academic and educational goals of our department. This past year, there were many academic and leadership achievements from our gifted faculty. I am happy to share some of the highlights below.

Education Activities

Once again, the major educational event for this past year was our highly anticipated Resident Sinus Surgery course which was held on Saturday April 15, 2023. Over the past couple of years, we had altered our sinus course schedule to accommodate social distancing restrictions related to the pandemic. Using the feedback from our trainees, we came to realize that they preferred the individual one-one-one teaching at each sinus dissection station. Thus, our course now runs both a morning and afternoon program for two separate groups of residents so that all trainees have an opportunity to refine their endoscopic sinus surgery skills. I am deeply indebted to our rhinology faculty who sacrificed their personal time to help with the teaching. A special thank you to Drs. Banglawala, Chan, Dalgorf, Fox, Gevorgyan, Lee, Monteiro, Vescan, and Wolter for your continued commitment to resident education. The evaluations from this course were exceptional and again highlights how valuable this teaching experience is for our residents.

Separate from our departmental resident sinus surgery course, Dr. Vescan also helped organize the Stryker Mobile Lab in Sinus and Skull Base Surgery held in conjunction with the Division of Neurosurgery. Trainees in both specialties had the opportunity to practice their skills in this unique and technically advanced mobile dissection lab.

Academic Activities

This was another busy and successful academic year for many of our division members. At the Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting that was in October 2022 in Vancouver, BC, Dr. Chan co-supervised one trainee oral presentation while Dr. Lee supervised 4 trainee oral presentations during the rhinology section. At the American Rhinology Society Spring Meeting at COSM that was held in Boston, MA in May 2023, Dr. Chan co-supervised one trainee oral presentation and Dr. Lee supervised two trainee oral presentations and one poster presentation. For our departmental resident research day (i.e. Percy Ireland Day) that was held on April 29, 2023, there were two scientific presentations that were supervised by two of our division members (Drs. Chan, Lee).

From a leadership and teaching perspective, Dr. Chan has once again been busy delivering numerous lectures at various courses both nationally and internationally. She was an invited speaker and moderator at the Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting, the International Federation of ORL Societies (IFOS) meeting, the Annual Meeting of the Middle East Academy of Otolaryngology, as well as the International Society of Inflammation and Allergy of the Nose (ISIAN). Similarly, Dr. Witterick was busy delivering several rhinology and skull base lectures as an invited speaker at the North American Skull Base Society Annual Meeting, the International Federation of Head and Neck Oncologic Societies Meeting, and the Annual Meeting of the Confederation of Otorhinolaryngology-Head & Neck Surgery Meeting. Meanwhile, Dr. Lee was an invited faculty and speaker at the Penn International Rhinology and Skull Base Surgery Course as well as being the Visiting Professor at the University of Manitoba Department of Otolaryngology-Head & Neck Surgery Resident Research Day. With his expertise in pediatric rhinology, Dr. Wolter was also an invited speaker at the International Federation of ORL Societies (IFOS) meeting.

Finally, from an academic output perspective, this past year marked an incredibly productive period for many of our division members. In total, our faculty were either co-authors or senior authors on a total of 23 rhinology manuscript publications (Chan 3, Lee 9, Monteiro 2, Witterick 3, Wolter 3, Vescan 3). Clearly, our faculty from both our fully academic and community-based sites continues to deliver an exceptional level of commitment to the academic mission of our department.

Hospital Reports



Hospital for Sick Children

Dr. Blake Papsin **(Otolaryngologist-in-Chief)**

Having emerged from the pandemic, life is slowly returning to normal at our hospital. Of course, we still have an unmanageable waiting list of children for whom care cannot be carried out except at The Hospital for Sick Children. Internally, the hospital executive has strategized along with the government, to find a way to get these children through the operating rooms either here or at some of our partnering institutions. At the time of this correspondence, we are still not being allocated resource at the same level as pre-pandemic. We expect to reach, and possibly even exceed, this level of resource allocation in the next few months with the addition of weekend lists and full operation of all operating theatres at our institution.

This unpredictable environment has taken a considerable toll on both our surgical and administrative teams, and we have worked very hard to maintain morale and efficiency during these times. I believe we've been very successful at both things. We have moved towards incorporation of virtual care into our regular schedules and have accommodated many members of our administrative team as they work from home and continue to do so quite effectively. As I did last year, I want to praise and thank our entire hospital department for their dedication and resiliency.

Our campus redevelopment, named Project Horizon, is progressing well. The Patient Support Centre is completed, and many services are planning to move personnel into this facility imminently. The interim state will see most physicians and administrative staff re-locate to this building as two wings of the existing hospital are demolished. Otolaryngology-HNS and Communication Disorders will remain in our current location as will our in-patient ward. We feel very fortunate not to have to re-locate at this point yet will undoubtedly be affected by disruption as the whole organization re-imagines our campus for use over the next half century.

Our research team is also adapting to the post-pandemic normal. Dr. Karen Gordon has overcome logistical obstacles to recruit students and maintain productivity in the laboratory. In addition she continues to support the research projects of our fellows and resident staff. Our research team has been active in presenting at both in-person and virtual meetings. Melissa Hazen, one of our current PhD candidates, continues the clinician/scientist track with a focus on vestibular science.

Enough cannot be said about our administrative support and this area will be our greatest challenge in the future. After decades of work at the hospital and several years as the departmental administrator of Otolaryngology-HNS, Vicky Papaioannou, is moving on to another career opportunity within the Peel District School Board. Her departure requires that we consider and make several adjustments in the way we administer our department. We are delighted that Valerie Simard, currently one of our audiology team

members, has accepted the position and will replace Vicky. She will inherit a portfolio which has been augmented with one new clinical administrative position and is currently functioning at one of the highest rates of efficiency in our institution's surgical portfolio.

The consultant staff have continued to execute their academic and clinical activities admirably using remote and in-person presentations to contribute to academic meetings and professional societies. As you will have heard by now, Drs. Sharon Cushing and Evan Propst were promoted to full professor and Nikolaus Wolter was promoted to associate professor. Dr. Adrian James was named the Division Head Otology/Neurotology. We have trained 18 residents and 3 fellows over the past year and successfully matched fellows for our upcoming year virtually. Our graduating fellows have gone on to begin their academic careers in Pediatric Otolaryngology-HNS in Kuwait, Oman and Israel demonstrating how at our core, caring for children unites us all.

We are very excited to welcome Dr. Jennifer Siu who has returned from her fellowship in Seattle and joined our faculty as a full-time consultant. Her expertise in aero-digestive disease and her track record of carrying out innovative research makes us all very excited to have her join our faculty as a clinician and teacher. We are very confident that our trainees, University, along with the children of Ontario, will benefit greatly from her recruitment.

Two new and transformational changes have occurred within our department this past year. First, our request to hire a nurse practitioner was granted and we successfully recruited Megan Tepsich who joined our team in September 2022. She has focused on centralizing and optimizing care of the patients with tracheotomy who had been previously managed in an idiosyncratic way by a variety of services and consultants. The care model she now directs, is focused and efficient and has contributed to improved care, training and research within our department. Second, with the help of a donor, we have designed a role called a "hearing and healthcare coordinator" and recruited Olga Vayner to fill it. This role is designed to help families, entitled to benefits related to hearing and healthcare assistance, obtain them. Although it sounds simple, navigating the reams of paperwork, linguistic and cultural barriers to get the assistance one is entitled too is not. She has made a tremendous difference to a number of families already.

The Department of Otolaryngology-HNS at SickKids remains healthy and increasingly able to efficiently deliver high quality pediatric otolaryngology care to Ontario's children in addition to fulfilling the academic mission of our University Department. We are well positioned for another successful year.



Michael Garron Hospital

Dr. Brad Hubbard (Interim Otolaryngologist-in-Chief)

Hospital/Patient Programs

Our department continues to provide both inpatient and outpatient surgical services spanning the subspecialties of pediatric, otologic, sinonasal, facial plastic, and head and neck endocrine surgery. Despite the challenges of the recent pandemic and ongoing human resource issues at the hospital we have been successful in maintaining nearly 5000 hospital clinic encounters together with approximately 400 visits to the Thyroid Diagnostic Clinic. We were able to perform over 1000 surgical procedures including over 200 thyroid cases.

We have moved into our new space in the Ken and Marilyn Thomson Patient Care Centre for our outpatient clinics. This new state-of-the art facility has provided us additional clinic space and minor-procedure resources.

EDUCATION

Undergraduate Medical Education

Our department continues to have a key role in undergraduate medical education within the university department. Our department also continues to host clerks for their clinical rotations throughout the year, and the transition to residency course.

Postgraduate Medical Education

We remain consistently one of the top-rated rotations by residents, with excellent rotation effectiveness scores. Residents continue to have high surgical volumes as primary surgeons in pediatric, sinus, otologic, endocrine and facial plastic procedures. We also have a number of family medicine residents who rotate through our department clinics each year.

Fellowship and Continuing Medical Education

Our department continues to remain actively involved in continuing medical education with our hospital's Department of Family Medicine's continuing professional development activities, including the resident lecture series. Dr. Oakley Smith continues as a fellowship supervisor for the American Academy of Facial Plastic and Reconstructive Surgery.



North York General Hospital

Dr. Everton Gooden **(Otolaryngologist-in-Chief)**

North York General Hospital (NYGH) is one of Canada's leading community academic hospitals, offering their culturally diverse community a wide range of acute care, ambulatory and long-term care services across seven sites.

The hospital is about to embark on the most transformative capital project in its history with construction to begin shortly on a new Long Term Care Tower which will be one of the largest Long Term Care Centers in the province when completed. In addition, there are plans to construct a new Acute Care Tower with a target date for completion in 2030.

The Board of Governors is in the process of selecting a new President and CEO following the retirement announcement of our current President and CEO, Karyn Popovitch.

Faculty

Our division welcomed Dr. Josie Xu who was recently appointed on staff bringing our full-time physician staff complement to five physicians (Drs. Everton Gooden, Manish Shah, Thileep Kandasamy and Jason Xu). Dr. Josie Xu brings expertise in the surgical management of sleep disorders following a one-year fellowship at the University of Southern California.

Dr. Manish Shah was appointed our new Division Head of Otolaryngology-Head and Neck Surgery following completion of Dr. Gooden's term in May 2023. Dr. Shah has taken on progressive leadership roles in the hospital and is also a member of the Medical Staff Association Executive serving as Treasurer of the Medical Staff Association.

Dr. Jason Xu will take on the role of Education Coordinator for our division. We continue to participate regularly in the Undergraduate and postgraduate teaching and the rotation remains very popular amongst medical students and residents.

A warm thank you to my colleagues for their support and dedication in helping to make our division into a center of excellence.



Sinai Health

Dr. Ian Witterick **(Otolaryngologist-in-Chief)**

Sinai health (SH) currently has five full-time faculty (Drs. Davies, Freeman, Monteiro, Vescan and Witterick) and nine part-time faculty (Drs. Chan, Dalgorf, Davids, Elmasri, Fernandes, Lee, Pace-Asciak, Punthakee and Roskies). Welcome to our new clinic manager, Ms. Soojin Lee and thank you to our outgoing manager, Ms. Anita Chin, who is taking over as manager of endoscopy at SH.

We continue to enjoy the new state-of-the-art operating rooms and equipment. The rhinology and head and neck oncology programs continue to grow and flourish and Dr. Davies is regularly performing transoral robotic oropharyngeal cancer resections. The Kimel Schatzky Intensive Care Unit (ICU) opened in May 2023 with thirty-six beds, doubling the previous ICU bed capacity. We continue to see approximately 18,000 outpatients per year despite our two clinic areas being impacted by hospital renovations (slated to be completed in the spring of 2024).

We remain a popular training site for residents, fellows and medical students interested in OHNS.

We have multidisciplinary Mouth Clinics with Dentistry/Oral Pathology twice a month and Dr. Taryn Davids continues to do monthly Voice Clinics. Drs. Davies and Monteiro participate in weekly multidisciplinary head & neck oncology clinics with radiation oncology at PMH and our faculty regularly perform anterior skull base surgery with the neurosurgeons at TWH. We have a close working relationship with Endocrine Oncology and have regular Endocrine Oncology Multidisciplinary Tumour Boards.

An exciting addition starting in the 2023-24 academic year, are multidisciplinary clinics with Speech Language Pathology 2-3 days per week preparing head and neck oncology patients for surgery and helping in their rehabilitation after surgery. Dr. Roskies has also started a program to help SH patients with facial defects post-ablative surgery to regain form and function through his facial plastic and reconstructive expertise.

We have been actively involved in various leadership roles at SH, the University department as well as nationally and internationally. A recent highlight was the World Congress on Thyroid Cancer, the largest thyroid cancer meeting in the world, held in London England in June 2023 with Drs. Freeman and Witterick as members of the Steering Committee.

There are a large number of clinical, translational and basic science research projects in progress or planned. We opened a new Nasal Function/Airflow lab this year with state-of-the-art rhinomanometry, olfaction

testing and endoscopy equipment and hired a research coordinator. There are many active head and neck oncology projects related to 3D modeling, novel wound care methods, quality initiatives and thyroid molecular testing.

Sinai Health has established a number of chairs in celebration of Mount Sinai Hospital's 100th anniversary honoring the doctors and scientists whose achievements have elevated Sinai Health's reputation for world class care. The Dr. Jeremy Freeman Chair in Surgical Oncology has been established and reads "as a surgeon, scientist and educator, he pioneered innovative surgical techniques and trained hundreds of residents and fellows in their use ... Over a span of close to 40 years, Dr. Jeremy Freeman has treated more than 7,000 patients with head and neck cancers and consulted on thousands more of the globe's most complex cases". Congratulations to Dr. Freeman!

Highlights

Awards/Honours

Group Award – *Collaboration in Education Award*, OR OHNS Team, Mount Sinai Hospital. Awarded to the team who has made an outstanding contribution to learner education.

Dr. Yvonne Chan – *Distinguished Educator Award – Physician*, Unity Health, *University of Toronto MD Teaching Award of Excellence*, the *Honor Award* and the *Committee of Excellence Award* from the American Academy of Otolaryngology – Head & Neck Surgery and the 3rd Place Poster Award from the American Rhinologic Society for “Surgical Completeness in AERD Patients”

Dr. Joel Davies – *Wightman-Berris Academy Individual Teaching Excellence Award*, Undergraduate which recognizes teachers whose outstanding skills have been personally identified by their students and the *Inaugural Drucker Reitman Family Discovery Award*, First Place in Science of Care Research Competition, Sinai Health for the project “Use of Amnion/Chorion allograft onlay for radial forearm/fibular free flap donor sites: Randomized control clinical trial”



Dr. Vinay Fernandes – Surgical Foundations Quality Improvement Curriculum Best Mentor Award

Dr. Jeremy Freeman – Creation of the Dr. Jeremy Freeman, Chair in Surgical Oncology
https://secure.supportsinai.ca/site/SPageNavigator/profile_freeman.html

Dr. Eric Monteiro – Resident Advocate Award, MD Program Teaching Excellence Award

Dr. Ian Witterick – Guest of Honour, Percy Ireland Academic Day

Quality Initiatives (QI)

Dr. Eric Monteiro – Completed term as the Course Director for the Certificate Course in Quality Improvement at CQuIPS and will be consulting for them in the next academic year. He is also providing QI consulting expertise for other hospitals in Ontario.

Dr. Vinay Fernandes – Continuing to work on QI with the University department and the Scarborough Health Network. He is also helping to lead the Health Equity Certificate Program that serves the Scarborough community. He is looking forward to expanding QI projects and mentorship in the coming academic year.

Education

Dr. Maru Gete from Israel completed the fellowship in rhinology, skull base, and head and neck oncology on June 30, 2023 and will be staying on for one more year of fellowship training with Drs. Monteiro and Vescan.

Dr. Alexander Dickie will join us as the rhinology, skull base and head and neck oncology fellow on July 1, 2023. Alex is originally from Newfoundland and did his residency training at Western University.

We continue to have a lot of interest from medical students for shadowing and elective opportunities as well as requests from around the world for observerships.

Research

We have a large number of research projects ongoing in head and neck oncology, QI, and rhinology related areas.

We have re-established the Nasal Function/Airflow lab with state of the art equipment and hired a research coordinator. Several randomized clinical trials are in the REB phase.

The well established molecular oncology lab is focusing on developing molecular testing for indeterminate thyroid nodules with a multi-specialty team.

Dr. Davies has initiated a number of funded research projects including two Harry Barberian Scholarship Fund projects, 1. *The impact of patient-specific surgical cutting guides on pathological margin status: A Prospective study on virtual surgical planning in Head and Neck Cancer.* Trainee Name: Dr. Tanya Chen (\$5,000 CAD) and 2. *Use of smartphone infrared thermography to identify free flap perforators and assist in free flap planning.* Trainee Name: Dr. Gianluca Sampieri (\$5,000 CAD).

Dr. Davies is also actively working on projects related to 3D printing prior to major head & neck oncologic surgery and was awarded the *Science of Care Research Award* from Sinai Health for his project *Utilizing Open-Source Software to Develop Low-Cost Patient Matched Oral-Maxillofacial Surgical Guides to Facilitate Patient Care and Improve Surgical Outcomes* (\$10,000 CAD).

Dr. Davies was awarded a second *Science of Care Research Award* from Sinai Health for his project *Use of Amnion/Chorion allograft onlay for radial forearm/fibular free flap donor sites: Randomized control clinical trial* (\$10,000 CAD).

Dr. Chan was a co-investigator on a 2022 AMOSO Opportunities Fund grant from Western University for her project on *Domestic Responsibilities in Canadian Otolaryngologists*: Survey and as a co-investigator on a 2022 Otolaryngology – Catalyst grant from the Department of Otolaryngology – Head & Neck Surgery at Western University

Collectively in the 2022–2023 academic year, there were a large number of peer-reviewed publications, podium presentations, poster presentations and invited lectures documented elsewhere in this annual report

Humanitarian Efforts

Dr. Eric Monteiro in conjunction with Dr. Vincent Lin and one or more of our residents are travelling to Sioux Lookout two times per year to perform outreach clinics and surgery

Leadership Roles at Sinai Health and the University Department

Dr. Yvonne Chan

University Department: Vice-Chair Education, Director Continuing Professional Development, Academic Lead Equity, Diversity and Inclusion Committee, Member Undergraduate Committee, Member Executive Committee, Member Budget Advisory Committee, Member Promotions Committee, Member Quality and Safety Committee

Dr. Joel Davies

University Department: Member Equity, Diversity and Inclusion Committee, Member Research Committee

Dr. Ambrose Lee

University Department: Director Undergraduate Medical Education, Member Executive Committee

Dr. Eric Monteiro

Sinai Health: Co-Chair Perioperative QI Committee, Member overall QI committee reporting to the hospital board

University Department: Assistant Program Director/Competency Director, Member Residency Program Committee, Member Executive Committee

Dr. Xerxes Punthakee

University Department: Member Equity, Diversity and Inclusion Committee

Dr. Ian Witterick

Sinai Health: Member Medical Advisory Committee

University Department: Member Appointments Committee, Member Promotions Committee, Member Budget Advisory Committee

Leadership Roles – National/International

Canadian Society of Otolaryngology – Head & Neck Surgery – Scientific Program Chair Dr. Chan

World Congress on Thyroid Cancer Steering Committee – Drs. Freeman and Witterick

North American Skull Base Society – Board of Advisors – Dr. Witterick

American Head and Neck Society – Chair Skull Base Section – Dr. Witterick

International Federation of Head and Neck Oncologic Societies – Officer – Dr. Witterick

Ironman

Dr. Eric Monteiro completed the Lake Placid Ironman competition and qualified for the World Championship in Nice, France on September 10, 2023.



Goals for the coming year

1. Recruitment of a full-time otologist in the summer/fall 2024
2. Initiation of a radiofrequency ablation program for thyroid disease
3. Establishment of collaborative head and neck oncology clinics with speech-language pathology 2-3 days per week to manage the ever growing complex head and neck oncology patient population at Sinai Health
4. Dr. Davies will continue to grow the transoral robotics program

5. Contributing to a head and neck oncology database in collaboration with UHN
6. Initiation of several rhinology related randomized clinical trials
7. Initiation of head & neck oncology research projects currently under REB review
8. Development of “Molecular Testing of Indeterminate Thyroid Nodules to Inform Surgical Management” through the Raymond Ng and Wendy Chui Foundation for Innovation in OHNS.
9. Dr. Monteiro is looking forward to starting the New and Evolving Academic Leaders (NEAL) program through the Centre for Faculty Development
10. Dr. Davies will complete the coursework components of his MSc in artificial intelligence
11. Dr. Pace-Asciak is developing a 3D printed rhinoplasty model for education
12. Dr. Davies will continue to develop 3D models for head & neck oncology cases and establish a steering committee for "Advanced technologies" in collaboration with Biomedical Engineering



Sunnybrook Health Sciences Centre

Dr. Danny Enepekides (Otolaryngologist-in-Chief)

The Department of Otolaryngology-Head & Neck Surgery at Sunnybrook Health Sciences Centre enjoyed another tremendously successful year. 2022 saw the completion of the Nanji Head and Neck Centre. The last round of investments made established the centre as a state-of-the-art outpatient unit offering the most up-to-date technologies for patients with endocrine, otologic, and head and neck pathology. The centre includes a fully equipped laryngology suite, expanded ultrasound capabilities, radio frequency ablation, digital endoscopy units, fully equipped otologic suites, and a multi-purpose procedure room. These facilities will allow our world class clinical programs to provide the best possible care to our patients.

Post-pandemic human resource pressures have certainly impacted resources at Sunnybrook but our clinical programs have continued to provide outstanding care. The Sunnybrook Health Sciences Centre Cochlear Implant Program is the largest adult implant program in Canada and recognized as an international leading centre of excellence. Currently, Sunnybrook is funded to place 250 implants per year and is on track to realize these volumes for the first time since the onset of the pandemic. In 2022-23, the head and neck surgical team performed 250 major surgeries with approximately 125 microsurgical reconstructions. Such volumes have made the Head and Neck Oncology program at Sunnybrook one of the premiere training programs in the country. Since 2008 the Department of Otolaryngology-Head & Neck Surgery at Sunnybrook Health Sciences Centre has trained 30 fellows who have gone on to successful careers around the world.

The research enterprise at Sunnybrook Health Sciences Centre continues to thrive. Our research programs in otology-neurotology and head and neck oncology successfully obtained over \$1,500,000 in additional external peer-reviewed funding. Both Drs. Alain Dabdoub and Andrew Dimitrijevic received CIHR funding in support of their innovative work. Dr. Eskander's health services research program had another wonderfully successful year. Over the past 5 years our research programs have generated over \$18,000,000 in peer-reviewed external funding (\$5,400,000 from principal or co-principal investigator led research). As a result of their tremendous contributions and productivity, both Drs. Eskander and Le were promoted to the academic rank of Associate Professor at the University of Toronto.

The department has received multiple awards for excellence in education. Dr. Kevin Higgins was awarded the university department's *Faculty Teacher of the Year Award*. Remarkably, Sunnybrook has been home to this prestigious award five years running (Drs. Eskander, Enepekides, Chen, Le, Higgins). For two consecutive years (2020 and 2021) its faculty have been awarded the *William Dixon Sunnybrook Surgical Education Award*.

(Drs. Enepekides and Higgins). This year Dr. Antoine Eskander won the university department's *Resident Advocate Award*. This commitment to resident and fellow education has maintained Sunnybrook as one of the department's most highly regarded rotations.

As always, the department owes tremendous thanks to our partners in Audiology for their ongoing support and, most importantly, to our wonderful nurses, residents, and fellows who continue to provide incredible care during these challenging times.

Highlights

1. Drs. Eskander and Le promoted to Associate Professor
2. Dr. Kevin Higgins received the *Faculty Teacher of the Year Award*. This award has been held by Sunnybrook faculty five years running
3. Drs. Dabdoub and Dimitrijevic received CIHR funding in support of their tremendous research projects



Trillium Health Partners

The Credit Valley Hospital, The Mississauga Hospital and Queensway Health Centre)

Dr. Janet Chung (Interim Otolaryngologist-in-Chief)

Over the past academic year (2022-2023), Trillium Health Partners' Division of Otolaryngology-Head and Neck Surgery has seen substantial progress. This growth and development have been driven by a number of remarkable events and notable achievements by the dedicated team. The year started on a cautious note, as the division's OR resources was operating at 80% but fully resumed to 100% capacity in April 2023. This has helped our division's ability to continue to provide comprehensive general otolaryngology care with a strong focus on pediatrics, endocrine surgery and otology, benefitting the Peel Region community.

In 2023, there was a notable display of philanthropy towards Trillium Health Partners by the Orlando Corporation's landmark donation of \$75 million. These funds have been earmarked to support the construction of a new hospital facility, as well as to underpin the ambitious aims of the Institute for Better Health. This transformative gift promises to revolutionize the healthcare landscape and dramatically enhance the breadth and quality of services provided.

In addition, the Division of Otolaryngology-Head and Neck Surgery has been the recipient of significant accolades over the past year. Drs. Aman Grewal and Janet Chung were each awarded the *MD Program Teaching Award for Excellence*. Dr. Aman Grewal was the recipient of the *Alma Smitheringale Undergraduate Teaching Award* and Dr. Janet Chung was the recipient of the *2022-23 Chapnik, Freeman and Friedberg Clinical Scientist Program Award*. These awards underscore the division's commitment to fostering a dynamic and enriching educational environment for Mississauga Academy of Medicine undergraduate students and postgraduate residents.

In conclusion, the 2022-2023 year has been one of rejuvenation, generous philanthropy, and celebrated educational achievements for Trillium Health Partners and the Division of Otolaryngology-Head and Neck Surgery.

Highlights

- New Associate staff members: Drs. Amr Hamour, Vincent Wu and Weining Yang, starting their position in July-August of 2023
- Dr. Aman Grewal was the recipient of the *Alma Smitheringale Undergraduate Teaching Award*
- Dr. Janet Chung received of the *2022-23 Chapnik, Freeman and Friedberg Clinical Scientist Program Award*
- Drs. Aman Grewal and Janet Chung were recipients of the *MD Program Teaching Award for Excellence*
- Achieved excellent teaching scores at both the undergraduate and postgraduate levels

Goals for the coming year

- Dr. Jeffrey Mendelsohn will be retiring in October 2023
- On board our three new Associate staff members
- Start the coblation trial for adenotonsillectomy in the pediatric population
- Continue to practice the high standard of undergraduate and postgraduate education



Unity Health Toronto - St. Joseph's Health Centre

Dr. Andres Gantous

(Otolaryngologist-in-Chief)

St. Joseph's Health Centre serves the west end of Toronto and has a large catchment area for tertiary care particularly within the department of surgery. It provides care to a multicultural community that has constantly diversified over the decades. It has a reputation for excellence as community hospital as well as an academic teaching hospital affiliated to the University of Toronto. SJHC is part of Unity Health and there is a push under way to make the hospital more academic.

The Division of Otolaryngology-Head & Neck Surgery at St. Joe's is currently comprised of seven physicians with diverse clinical interests and sub-specialties including rhinology, neuro-otology, facial plastic and reconstructive surgery, endocrine surgery, skull base surgery and pediatric otolaryngology. The members of the division are Drs. Dustin Dalgorf, Rick Fox, Andres Gantous, Jack Kolenda, Pia Pace-Asciak, Ian Witterick, and Dr. Priya Kersawani who was successful in being offered a position during our most recent search.

Several members of the faculty have administrative positions within the University of Toronto. Dr. Witterick continues to be active within the department as otolaryngologist-in-chief at Sinai Health. Dr. Gantous is Head of the Division of Facial Plastic and Reconstructive Surgery of the Department of Otolaryngology-Head & Neck Surgery. Dr. Pace-Asciak has taken a keen interest in teaching, and we are certain that Dr. Kersawani will follow suit.

St. Joseph's Health Centre continues 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, Injectables, 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.

The faculty of St. Joseph's Health Centre 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 Otolaryngology-Head & Neck Surgery at St. Joseph's Health Centre will 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. 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 Toronto now comprises 1,423 patient beds with 357,000 admissions annually. The Department of Otolaryngology-Head & Neck Surgery (OHNS) at St. Michael's Hospital resides within the Renal & Metabolism Program. With 5 full-time staff (Jennifer Anderson, Yvonne Chan, John Lee, r. Jun Lin, Molly Zirkle) and 6 part-time staff (Al Chiodo, Taryn Davids, Theresa Holler, Anil Katyal, John Rutka, Tulika Shinghal), 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. Between July 2022 to June 2023, we had approximately 31,007 ambulatory visits in our extremely efficient comprehensive otolaryngology clinic.

The multidisciplinary voice clinic has two full-time (Drs. Anderson and Lin) and two part-time (Drs. Davids and Shinghal) laryngologists. Three highly skilled speech pathologists, Marta DeLuca, Janine Fitzpatrick, and Taylor Strande are invaluable team members who attend the voice clinic regularly. The KTP and TruBlu lasers for laryngology procedures have allowed 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, botox and steroid injections).

Dr. Lee and Dr. Chan both subspecialize in rhinology and anterior skull base surgery. Dr. Lee also subspecializes in the outpatient epistaxis treatment for the Hereditary Hemorrhagic Telangiectasia (HHT) clinic using the KTP and TruBlu lasers. In order to reduce wait times and alleviate patient symptoms, Dr. Lee and Dr. Chan perform endoscopic nasal polypectomy in clinic. Dr. Zirkle continues to build her functional septorhinoplasty practice and attract referrals from otolaryngologists across the community.

Our department accomplishments are summarized and highlighted below.

Highlights

Awards/Honours

- Dr. Yvonne Chan: *Distinguished Educator Award – Physician*, Unity Health, *University of Toronto MD Teaching Award of Excellence*, the *Honor Award* and the *Committee of Excellence Award* from the American

Academy of Otolaryngology-Head and Neck Surgery and the 3rd Place Poster Award from the American Rhinologic Society for “Surgical Completeness in AERD Patients”

- Dr. John Lee: *Invited Visiting Professor*, Department of Otolaryngology-Head & Neck Surgery, David Brodsky Resident Research Day, University of Manitoba, the 3rd Place Poster Award from the American Rhinologic Society for “Surgical Completeness in AERD Patients”

Education

- Our educational footprint spans both undergraduate and postgraduate medical education
- Dr. Isabel Besserer completed her Laryngology Fellowship with Dr. Jennifer Anderson in Dec 2022 and Dr. Huixin Hu began her Laryngology Fellowship with Dr. Jennifer Anderson in Jan 2023
- PGY 1, 3, and 5 core rotation otolaryngology residents rotate at SMH in usually 3-month block
- Our site continues to host anesthesia and ophthalmology residents in a 1-month block
- Elective family medicine residents rotate with Drs. Chan and Zirkle in a 1-month block
- Elective allergy & immunology residents rotate with Dr. John Lee
- We have 54 students at the Fitzgerald Academy based at Unity Health each year and all rotate through our ambulatory clinic during their core clerkship rotation
- 3rd and 4th year interested medical students continue to enjoy otolaryngology elective rotations with our faculty

Research

- We have a number of research projects ongoing in laryngology and rhinology related areas
- Dr. Anderson established the Nicole Muzzo Research Chair in Voice Disorders in 2016
- Dr. Chan was a co-investigator on a 2022 AMOSO Opportunities Fund grant from Western University for her project on *Domestic Responsibilities in Canadian Otolaryngologists*: Survey and as a co-investigator on a 2022 Otolaryngology – Catalyst grant from the Department of Otolaryngology-Head & Neck Surgery at Western University
- Dr. Chan was also awarded the Canadian Society of Otolaryngology-Head & Neck Surgery Dr. Elena M. O’Connell Memorial Fund for the project “Gender pay gap and Referral Patterns in Otolaryngology in Ontario”
- Dr. Lee leads the rhinology research portfolio at SMH and continues to supervise a significant number of medical students and residents leading to a number of podium and poster presentations at local, national, and international meetings
- Dr. Lin is the Principal Investigator, Microbiome profile in iSGS, Department Research Award, Bryan Coburn, \$25,000

Leadership Roles at Unity Health, the University Department, and University of Toronto Temerty Faculty of Medicine

- **Dr. Jennifer Anderson**
- University Department: Member Quality and Safety Committee
- **Dr. Yvonne Chan**
- University Department: Vice-Chair Education, Director Continuing Professional Development, Academic Lead Equity, Diversity and Inclusion Committee, Member Undergraduate Committee, Member Executive Committee, Member Budget Advisory Committee, Member Promotions

- Committee, Member Quality and Safety Committee, Member Department Appointment Committee
- Unity Health: Member Medical Advisory Committee, Member Medical Leaders Council, Member St. Michael's Hospital Association, Member Perioperative Quality & Safety Committee, Member Surgical Safety Checklist Subcommittee, Member Perioperative Cabinet
- Temerty Faculty of Medicine: Member Vice Chair Education Committee, Member Postgraduate Medical Education Board of Examiner, Member Continuing Professional Development Committee
- **Dr. John Lee**
- University Department: Head, Division of Rhinology, Assistant Director of Undergraduate Medical Education, Member Research Committee
- Unity Health: Site Director Undergraduate Medical Education
- **Dr. R. Jun Lin**
- University Department: Head, Division of Laryngology, Member Residency Program Committee, Faculty Co-Lead Journal Club
- Unity Health: Site Director Postgraduate Medical Education
- **Dr. Molly Zirkle**
- University of Toronto: Director of Career Advising, Director of Expansion Scarborough Academy of Medicine and Integrated Health

Leadership Roles – National/International

- Canadian Society of Otolaryngology-Head & Neck Surgery: Scientific Program Chair Dr. Chan
- Royal College of Physicians and Surgeons of Canada: Member Regional Advisory Committee 3 for Ontario Dr. Chan
- International Society of Allergy and Inflammation of the Nose (ISIAN): Member Board of Director Dr. Chan
- International Federation of ORL Societies (IFOS): Member Executive Council Dr. Chan
- American Academy of Otolaryngology – Head & Neck Surgery: Member Program Planning Committee Dr. Chan
- American Rhinologic Society: Member International Committee Dr. Lee
- F1000 Research: Member Advisory Board Dr. Lee
- F1000 Prime: Section on Rhinology and Paranasal Sinus Disease: Faculty Member Dr. Lee

Humanitarian Efforts

- Dr. Jennifer Anderson travels to Elliot Lake, Ontario to provide comprehensive otolaryngology care to the underserved area

Goals for the coming year

- Our clinic expansion and retrofitting of existing clinic space is slated to finish in early 2024
- A new research coordinator has just started with our department and we hope to expand our laryngology and rhinology research portfolio with multiple new REB submissions underway



University Health Network

Dr. Ralph Gilbert **(Otolaryngologist-in-Chief)**

The Department of Otolaryngology-Head & Neck 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.

This year saw the unfortunate departure of Dr. Neil Bailie who had joined the department in 2021 as an otologist/neurotologist. Dr. Bailie had become a critical member of our department, but for personal and family reasons elected to return the United Kingdom. The department will be recruiting another Otologist and Skull Base Surgeon for the Department.

Drs. de Almeida , Goldstein and Yao lead our robotics program with an established 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.

The head and neck group including Drs. Gullane, Irish, Gilbert, Brown, Goldstein, de Almeida and Chris Yao continues to be extremely productive both academically and clinically. The department will be recruiting new head and neck staff in the next 6 months to help manage our clinical volumes.

Dr. Irish continues to lead the Guided Therapeutics Group 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 Padua and has developed 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 is 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 implemented a 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. 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 head and neck oncology. Dr Goldstein continues to lead our Surgical Trials program funded with a million dollar donation from the Robertson Foundation.

Generally, the entire group has been extremely productive internationally with invited presentations and free papers at numerous national and international meetings. Including the IFHNOS Head and Neck Oncology meeting, the European Laryngological Society, the American Head and Neck Society and many others.

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 this year. These positions are highly sought after due to 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-head and neck surgery.

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

We would like to invite all our alumni and trainees and faculty to follow the UHN department on our Facebook and X feeds and our new website. Surgical videos are also available at the Toronto Video Atlas Website, a unique UHN initiative for surgical education.



Research Team Reports

Neuro-Otology and Auditory Science

Cochlear Implant, Neurotology & Otology Research, Sunnybrook Health Sciences Centre

Joe Chen, Andrew Dimitrijevic, Vincent Lin, Trung Le

COVID-19 is now firmly in the rearview mirror and our clinical and surgical case volumes are slowly returning to normal although the effects of the nursing shortage is certainly creating ongoing challenges.

However, our cochlear implant research endeavours continue. This spring brought the return to live conferences as our group travelled to Dallas for the American Cochlear Implant Alliance annual meeting. Some of our group also travelled to Korea in November for the Asia Pacific Cochlear Implant meeting.

The cochlear implant research team consists of Dr. Andrew Dimitrijevic who runs the cochlear implant electrophysiology lab. Drs. Joseph Chen, Vincent Lin and Trung Le run many of the clinical cochlear implant research projects and clinical trials. From the audiology standpoint, Kari Smilsky is the clinical lead and the rest of the cochlear implant audiology team are also heavily invested in our ongoing research endeavours.

The group continues to be quite productive with a total of 16 publications in the academic year. Granting and philanthropic generosity continues to be the pillars of our fundings for our research labs and projects. Congratulations to Andrew for receiving his CIHR grant!

The range of projects continues to encompass all facets of cochlear implant and hearing restoration research. Our projects range from:

- Listening effort and spatial listening in cochlear implant (CI) users with Single-Sided Deafness (SSD)
- Mechanisms of tinnitus suppression with a CI in SSD
- Neural correlates of auditory working memory is related to speech perception in noise in CI users
- Development of a brain-computer-interface based on auditory selective attention
- Neural responses to semantic expectancy in natural speech
- Development of a selective spatial listening task that relates to Quality of Life in CI users
- Online tests of working memory relates to speech perception and Quality of Life in CI users
- Neural stimulation using high-density transcranial direct current stimulation.
- Robotic Mastoid Drilling
- Magnetic Targeting
- Cognitive Assessment as a Predictor of Short and Long Cochlear Implant Outcomes
- Improving the Hearing Status Discrimination of the Health Utilities Index, Mark 3

Our group is hoping for a healthy and productive upcoming academic year.

Auditory Development & Regeneration, Sunnybrook Health Sciences Centre

Alain Dabdoub

My research centers on molecular signaling pathways and transcription factors responsible for the neurodevelopment and regeneration of the inner ear focusing on hearing and balance. Specifically, I concentrate on three themes reflecting my growing interest in translating and commercializing the scientific discoveries of my lab into regenerative medicine for the diagnosis and treatment of inner ear disorders:

- **Precision Diagnostics:** Identifying and quantifying inner ear biomarkers that report on the pathologies and treatment efficacies of the inner ear.
- **Regenerative Medicine:** Discovering the molecular underpinnings of sensory hair cell and auditory neuron development and regeneration.
- **Therapeutic Delivery:** Developing new approaches of non-invasive delivery of therapeutics to the inner ear.

My research program attracts outstanding graduate students and postdoctoral fellows whom I continue to develop in my lab and my research success would not be possible without them. We greatly benefit from unwavering support from the Sunnybrook Otolaryngology Department.

Our lab is supported by multi-year grants from the Canadian Institute of Health Research (CIHR) Natural Sciences and Engineering Research Council (NSERC), the International Hearing Restoration Project – Hearing Health Foundation, and by the Koerner Foundation.

Follow us on Twitter: @LabDabdoub



Dabdoub summer lab 2023

Paediatric Cochlear Implant Research Lab, Hospital for Sick Children

Karen Gordon, Blake Papsin, Adrian James, Sharon Cushing

The Cochlear Implant Laboratory at the Hospital for Sick Children continues 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 as a result of genetic, viral, and other associated etiologies; and 3) To what extent can auditory and vestibular plasticity and development be promoted by early identification and stimulation through prostheses including cochlear implants, hearing aids, and bone conducting devices? 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 Negandhi, our Research Project Co-ordinator and we welcomed Rachel Lim, as our Research Project Co-ordinator in September 2023 as Al Blakeman has been on leave. We also have a wonderful team of graduate students (3 PhD, 2 MSc), a post-doctoral fellow, medical students (4), and undergraduate students (4).

Robel Alemu has continued in his PhD degree program at IMS this year. He is assessing spatial hearing in children with and without hearing loss and has shown that these skills are emerging more clearly in children using bilateral cochlear implants than children with a cochlear implant in one ear and acoustic hearing through normal hearing or a hearing aid in the other ear (bimodal hearing). This work includes a large group of children with single sided deafness who have received cochlear implants. Our recent paper in *Otology NeurOtolology* provides outcome data in the largest cohort of such children to date.

Angela Fung has continued her MSc degree program at IMS and her final defense is scheduled for June 28, 2023. This work investigated methods to assess access to binaural hearing cues in children with hearing loss and helps us to understand the spatial hearing outcomes measured by Robel. Important findings were that children with bilateral cochlear implants are sensitive to interaural level differences (ILDs) and that this sensitivity can be measured at the brainstem and cortex through electrophysiology. Interestingly, asymmetric current levels programmed into children's bilateral cochlear implants can distort these ILDs and reduce children's access to these fundamental cues needed for spatial hearing.

Further work on spatial hearing is being done by Lulia Snan who joined our team as an MSc graduate student at the Institute of Medical Sciences in September 2022. Over the past year, Lulia has made great progress setting up her study protocol which examines brain function when children are actively listening for ILD changes. We are assessing whether some children make use of a preferred ear through unique cortical networks and whether this "aural preference" changes how they detect speech in noise. We are using a novel paradigm in which spatial cues are provided by moving speech, reflecting a more "real world" scenario.

Melissa Hazen has also continued her PhD exploring vestibular testing and balance deficits in children in three studies. Her first study has shown that balance problems are most common in children with concurrent auditory and vestibular loss but that children with hearing loss and no vestibular findings have the same risk of balance deficits as children with normal hearing and vestibular deficits. The second part of the work aims to define the developmental consequences of concurrent hearing and vestibular deficits and this work has led to the third study in which we are assessing how these children might learn to compensate for their balance

problems. Learning tasks in 3 spatial domains (spatial hearing, visuo-spatial navigation, and a balance board) are to be assessed over a 5-day period. We have partnered with a Toronto daycamp which provides an opportunity for the study participants to be engaged in a social and active environment while taking part.

We have also welcomed Hanne Bartels, a physician from Belgium, to our team. Hanne has embarked on a PhD study which aims to determine whether children using bimodal hearing (cochlear implant in one ear and acoustic hearing in the other) have used this very atypical bilateral input to develop unique cortical specialization and hearing. We will also determine whether normal ear dominance in the brain is altered by having better acoustic hearing in the left vs right ear. This will answer an important question about benefits of cochlear implantation in children with significant residual hearing in one ear including children with single sided deafness.

Dr. Vivek Sharma joined in January 2023 as a post-doctoral research fellow to work on a collaborative project with Dr. Darren Kadis and Dr. Elizabeth Pang which examines cortical processing of speech in children with Autism Spectrum disorder. Early findings suggest deficits that begin in early stages of auditory coding and involve both the auditory and cognitive areas of the brain.

Several other students have been involved in the lab over the past year. A team of medical students (Emily Wener from University of Ottawa; Lindsay Booth from the University of British Columbia, Veeral Desai from Queen's University, and Haily Bensky from McMaster University) worked on a follow-up study to our paper in 2021 showing reduced access to spoken communication by children with CIs associated with pandemic related school closures. Emily Wener has also been working on a study examining genetic etiology of hearing loss in a large cohort of children followed in our department at SickKids. Ayden Cauchi is an undergraduate engineering student from the University of Waterloo who has been completing his co-operative placement with us. He has been updating our ER-TRACs beamformer which allows us to measure cortical activity from EEG measures and has been working on an automated method to perform and code speech perception testing. Undergraduate students, Maria Khan, Rachel Bedder, and Sofia Oliazola helped us launch our Hear Here Podcast! Please check it out and subscribe. Present summer students are Cole Sandler and Samsoor Akberzai.

We continue to have important collaborations both locally (Adrian James, Evan Propst, Susan Blaser, Jenny Campos, Andrew Dimitrijevic, Elizabeth Pang, Birgit Ertl-Wagner), nationally (Steve Lomber) and internationally (Ruth Litovsky). We have an active collaboration with Steve Lomber, McGill University, to assess potential mismatches in stimulation levels in children using bilateral cochlear implants. Carina Sabourin, a PhD student from McGill University, is collecting and analysing these data.

We were also very pleased that our collaborative project with Dr. Ruth Litovsky at the University of Wisconsin-Madison was awarded grant funding from the US National Institutes of Health through the National Institute of National Institute on Deafness and other Communication Disorders.

Along with increased grant funding, productivity over the past year included 6 peer reviewed papers published and 2 in press. One lay article was published and 2 book chapters were submitted in a textbook that is expected to come out this next year. Between this summer and last, we collectively presented over 20 abstracts at international meetings and gave over 30 invited talks at virtual international meetings.

Please check out our Hear Here Podcast and subscribe.

Some additional highlights from the past year include:



We are excited to share that the Archie's Cochlear Implant Lab at the Hospital for Sick Children in Toronto, Ontario has launched the new Hear Here Podcast!

The goal with these episodes is to explore, discuss and learn about new ideas that may help people use devices like cochlear implants to hear

Hosted by Dr. Karen Gordon (Senior Scientist, Audiologist) and co-hosted by Dr. Sharon Cushing (Co-Director of the Cochlear Implant Program) and Dr. Blake Papsin (Chief, Otolaryngology) at the Hospital for Sick Children, Toronto, Canada

QR code to all of our podcast platforms and episode transcripts on our lab website!



Produced and edited by Hear Here Podcast Team members with personal CI experience (Maria Khan, Sofia Olaizola and Rachel Bedder)

- 14 student/trainee awards including the *Raymond Ng Graduate Research Award*, Dept. Otolaryngology-Head & Neck Surgery, University of Toronto to Robel Alemu.
- 6 Travel Awards for submitted abstracts to international conferences
- Best Abstract Award, 16th European symposium on pediatric cochlear implantation. May 31st - June 3, Rotterdam, the Netherlands to Karen Gordon

Head and Neck Oncology

Head & Neck Oncology Research, Sunnybrook Health Sciences Centre

Danny Enepekides, Kevin Higgins, Antoine Eskander

The Sunnybrook Health Sciences Centre Head and Neck Oncology Division had another productive year. The research portfolio of this group has continued to expand, with multiple clinical trials currently ongoing, along with several prospective and retrospective research studies. Our group currently has over \$3,000,000 in active research funding and 103 publications (2022-2023). Dr. Antoine Eskander has continued to act as the Odette Cancer Centre head and neck disease site lead over the past year and is also the lead of the Canadian Society of Otolaryngology-Head & Neck Surgery Collaborative Research Initiative (CRI).

Highlights

- We successfully recruited and completed accrual for multiple clinical trials for HNC within the past year, most notably Keynote-689, RADIO, and TrilynX-Debio 1143, all of which focused on LA HNSCC and were locally led by Dr. Martin Smoragiewicz
- These trials evaluated Pembrolizumab (Pembro) as neoadjuvant therapy and in combination with standard of care as adjuvant therapy; assessed Cisplatin dosing interval for ototoxicity; and studied the efficacy of Xevinapant (Debio 1143) versus placebo when added to CRT, respectively
- We also recently ended accrual for the SPECT-CT feasibility trial which was a pilot project to study the feasibility of injection of 99m-Technetium Sulfur Colloid in patients with lateralized oropharyngeal cancer and have since opened HN.11 which is using lymphocintigraphy to identify contralateral nodal drainage in lateralized oropharyngeal cancers. We were the first site to open internationally after the sponsoring centre. Dr. Eskander is also on the surgical quality committee for this trial
- Dr. Eskander also continues to act as the Sunnybrook PI for the PREPARE Trial, a national CIHR-funded trial that assesses a prehabilitation program for older adults with frailty undergoing a major head and neck, hepatobiliary, colorectal, or gynecology surgery
- Many of our other active, upcoming, and potential trials are focused on examining novel immunomodulatory agents combined with immunotherapy and/or chemotherapy in primary recurrent/metastatic HNSCC
- We recently received Terry Fox funding as part of a national multicenter study examining tissue from recurrent tumors for targetable agents which is led by Dr. Pinaki Bose (U of Calgary). This study will allow the Odette Cancer Centre to develop its head and neck tumor bank
- In addition to our clinical trials, our site also has numerous open prospective studies with prospective data collection underway
- Dr. Kevin Higgins continues to lead Sunnybrook in many of these studies, including a tissue perfusion study assessing intraoperative indocyanine green (ICG) imaging reduce the fistula rate in patients undergoing salvage laryngectomy, a thermal imaging assessment of pharyngeal mucosal perfusion and outcome relative to pharyngocutaneous fistula study which uses novel-app based technology to map

perforators for free flap reconstruction, and an intraoperative ultrasound project investigating the efficacy of using intraoperative ultrasound mapping on reducing rates of positive surgical margins and improving post-operative prognosis

- Dr. Higgins recently presented on the integration of FLIR thermal cameras during head and neck surgery and on the findings from his intraoperative ultrasound project at the AHNS 2023 International Conference. He has also recently developed a series of reports on the use of artificial intelligence in head and neck surgery, head and neck clinic wait times, options of access focused on mandibular swing and lingual release, and T4 Cancer Staging and Management Guidelines. He was also a panelist at IFHNOS 2023 on the discussion of management and treatment of T4b cancers; and was involved in the CAHNSO Ultrasound Course which covered radiofrequency ablation of thyroid nodules, thyroid ultrasound, and ultrasound basics
- Dr. Higgins is also co-leading a multicenter, national prospective study investigating factors associated with advanced cutaneous malignancies
- This study involves developing a national registry of patients with advanced cutaneous malignancies, and is being conducted through the Canadian Society of Otolaryngology-Head & Neck Surgery (CSOHNS) Collaborative Research Initiative, with Dr. Kathy Roth from Western University as Co-PI
- Sunnybrook is currently leading enrollment for this study with 67 patients
- Several other studies are currently being conducted at Sunnybrook as part of the CSOHNS Collaborative Research Initiative, including studies examining the association between tumour volume and local control in T3 larynx cancer, risk factors and oncologic outcomes of oral cavity cancer in young patients, the role of adjuvant radiotherapy for salivary gland cancer, margins in oral cavity cancer, wait times in oral cavity cancer, survival and treatment trends in anaplastic thyroid cancer, and factors associated with tracheal invasion by papillary thyroid cancer and post-operative outcomes
- There are also some AHNS projects being conducted through the CSOHNS Collaborative Research Initiative, including studies examining the treatment outcomes in follicular carcinoma, and the mode of detection of primary hyperparathyroidism
- These studies are at various different stages, with some currently in development and others nearing completion
- Dr. Eskander continues to lead this CSOHNS Collaborative Research Initiative
- Dr. Eskander has also continued to lead a series of CIHR-funded COVID-19 studies that have examined the impact of the pandemic on cancer care
- Findings from these studies have not only been published in high-impact peer-reviewed journals, but are the basis for an upcoming prospective Delphi study that aims to enhance the Canadian cancer care system in the post-pandemic era by advancing existing guidelines at the provincial and national level and generating evidence-based strategies to rebuild the cancer care system
- This study will involve key stakeholders from the Canadian cancer care system, as well as patients and families themselves

- There is also an upcoming mixed-methods study examining integrated community health services centres in Ontario and beyond. This is as a response to the aftermath of the COVID-19 pandemic. This project will also be conducted in close collaboration with a team of seasoned health system decision-makers, hospital executives, physicians, scientists, and other key stakeholders. We are currently working on securing funding to support this project
- We have also collaborated with the Department of Dentistry (Dr. Nick Blanas) to develop an osteoradionecrosis database to better understand both the factors associated with the development of ORN and treatment-related outcomes
- There is also another large retrospective database currently in development, CORE-HN, which is a quality improvement initiative involving HNC patients from Odette Cancer Centre, with Drs. Andrew Bayley and Eskander as Co-PIs
- This database will act as a clinical decision making tool that will be used to inform future decisions related to patient treatment by providing information related to how patients with specific types of tumours have been previously treated and their subsequent outcomes
- Dr. Bayley also continues to lead several QI initiatives at Odette Cancer Centre including one that is aimed at improving time to radiotherapy in the adjuvant setting while Dr. Eskander is leading several initiatives including: staging documentation and accuracy, and after-hours symptom screening and intervention
- Dr. Eskander is also leading another QI initiative, funded by the Canadian Cancer Society, that is focused on enhancing the ESAS process at our centre and improving our ability to identify patients with at-risk ESAS scores so that they can receive tailored psychosocial assessment, management, and follow-up
- This ESAS-QI initiative was developed as a result of our previous work on symptom screening and monitoring for HNC patients, findings that have now been published
- The division's other retrospective projects include those related to artificial intelligence and machine learning
- There are currently two related projects, the first of which assesses a natural language processing algorithm to capture staging data for patients with oropharynx cancer directly from the chart
- This study is being completed in collaboration with Pentavere and is in the final stages
- The second multisite study is aimed at validating a machine learning algorithm for the prediction of thyroid malignancy based on whole-slide cytopathology images
- Our group currently has a research fellow, Dr. Noemie Villemure Poliquin, who is completing a PhD at the IHPME/UofT examining treatment delays in head and neck cancer, and a surgeon scientist program trainee, Dr. Kennedy Ayoo (from the Division of Vascular Surgery) who is completing an MSc at the IHPME/UofT examining the long term impact of neck radiotherapy on carotid disease
- We also have 2 full-time research coordinators, 1 full-time Post-Doc, 2 full-time data abstractors, and 4 medical students (CREMS, GDip, SPARK) as part of the team

Goals for the coming year

- To continue growing the division's research portfolio by increasing involvement in clinical trials, as well as prospective and retrospective projects
- To continue publishing our research findings in high-impact peer-reviewed journals
- To develop a HNC biobank at the Odette Cancer Centre
- To continue engaging in collaborative studies with outside departments to improve outcomes for HNC patients and enhance quality of care
- Given the success of the first disease site retreat, to make this an annual event with the next retreat being held in 2024

Head & Neck Oncology Research, University Health Network

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

The research program in Head & Neck Oncology and Microvascular Reconstructive Surgery at the University Health Network has had another productive year with numerous peer-reviewed publications by its faculty, as well as securing grant funding. The major focus of the research program is clinical outcomes research. This program continues to grow with the addition of the clinical trials program supported by a generous donation from the Norman and Marian Robertson Charitable Foundation. Through this program we are supporting the development of national and international trials. Major national and international trials include: The Select Trial, led by Drs. John de Almeida and Ali Hosni, which explores the feasibility of combining surgical techniques and refined radiotherapy to reduce debilitating radiation treatment side effects. In addition to prior CIHR funding, this past year the study has also received grants from international organizations such as the Flemish Granting Organization and a Programme Hospitalier de Recherche Clinique, PHRC grant from France. The FIND trial a local trial led by Dr. de Almeida, which is a phase 2 trial investigating use of the transoral robotic surgery along with radiotherapy (RT) volume de-intensification in p16-positive unknown primary squamous cell carcinoma (SCC) of the neck, has been completed and sent for publication. The Pan-Canadian Study in Active Surveillance in low-risk thyroid cancer, led by Drs. David Goldstein and Anna Sawka, continues to accrue patients across the country. UHN has also been participating in local and international trials such as the HN006 which is a randomized Phase II/III Trial of Sentinel Lymph Node Biopsy Versus Elective Neck Dissection for early-stage oral cavity cancer.

The head and neck cancer surgery data science and machine learning research program at UHN, supported through the Shen Family Foundation, continues to develop. The goals of the program are to create an all-encompassing clinical and research database for head and neck oncologic patients seen at the University Health Network; leverage technology to improve clinical workflow while populating clinical database with real-time surgical data, outcomes and treatment effects and to develop clinical decision support tools for head and neck oncologic patient care using data science and machine learning. Chris Yao is leading the data science and machine learning research program while completing his master's degree in industrial engineering with a focus in data analytics.

Other outcomes research being done at UHN includes prospective and retrospective observational studies in mucosal, salivary gland, endocrine and skull base neoplasms. In addition, there is a major focus on evaluation of outcomes with microsurgical reconstruction and functional outcomes including quality of life assessment.

Integral to the success of the program has been the involvement of medical students, residents and fellows in these research projects mentored by the faculty.

The head and neck surgical research program and its researchers are also part of the clinical and translational research program within the Princess Margaret Cancer Centre Head and Neck Disease Site Discovery Program. Some notable research programs within the discovery program include:

The PROMOTE-HN trial, a new clinical trial that involves altering the microbiome in patients with advanced head and neck cancer who are receiving immunotherapy. This is a pan-Canadian trial led by Dr. Anna Spreafico and the team at the Princess Margaret.

The Meridian study, led by Lillian Siu and Scott Bratman, is one of the world's first studies evaluating and treating patients with minimum residual disease (MRD) as measured by circulating tumour DNA levels in blood. Patients with advanced head and neck cancer with evidence of MRD based on liquid biopsy after definitive treatment will be further managed with immunotherapy.

Dr. Laurie Ailles and her team are working to establish patient-derived xenograft (PDX) models and use them to potentially predict effective treatment methods. Tissue from oral cavity cancers are being collected in order to create PDX models that will be used i) to evaluate outcomes of rapid engraftment in a prospective study; ii) to identify a biomarker that indicates rapid engraftment and iii) to predict treatment pathways using computational technology.

Head & Neck Oncology Research, Sinai Health

Joel Davies, Eric Monteiro, Allan Vescan, Ian Witterick

This was a productive research year with a variety of successes and challenges. We had applied for seed funding through a variety of avenues including Science of Care, AAOHNS CORE grant and Harry Barberian. We did secure funding through the Science of Care competition ("Utilizing Open-Source Software to Develop Low-Cost Patient Matched Oral-Maxillofacial Surgical Guides to Facilitate Patient Care and Improve Surgical Outcomes" & "Use of Amnion/Chorion Allograft Onlay for radial Forearm/Fibular Free Flap Donor Sites") and the Harry Barberian Scholarship Fund ("The Impact of Patient-specific surgical Cutting Guides on Pathological Margin Status" & "Use of Smartphone Infrared Thermography to Identify Free Flap Perforators and Assist in free Flap Planning"). These projects are all nearing completion of review through our local REB committee, and we are excited to initiate these studies. One study, "Use of Amnion/Chorion Allograft Onlay for Radial Forearm/Fibular Free Flap Donor Sites" was awarded the top research prize for the Science of Care competition. With regards to peer reviewed publications, we have been fortunate to have published six publications in which Dr. Joel Davies has been either first author, co-author or senior author. We have collaborated across multiple institutions across Canada locally (SHSC, UHN/PMCC), nationally (via the Collaborative Research Initiative) and internationally (ie. MD Anderson, Memorial Sloan Kettering, Massachusetts Eye and Ear Infirmary). We hope to continue to develop and strengthen these collaborations in the coming years.

Highlights

- Inaugural Drucker Reitman Family Discovery Award, First Place in Science of Care Research Competition, Sinai Health. Use of Amnion/Chorion Allograft Onlay for Radial Forearm/Fibular Free Flap Donor Sites: Randomized control Clinical Trial. \$2,000 CAD

- Harry Barberian Scholarship Fund, Department of Otolaryngology-Head & Neck Surgery. The Impact of Patient-specific Surgical Cutting Guides on Pathological Margin Status: A Prospective Study on Virtual Surgical Planning in Head and Neck Cancer. Trainee Name: Dr. Tanya Chen \$5,000 CAD
- Harry Barberian Scholarship Fund, Department of Otolaryngology-Head & Neck Surgery. Use of Smartphone Infrared Thermography to Identify Free Flap Perforators and Assist in Free Flap Planning. Trainee Name: Dr. Gianluca Sampieri \$5,000 CAD
- Science of Care Research Award, Sinai Health. Utilizing Open-Source Software to Develop Low-cost Patient Matched Oral-maxillofacial Surgical Guides to Facilitate Patient Care and Improve Surgical Outcomes. \$10,000 CAD
- Science of Care Research Award, Sinai Health. Use of Amnion/Chorion Allograft Onlay for Radial Forearm/Fibular Free Flap Donor Sites: Randomized Control Clinical Trial. \$10,000 CAD

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Goals for the coming year

- Completion of coursework component of MSc in Artificial Intelligence (JDavies)
- Application for further internal/external grant funding
- Initiation of research projects currently under REB review
 - Use of smartphone infrared thermography to identify free flap perforators and assist in free flap planning
 - Utility of three-dimensional printed cutting guides for complex jaw reconstruction: a novel surgical innovation for head and neck reconstruction
 - Towards a better paradigm for head and neck cancer treatment applying artificial intelligence: an international cohort study of electronic health records
 - Use of Amnion/Chorion allograft onlay for radial forearm/fibular free flap donor sites: A randomized controlled clinical trial.
 - An interactive augmented reality software for facial reconstructive surgeries.

Guided Therapeutics (GTx) Research Program, University Health Network

Dr. Jonathan Irish (GTx Program Leader, Senior Scientist-Princess Margaret Research Institute)

GTx Program Staff:

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

GTx International Scholar Scientist:

Drs. Nidal Muhanna MD PhD, Donovan Eu MD, Catriona Douglas MD PhD, Axel Sahovaler MD

GTx Toronto-Brescia International Scholar Program:

Marco Ferrari MD, Stefano Taboni MD, Tomasso Gualtieri MD, Leonardo Franz MD

GTx Fellows:

Drs. Alon Pener-Tessler, Esmat Najjar and Sharon Tzelnick

GTx Visiting Resident (Italy-Toronto Collaboration):

Drs. Alessandra Ruaro and Tiziana Mondello

GTx Engineering / Physics Students:

Natalie Won, Josephine La Macchia, Anjola Adewale, Jerry Wan

The GTx Research Program, part of UHN's Princess Margaret Cancer Centre as of 2023, 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 Rooms (GTx-OR at the Toronto General Hospital, GTx-OR2 at Mount Sinai Hospital) and the GTx-Lab (at the Princess Margaret Cancer Research Tower). During the past year, the GTx Program focused on translational research and development of a broad range of new and continuing research projects:

- Pre-clinical and translation research focused on oral cavity cancer treatment using nanoparticle-enabled fluorescence imaging and photodynamic therapy. This research is part of a collaborative research team funded by a Terry Fox New Frontiers Program Project Grant (\$6,600,000 CAD-PI: G Zhang, Co-PI J Irish, B Wilson) for *"Porphysome Nanoparticle-Enabled Image-Guided Cancer Interventions"*. In the last year this included completion of studies outlining efficacy of nanoparticle-enabled photodynamic therapy (PDT) as a monotherapy or adjuvant therapy for oral cavity cancers, findings summarized in Sahovaler et al (2023) and Tzelnick et al (2024). New research examining the effect of PDT on oropharyngeal cancer, as well as persistent disease following radiation therapy was also started, with highlights presented by fellow Dr. Esmat Najjar at the 2023 AHNS 11th International Conference on Head and Neck Cancer in Montreal.
- The GTx group has continued collaboration with the Dr. Michelle Oblak at the University of Guelph/Ontario Veterinary College to examine the safety and efficacy of porphysome PDT in spontaneously occurring veterinary tumours (oral cavity and thyroid) in cats and dogs. Dr. Irish and collaborators were the recipient of a 3-year Canadian Cancer Society Challenge Grant (*"Nanoparticle enabled photodynamic therapy and fluorescence guided surgery for treatment of oral cavity cancer"*) that commenced in January of this year (2022). During 2022/23, the first imaging safety studies were successfully completed in cats, with the group now focusing on monotherapy and adjuvant PDT treatment of cats and dogs with oral cavity cancers.
- With funding from a Raymond Ng & Wendy Chui Innovation Award (U ofT OHNS), the team continued development of an *"AI-enabled 3D Fluorescence Imaging System for Head and Neck Surgery"*. This past year, key progress included development of a novel mathematical model for tumour shape used to train a deep convolutional neural network, assembly of an improved hardware device to support translational studies, and system evaluation in animal models using porphysome fluorescent nanoparticles.
- Dr. Mandolin Bartling continued research from her PGY2 research block on the project *"Clinical Oral Cancer Tumour Models for AI-Enabled 3D Fluorescence Imaging"*. This past year provided validation of the AI algorithms in simulations based on real patient cases, and initial results in lab models based on 3D printing. Dr. Bartling presented the preliminary results of this study in April at Percy Ireland Day and in July as a podium presentation at the 2023 AHNS 11th International Conference on Head and Neck Cancer in Montreal. Mandolin's work is now being supported through a Harry Barberian Scholarship Award and a Dr. Ian Witterick Research Award (U ofT OHNS), to build on these initial findings through additional model testing.

- Training the next generation of biomedical engineers and medical physicists through co-op placements in GTx-LAB. This past year, four students (Natalie Won, Josephine La Macchia, Anjola Adewale, and Jerry Wan) made valuable contributions to the 3D fluorescence project including software programming, hardware prototyping and lab experiments. This resulted in multiple presentations at external conferences including the OPTICA Biophotonics Congress, Imaging Network Ontario Symposium, and Toronto Biomedical Engineering Conference.
- The international collaboration with the Universities of Padua and Brescia, part of the GTx International Scholars Program, continued this past year with fellows Drs. Alessandra Ruaro and Tiziana Mondello training and working on various research projects at UHN. This collaboration continues to focus on methods of reconstruction, including use of stem cells and scaffolds for mandible defects. Alessandra presented a research update as an invited speaker at the 2023 AHNS 11th International Conference on Head and Neck Cancer in Montreal. Additionally, PIs from Toronto, Brescia and Padua met together in person this year to present research and discuss research plans moving forward at international meetings in Milan and Montreal.
- The GTx-OR2 at Mount Sinai this year has been successfully utilized by Drs. Jay Wunder and Peter Ferguson in the surgical treatment of osteosarcoma cases, supported by the GTx-developed navigation technology operated by members of the GTx Program. Furthermore, the surgical and technical teams have worked together to further refine the navigation workflow and developed new tools to help improve consistency. Exploratory work is also being done on the value of 3D printed models of patient anatomy to assist with pre-operative and intra-operative planning of complex surgical cases. This work has been supported by the Strobele Family Guided Therapeutics (GTx) Research Fund.
- The GTx-Lab provided multiple tours of the research facilities, including hosting PMC Foundation tours, UHN STEM Pathways educational outreach and clinical and research visitor tours.
- Fellowships: 1) Sharon Tzelnick and Esmat Najjar successfully completed 1 year as GTx research fellows and 2) Alessandra Ruaro, the 5th GTx-Italy research fellow, successfully completed her fellowship in December 2022 and has returned to the University of Padua. Tiziana Mondello has joined the GTx team from Brescia as of May 2023.

Rhinology

Rhinology Research, St. Michael's Hospital

John Lee, Yvonne Chan

2022-2023 marked an incredibly productive year for rhinology research activities at St. Michael's Hospital, Unity Health Toronto. Between scientific oral presentations at national and international meetings (9 total) as well as published manuscripts (9 total), SMH continues to demonstrate both consistency and meaningful productivity in the realm of academic rhinology. These achievements would not be possible without the incredible work of our trainees who are the foundation of what we do. Additionally, I would like to extend my personal thanks to the Dunin Foundation for their continued support of my rhinology research activities.



Highlights Scientific Presentations:

International

- 2023 May 4 The benefits and risks of non-steroidal anti-inflammatory drugs for postoperative analgesia in sinonasal surgery: a systematic review and meta-analysis. American Rhinologic Society Spring Meeting, COSM, Boston, MA, United States. Presenter(s): Lee D, Grose E, Brenna CTA, Philteos J, Lightfoot D, Kirubalingam K, Chan Y, Palmer JN, Adappa ND, Lee JM.
- 2023 May 4 Levels of nasal nitric oxide and nitric oxide synthase expression in chronic rhinosinusitis with nasal polyposis. American Rhinologic Society Spring Meeting, COSM, Boston, MA, United States. Presenter(s): Wu V, Cusimano, M, Marsden, P, Lee, JM.
- 2022 Oct 2 Chronic Rhinosinusitis Mouse Model. American Rhinologic Society Annual Meeting, Los Angeles, CA, United States. Presenter(s): Lee JJW, Hamour A, Monteiro E, Lee JM, Vescan A.

National

- 2022 Oct 3 Cryoablation for the treatment of chronic rhinitis: a systematic review. Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting. Presenter(s): Desai V, Sampieri G, Namavarian A, Lee JM.
- 2022 Oct 3 Quantifying Surgical Completeness in Patients with Aspirin Exacerbated Respiratory Disease. Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting. Presenter(s): Levin M, Chan Y, Sommer D, Thamboo A, Lee JM.
- 2022 Oct 3 Real-World Clinical Outcomes of Dupilumab in Patients with Chronic Rhinosinusitis with Nasal Polyps: A Canadian Perspective. Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting. Presenter(s): Grose E, Li A, Lee JM.
- 2022 Oct 2 Automation and Optimization of Radiological Interpretation of Chronic Rhinosinusitis on Paranasal Sinus Computed Tomography ("Deep Sinus CT"). Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting Poliquin Resident Competition. Presenter(s): Wang L, Lee D, Lee JM.

Local

- 2023 April 28 Olfactory Outcomes following Endoscopic Sinus Surgery for Chronic Rhinosinusitis with Nasal Polyposis. Department of Otolaryngology-Head & Neck Surgery, Percy Ireland Day, Toronto, Ontario, Canada. Presenter(s): Grose E, Chan Y, Lee JM.
- 2023 April 28 Assessing the Use of Patient-Reported Outcome Measures in the Routine Clinical Care of Chronic Rhinosinusitis Patients. Department of Otolaryngology-Head & Neck Surgery, Percy Ireland Day, Toronto, Ontario, Canada. Presenter(s): Shin B, Lee D, Lee JM, Chan Y.

Publications:

- Samargandy S, Grose E, Yip J, Lee JM. Endoscopic sinus surgery outcomes in patients with chronic rhinosinusitis and immunoglobulin deficiencies. *J Otolaryngol Head Neck Surg*. 2023 Jun 29;52(1):43. doi: 10.1186/s40463-023-00648-3.
- Panara K, Grose E, Lee DJ, Safadi J, Douglas JE, Kohanski MA, Palmer JN, Lee JM, Adappa ND, Bosso JV. Readability and quality analysis of patient education materials in aspirin-exacerbated respiratory disease. *Int Forum Allergy Rhinol*. 2023 Jun 26. doi: 10.1002/alr.23218. Epub ahead of print. PMID: 37365855.
- Desai V, Sampieri G, Namavarian A, Lee JM. Cryoablation for the treatment of chronic rhinitis: a systematic review. *J Otolaryngol Head Neck Surg*. 2023 Apr 29;52(1):37. doi: 10.1186/s40463-023-00645-6. PMID: 37120607; PMCID: PMC10148426.
- Yu S, Grose E, Lee DJ, Wu V, Pellarin M, Lee JM. Evaluation of inverted papilloma recurrence rates and factors associated recurrence after endoscopic surgical resection: a retrospective review. *J Otolaryngol Head Neck Surg*. 2023 Apr 27;52(1):34. doi: 10.1186/s40463-023-00638-5. PMID: 37106391; PMCID: PMC10134596.
- Hamour AF, Lee JJ, Wasilewski E, Monteiro E, Lee JM, Vescan A, Kotra LP. Murine model for chronic rhinosinusitis: an interventional study. *J Otolaryngol Head Neck Surg*. 2023 Apr 25;52(1):32. doi: 10.1186/s40463-023-00637-6. PMID: 37098626; PMCID: PMC10131485.

6. Thamboo AV, Lee M, Bhutani M, Chan C, Chan Y, Chapman KR, Chin CJ, Connors L, Dorscheid D, Ellis AK, Gall RM, Godbout K, Janjua A, Javer A, Kilty S, Kim H, Kirkpatrick G, Lee JM, Leigh R, Lemiere C, Monteiro E, Neighbour H, Keith PK, Philteos G, Quirt J, Rotenberg B, Ruiz JC, Scott JR, Sommer DD, Sowerby L, Tewfik M, Wasserman S, Witterick I, Wright ED, Yamashita C, Desrosiers M. Canadian multidisciplinary expert consensus on the use of biologics in upper airways: a Delphi study. *J Otolaryngol Head Neck Surg*. 2023 Apr 24;52(1):30. doi: 10.1186/s40463-023-00626-9. PMID: 37095527; PMCID: PMC10127402.
7. Grose E, Li AY, Lee JM. Clinical outcomes of dupilumab therapy in chronic rhinosinusitis with nasal polyps in a Canadian tertiary care rhinology practice. *Allergy Asthma Clin Immunol*. 2023 Mar 30;19(1):26. doi: 10.1186/s13223-023-00782-7. PMID: 36998065; PMCID: PMC10061739.
8. Lee DJ, Grose E, Brenna CTA, Philteos J, Lightfoot D, Kirubalingam K, Chan Y, Palmer JN, Adappa ND, Lee JM. The benefits and risks of non-steroidal anti-inflammatory drugs for postoperative analgesia in sinonasal surgery: a systematic review and meta-analysis. *Int Forum Allergy Rhinol*. 2023 Feb 10. doi: 10.1002/alr.23140. Epub ahead of print. PMID: 36762711.
9. Hamour AF, Laliberte F, Padhye V, Monteiro E, Agid R, Lee JM, Witterick IJ, Vescan AD. Development of a management protocol for internal carotid artery injury during endoscopic surgery: a modified Delphi method and single-center multidisciplinary working group. *J Otolaryngol Head Neck Surg*. 2022 Jul 28;51(1):30. doi: 10.1186/s40463-022-00582-w. PMID: 35902904; PMCID: PMC9331087.

Goals for the coming year

- Continue to leverage the large clinical volume of rhinology care that is delivered at SMH to answer important research questions in our field
- Continue to foster the collaborative multidisciplinary research that occurs with the divisions of neurosurgery, allergy & immunology, respirology as well as our translational research partners at the Li Ka Shing Knowledge Institute
- Improve multi-institutional research in rhinology across the entire department at the University of Toronto

Voice and Upper Airway

Pediatric Airway and Head & Neck Research

Nikolaus Wolter, Evan Propst, Jennifer Siu

The Paediatric Airway and Head & Neck Research Laboratory at the Hospital for Sick Children has been involved in a variety of projects involving the pediatric airway, head and neck, ranging from basic science to educational research. We have continued our work investigating pediatric disorders of the head and neck ranging from airway and esophageal foreign bodies to tonsillectomy and open airway surgery. Our work in esophageal button battery impactions has expanded from literature reports to basic science work developing new methods to dispose of and coat button batteries to prevent harm. Drs. Jake Wihlidal and Elysia Grose have been looking at household agents that could be used to coat button batteries and limit burns. After multiple iterations, they have narrowed down the number of agents using a hot dog model and this will be moving to a porcine esophageal model soon. Through a collaboration with the department of Engineering, our graduate student Daniel Mul has developed a novel hydrogel that is currently being tested in an ex-vivo porcine model. In a review of 680 esophageal foreign bodies performed by Tanya Chen, we identified that dangerous foreign bodies such as button batteries are particularly problematic in populations of children of lower socioeconomic status. We have also started an outreach program and are currently working with the Toronto District School Board to develop teaching opportunities aimed at prevention. Following our very successful public knowledge survey regarding button batteries, we have started two similar studies looking at public knowledge regarding the age of introduction of solid foods in infants (led by Alex Treble) as well as how to manage other dangerous foreign bodies (led by Dr. Nicole Crimi). The results of these will be presented at upcoming meetings such as the American Society of Pediatric Otolaryngology and the Canadian Society of Otolaryngology-Head & Neck Surgery.

Painful procedures early in life are known to have long term repercussions in children. We have recently completed a multicenter, prospective trial examining the impact of parental mental health on postoperative pain control in our most vulnerable patients undergoing tonsillectomy and adenoidectomy. This work involved collaboration with multiple community sites providing opportunities for our community partners to take part in research pursuits. We are currently in the analysis phase and hope to present our findings at the upcoming CSOHNS meeting. We are also starting to study pain in infants undergoing flexible nasolaryngoscopy. We have just completed a prospective, randomized blinded pilot study on the use of sucrose to mitigate pain in infants undergoing flexible nasolaryngoscopy. Our results will be presented at this year's ASPO. This study will now become a randomized, placebo controlled trial using objective measures, such as skin conductance, to better quantify infant pain.

Our ongoing work in endoscopic and open airway surgery has led to a review of COVID-Croup compared with croup prior to COVID-19, which was led by Dr. Elysia Grose, with incredible contributions from Drs. Brian Shin, Anne-Sophie Prevost, Vincent Wu, Tal Honigman, Sheila Yu, and Jonah Gorodensky. This work was presented at ASPO and will soon be submitted for publication. We have also developed a novel technique for endoscopic suture closure of H-type tracheoesophageal fistulae, which was recently presented at the 11th Annual Meeting of the Aerodigestive Society, and has been submitted for publication in *The Laryngoscope*. We have also re-examined the classic Meyer-Cotton subglottic stenosis grading system to account for the different manufacturers of endotracheal tubes, which can significantly alter airway sizing in children. Our publication has garnered quite a bit of attention and is scheduled to be incorporated into an international

airway app developed at an outside institution.

Highlights

- Jennifer Siu was hired as a new part of the airway/head and neck team
- Dr. Propst was promoted to full professor at the University of Toronto
- Tanya Chen won the Canadian Society of Otolaryngology-Head & Neck Surgery Poliquin Resident Research Award
- Earlier this year we developed an esophageal foreign body removal simulation session for residents rotating through our site

Goals for the coming year

- Dr. Siu will continue to integrate into the team and develop her interests in aerodigestive surgery as well as artificial intelligence
- Restart Toronto Airway Course

Voice and Upper Airway Laboratory, St. Michael's Hospital

Jennifer Anderson & R. Jun Lin

The Voice team at St. Michael's Hospital now includes three speech language pathologists who are participating in teaching and research: Marta De Luca, Janine Fitzpatrick and Taylor Strande. Two full time laryngologists are Dr. Jun Lin and Dr. Jennifer Anderson with two part time laryngologists Dr. Taryn Davids and Dr. Tulika Shinghal.

Education has been multidisciplinary with graduate students from speech language pathology and vocal pedagogy students from the Faculty of Music participating in several student placements, lab visits and lectures. A collaborative research project between the speech pathology and laryngology was published on Voice Feminization listed below. A new project, led by Taylor Strande as principal investigator, is under REB review on "The Impact of Voice Disorders on Sexual Wellbeing".

Dr. Lin and Dr. Anderson were active nationally and internationally presenting original research or as invited panellists at various conferences including the CSO-HNS, Fall Voice (San Francisco), COSM (Boston), ELS (Milan, It), and the International Association of Phonosurgery (Kyoto, Japan).

Ongoing work includes a randomized control study on in-office laser treatment of respiratory papilloma, national study on transcriptomic changes in subglottic stenosis (Dr. Lin, Co-PI) and prospective study on high resolution manometry in RCPD patients.

The laryngology fellow from Singapore is Dr Huixin Hu is involved in two projects; one on Environmental Sustainability in Laryngology procedures and the second is a retrospective study on subglottic stenosis clinical management with Drs. Anderson and Davids.

The laryngology team had a total of 7 publications in the year 2022-2023 with some highlighted below.

Highlights

- 2023 Apr Principal Investigator, Dr. Lin: Microbiome Profile in iSGS, Department Research Award, Bryan Coburn, \$25,000
- Merrick G, Figol A, Anderson J, Lin RJ. Outcomes of Voice Feminization Training: A Comparison of Group and Individual Training Modules. JSLHR. 2022. 65(2): 501-507. DOI: 10.1044/2021_JSLHR-21-00056
- Ramazani F, Wright E, Randall D, Lin RJ, Jeffrey C. Developing an Objective Structured Assessment of Technical Skills (OSATS) for Microlaryngoscopy. Laryngoscope 2023 Feb 23. PMID: 36815598 DOI: 10.1002/lary.30610
- Environmental Sustainability: Waste Audit Comparison Operating Room and In-Office Laryngeal Surgery. Anderson J and Huixin Hu. Aug 2023, Laryngoscope <http://doi.org/10.1002/lary.31005>

Goals for the coming year

- Completion of “Retrograde Cricopharyngeus Dysfunction: prospective study on outcome post Botox injection and HRES” (N> 100)
- Adjuvant ILSI for Subglottic stenosis, effect on clinical treatment (N= 82)
- Completion of ‘Comparison of transcriptomic changes in idiopathic subglottic stenosis and normal respiratory mucosa using High Throughput RNA sequencing’ (Dr. Nichols -UWO and Dr. Lin co PI, Dr. Anderson Co-Investigator)



Dr. Anderson with three former fellows in ELS Milan. Dr. Baksh (Saudi Arabia,) Dr. Besserer (Mexico) and Dr. Premsuda Sombuntham (Thailand)

Quality and Safety Research

Sinai Health

Joel Davies, Eric Monteiro, Ian Witterick

Our primary focus this past year was on improving turnaround time (TAT) on pathology reports to facilitate timely initiation of postoperative radiation. This project was initially started as a broader study through the American Head and Neck Society Value and Quality of Care Service. We created a real-time pathology database that is updated weekly with time sensitive head and neck oncology cases that is accessible to our entire pathology team (including pathology assistants). With this database, we can provide the pathology team with the information they need to prioritize cases appropriately. There was a significant improvement in TAT with this quality initiative (pre-intervention TAT: 35 days vs postintervention TAT: 26 days). This did translate into an improvement in time to radiation (Pre-intervention: 62 days vs Post-intervention: 46 days). The preliminary results of this presentation were presented at our local Percy Ireland Academic Day (Dr. Chantal Li) and our final results have been submitted as an abstract for the upcoming combined AHNS/COSM meeting. A manuscript has also been initiated and we hope to have it submitted in the coming year.

A second project which was a collaboration between the Medical Device Reprocessing Department (MDRD) and the Sinai Health Otolaryngology-Head & Neck Surgery group, involved decreasing the risk of aerosolization in medical device reprocessing. New techniques (ultrasonic cleaning) were developed for reprocessing surgical instrumentation (ie. DaVinci robotic and endoscopic instrumentation). Preliminary results demonstrate minimal aerosol generation and decreased particle production.

Highlights

- American Head and Neck Society Value and Quality of Care Service initiative (improving time to initiation of postoperative radiation)
- Awarded a Science of Care research grant for “Worker risk from ultrasonicator aerosolization in medical device reprocessing”

Goals for the coming year

- Presentation of results of “Improving Time to Post-operative Radiation Therapy in Head and Neck Oncology: An Institutional Perspective” at AHNS/COSM meeting
- Submission of manuscript “Improving Time to Post-operative Radiation Therapy in Head and Neck Oncology: An Institutional Perspective”
- Complete study on use of ultrasonic cleaning in MDRD

Humanitarian Outreach

Humanitarian Outreach

Face the Future™ Foundation

Peter Adamson, OOnt, MD, FRCSC, FACS
President and Founder

Overview

Face the Future Foundation was founded in 1996 with a vision to reduce the surgical burden of patients in developing or war-torn countries through life-saving transformative facial reconstructive surgery and education. This is achieved through the development of highly selected teams of expert surgeons, nurses, anesthesiologists and other healthcare providers to meet the needs as determined by the host country.

Surgical missions of 8 to 10 days focus on complex surgeries and education through symposia, rounds, hands-on training, and virtual teaching to build capacity and enhance sustainability in global health care.

In academic 2022–2023, there were five missions in total, these representing 51 missions in 27 years.

In January 2023, plastic surgeon and former fellow of Dr. Adamson, Dr. Jeremy Warner of Chicago, acted as Mission Director for our second 10-member team to the Kirtipur Cleft and Burn Hospital in Kathmandu, Nepal. Over 80 patients were consulted upon and treated for head and neck congenital, traumatic, post-ablative, and facial nerve reconstructive procedures. Upper extremity deformities and injuries in childhood and adults were assessed and surgically reconstructed, and physiotherapy programs instituted. A major focus was on the Intensive Care Unit of the 65-bed burn unit to manage acute care and improve morbidity and mortality. Teaching rounds were held daily, and hands-on training was provided in the operating room.



L to R: Dr. Peter Adamson, President and Founder Face the Future Foundation and Chef de Mission, Dr. Buddha Basnyat, Honorary Consul of Canada, Kathmandu, Nepal; Dr. Jeremy Warner, Mission Director.



L to R: Dr. Jeremy Warner, Chicago, Illinois and Dr. Neil Salyapongse, Madison, Wisconsin, performing microsurgical facial nerve reanimation at the Kirtipur Hospital, Kathmandu.



L to R: Dr. Jeremy Warner, Mission Director; Prof. Shankar Rai, Chief of Plastic Surgery and Director, Kirtipur Cleft and Burn Hospital, Kathmandu, Nepal, Dr. Peter Adamson, Chef de Mission.

Dr. Andres Gantous, Head of our Division of FPRS, was our Mission Director for a new mission to the Rwanda Military Hospital (a public hospital) in Kigali. This Toronto team of six provided detailed instruction in rib graft nasal reconstruction for 11 cleft lip and nose patients. Local junior surgeons acted as primary surgeons, guided by Dr. Gantous and his team. Academic presentations supplemented the practical training.



Dr. Andres Gantous, Mission Director, (centre) leading consultations on Patient Intake Day, with Dr. Charles Furaha, Chief of Plastic Surgery, Military Hospital, to his left



Dr. Andres Gantous, Mission Director, sharing his knowledge with the surgical residents at the Rwanda Military Hospital

In March 2023, Face the Future mounted its most challenging mission ever, sending a 13-member team to Ivano-Frankivsk, Ukraine to treat soldiers and civilians with severe head and neck war injuries. The team was led by Professor Anthony Brisset of Houston and consisted of two facial plastic surgeons, and a head and neck, oculoplastic and plastic surgeon – this eclectic expertise was needed to manage the pan-facial, skull and neck injuries being treated. 112 procedures were completed in 31 patients, with several to be returning for further reconstruction. Many patients required bone, cartilage or patient-specific implants for structural skeletal support. This was followed by procedures including local and regional flaps, periorbital, perioral and nasal reconstruction for absent tissue, scar revision, and facial nerve reanimation. 200 surgeons and nurses attended our International Symposium on War Injuries and 590 surgeons viewed surgeries live-streamed from the operating room.



Prof. Anthony Brissett, Facial Plastic Surgeon, Mission Director, Houston, TX demonstrating typical patient planning for patient specific implants



Dr. Peter Adamson, Chef de Mission, centre, with Ukrainian soldiers, some pre operative and some immediately postoperative, in the Ivano-Frankivsk Regional Hospital

The mission was selected by CNN International for a documentary, this resulting in major media exposure in Ukraine, Canada, and internationally.

Our final mission included a five-member Toronto team of OMFS surgeons, led by Dr. Marco Caminiti, to the Tikur Anbessa (Black Lion) Hospital in Addis Ababa, Ethiopia. Their work and teaching focused on congenital, traumatic and post-ablative management of oral and maxillofacial conditions, most of them severe and complex. The Foundation enjoys a productive working relationship with the Toronto Addis Ababa Academic Collaboration (TAAAC) for this mission.



L to R: Dr. Peter Adamson, FPRS, Chef de Mission; Dr. Karl Cuddy, OMFS, Toronto; Dr. Surafel Adula, Ethiopian colleague; Dr. Marco Caminiti, OMFS, Mission Director, Toronto; JD Cyr, Anesthesiologist, Toronto



Face the Future team members and Ethiopian colleagues sharing lunch

Highlights

- 4 major missions to Nepal, Rwanda, Ukraine, and Ethiopia, representing 51 missions since 1996
- Nepal Mission well established, with spectrum of cases and teaching expanding
- Well-established surgical foundation in Kigali now allowing more annual missions focusing on very specific procedures and advanced local training
- Ukraine mission demanding but very successful and rewarding. The need is great and presents a generational challenge for surgical treatment and education
- Ethiopia mission firmly established with good relationship with TAAAC
- Chrysalis fundraising event a success in reaching new supporters

Goals 2023-24

- Increase number of missions to seven, two each to Nepal, Ukraine, and Rwanda, and one to Ethiopia (6 of 7 already confirmed)
- Continue to explore potential new mission sites in Accra, Ghana, La Paz, Bolivia, and Maputo, Mozambique
- Continue to transform individual mission goals, personnel and structure to meet the evolving needs of our host countries

- Continue to delegate responsibilities and authority from Dr. Adamson as Chef de Mission and Mission Director roles to new Mission Directors to ensure long-term stability and viability for Face the Future Foundation
- Seek additional sources of funding to meet increasing financial needs to support more, and more complex, missions

Ear Camps

Ambrose Lee, MD MSc, CCFP(EM), FCFP, FRCSC

Cambodia

Dr. Ambrose Lee spent two days at the Chey Chumneas Hospital and two days at the Preah Andong Hospital in Phnom Penh.

Of the surgeries conducted, 13 were tympanoplasties, 2 hemithyroidectomy, 2 modified radical mastoidectomy as well as an examination of the ear under anesthesia (core, bilateral), a biopsy of lesion of external ear, and a myringotomy and grommet (and bilateral).



Zanzibar

Dr. Ambrose Lee completed an ear camp at the Mnazi Mmoja Hospital in Zanzibar, Tanzania from December 5-8, 2022.

Numbers were a bit lower because students are still studying for exams and therefore not willing to come out to have surgeries.

Despite this, Dr. Lee did some challenging cases:

- Massive retrosternal goiter without having to split the sternum. Not easy for a community otologist
- 20 cm thyroic colloid cyst
- Cholesteatoma eroding through the mastoid cortex in a 9-year-old. No facial palsy afterwards



Sioux Lookout

Vincent Lin, MD, FRCSC & Eric Monteiro, MD, MSc, FRCSC

This fall Drs. Lin and Monteiro continued their semi-annual trips to Sioux Lookout to continue providing care to the most northern reserves in Ontario. Drs. Li and Sampieri (residents) joined them and together they assessed over 250 patients and performed approximately 12 cases including septorhinoplasty, endoscopic tympanoplasty, functional endoscopic sinus surgery and tonsillectomy. At the end of the busy week, we even hiked up Sioux Mountain for a breathtaking view of the region.



Canadian Ukraine Surgical Aid Program

Danny Enepekides, MD, FRCSC, MPH & Kevin Higgins, MD, FRCSC

Drs. Danny Enepekides and Kevin Higgins joined the Canadian Ukraine Surgical Aid Program on a mission to Czeldaz, Poland, from November 24 to December 4, 2022. A 42 member team including plastic surgeons, orthopedic surgeons, anesthesiologists, intensivists, hospitalists, ward nurses, PACU nurses, ICU nurses, and logistical staff provided critical care to military and civilian casualties of the conflict in Ukraine. The head and neck team performed very needed complex microvascular and craniofacial reconstructions. The mission was a resounding success. The team is scheduled to return in March 2023.





Publications

BOOK CHAPTERS

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Adamson PA, Forward IN: Comprehensive Rhinoplasty: Structural and Preservation Concepts. Ed. Most S, Pub. Quality Medical Publishers (QMP), Elkhart, IN, Published April 2023.

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Eskander A et al. Otolaryngology-Head and Neck Surgery. IN: Erickson A and Parker J, editors. Toronto Notes 2023 – Comprehensive Medical Reference & Review for MCCQE, 39th edition. Toronto (Canada): Toronto Notes for Medical Students Inc. 2023.

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Presentations

Visiting Professorships and Invited Lectures

INTERNATIONAL MEETINGS

ARGENTINA

PAPSIN, B

- 2023 Jun Invited Faculty. Perimodiolar Electrode Superiority: Why are we Still Debating This? VIth Course of the Pan American Association of Otolaryngology, Buenos Aires, Argentina.
- 2023 Jun Invited Faculty. Infant Implantation: A Career's Contribution in 2 Numbers. VIth Course of the Pan American Association of Otolaryngology, Buenos Aires, Argentina.
- 2023 Jun Invited Faculty. Osia® Bone Conduction Aids: Implants in Younger Children. VIth Course of the Pan American Association of Otolaryngology, Buenos Aires, Argentina.
- 2023 Jun Keynote Speaker. Hearing Loss and It's Restoration; Cochlear Implantation as Viewed Through the Lens of Kuhn's Scientific Revolutions. Technosalud Scientific Day, Buenos Aires, Argentina.

AUSTRALIA

BRADLEY, G

- 2023 Sept Invited Speaker. Gingival Swellings. 2023 FDI & Australian Dental Association Congress, Sydney, Australia.
- 2023 Sep Invited Speaker. Pediatric Jaw Lesions. 2023 FDI & Australian Dental Association Congress, Sydney, Australia.

DABDOUB, A

- 2022 Keynote Speaker. Focused Ultrasound as a Novel Strategy for Non-invasive Gene Delivery to the Inner Ear. Australian Auditory Neuroscience Meeting. Melbourne, Australia.

BRASIL

GANTOUS, A

- 2023 Apr Invited Faculty. Dorsal Grafts: Which and When. The Science & Art of Facial Makeover, Brasilia, Brazil.
- 2023 Apr Invited Faculty. What I Do When My Facelift Doesn't Deliver the Desired Result. The Science & Art of Facial Makeover, Brasilia, Brazil.

INTERNATIONAL MEETINGS (continued)**BULGARIA****CHAN, Y**

2023 Jun Panellist. Complications in Sinus and Skull Base Surgery. 29th Congress of European Rhinologic Society, 40th Congress of the International Society of Inflammation and Allergy of the Nose (ISIAN) and 22nd Congress of the International Rhinologic Society (IRS) meeting. Sofia, Bulgaria.

CAYMAN ISLANDS**ASARIA, J**

2023 Jan Session Moderator Practice Management. 7th Biennial Facial Plastic Surgery Update. Grand Cayman, Cayman Islands.

2023 Jan Invited Speaker. Optimizing Periorbital Aesthetics with Volume Replacement - Fat Grafting and Hyaluronic Acid. 7th Biennial Facial Plastic Surgery Update. Grand Cayman, Cayman Islands.

2023 Jan Invited Speaker. Dorsal Augmentation Techniques in Rhinoplasty. 7th Biennial Facial Plastic Surgery Update. Grand Cayman, Cayman Islands.

2023 Jan Panel Moderator. Practical Considerations in Rhinoplasty Practice. 7th Biennial Facial Plastic Surgery Update. Grand Cayman, Cayman Islands.

CANADA (International Meetings in Canada)**QUEBEC****ESKANDER, A**

2023 Jul Invited Presenter. Instructional Course 16: The Scapula Flap – Midface Defect Reconstruction. AHNS International Meeting. Montreal, QC.

2023 Jul Invited Panelist. Multidisciplinary Session: Advanced and/or Aggressive Thyroid Cancer - "New Hopes for Patients with Historically Limited Options". AHNS International Meeting. Montreal, QC.

HIGGINS, K

2023 Jul Conference: Intraoperative Oral Cavity Ultrasound Assessment Project. American Head and Neck Society International Conference on Head and Neck Cancer. Montreal, QC.

CHILE**CHEN, J**

2022 Nov International Guest Speaker. 1) Acoustic neuroma-lessons learned 2) Stapedotomy-tips / pitfalls 3) Approaches in middle ear reconstruction-OCR 4) Active Bone Conduction implants-indications and limitations. 78th Otolaryngology Congress, Vina del Mar, Chile.

INTERNATIONAL MEETINGS (continued)

DABDOUB, A

2022 Invited Speaker. Primary Auditory Neuron Regeneration: Novel Delivery and Therapeutic Strategies. CORLAS, Santiago, Chile.

ENEPEKIDES, D

2022 Aug Keynote Speaker. Salvage Surgery for Locally Recurrent Oropharynx Cancer. National Winter Head and Neck Oncology Meeting of the Chilean Society of Otolaryngology-Head and Neck Surgery. Santiago, Chile.

LIN, V

2023 Mar Guest Instructor. 1st Temporal Bone Course, Department of Otolaryngology – Head & Neck Surgery, University of Santiago. Santiago, Chile.

2023 Mar Invited Speaker. Cochlear Implantation: Future Molecular Treatments. XII Jornadas Internacionales de Otolgia y Audiologia. Santiago, Chile.

2023 Mar Invited Speaker. Updates on Bone Conduction Implants. XII Jornadas Internacionales de Otolgia y Audiologia. Santiago, Chile.

2023 Mar Invited Speaker. Middle Cranial Fossa Approach: Tips and Pearls. XII Jornadas Internacionales de Otolgia y Audiologia. Santiago, Chile.

2023 Mar Invited Speaker. Stapedotomy: Lessons Learned. XII Jornadas Internacionales de Otolgia y Audiologia. Santiago, Chile.

INDIA

GORDON, K

2022 Nov Invited Speaker. 1) Neurodevelopmental urgency for bilateral hearing, 2) Cochlear Implantation in Children with Residual Hearing, Cochlear Implant Group of India National Conference, New Delhi, India.

ITALY

ANDERSON, J

2023 Jun Invited Speaker. Abnormal HRES Pre and Post Botox Treatment for RCPD. European Laryngology Society meeting. Milan, Italy.

CAMPISI, P

2023 Jun Invited Speaker. Head and Neck Neoplasms in the Pediatric Age. 7th World Congress of the International Federation of Head & Neck Oncologic Societies. Rome, Italy.

2023 May Invited Speaker. Tracheostomy in Children: Tips and Tricks. 4th Course on Surgical Innovations and New Technologies in Obstructive Sleep Apnea and Snoring in the Era of Precision Medicine. Campus Bio-Medico, University of Rome. Rome, Italy.

INTERNATIONAL MEETINGS (continued)**ENEPEKIDES, D**

2023 Jun Invited Speaker. Reconstruction Post-pharyngolaryngectomy. International Federation of Head and Neck Oncologic Societies. Rome, Italy.

HIGGINS, K

2023 Jun Panellist. Head & Neck Reconstructive Surgery. International Federation of Head and Neck Oncologic Societies. Rome, Italy.

IRISH, J

2022 Oct Keynote Speaker/Guest of Honour. Implementation of Quality Performance in a Health Care System: A 20-year Experience. Confederation of the European Otorhinolaryngology-Head and Neck Surgery Societies. Milan, Italy

MARTINO, R

2022 Nov Invited Speaker. Dysphagia Assessment: Videofluoroscopy. Confederation of the European Otorhinolaryngology-Head and Neck Surgery Societies 2022, Milan, Italy.

WITTERICK, I

2023 Jun 1) Panel Moderator. Skull Base Surgery: Master of HNS Video Session, 2) Panellist. Tumor Board Head and Neck Sarcoma, 3) Panellist. Head and Neck Sarcoma, 4) Invited Speaker. Endoscopic and Endoscopic and Open Options for Repair of Anterior Skull Base Defects Salivary Tumors. 7th World Congress of the International Federation of Head and Neck Oncologic Societies, Rome, Italy.

2022 Oct 1) Invited Speaker. Who Shall Treat Inverted Papilloma and What is Required? 2) Invited Speaker. What is the Optimal Outcome After Endoscopic Sinus Surgery in the Treatment of Chronic Rhinosinusitis? 3) Invited Speaker. Decision-Making in Skull-Base Cancer Cases – Squamous Cell Carcinoma, 4) Invited Speaker. Preop Consent and Principles of Surgical Technique in Revision Surgery, 5) Moderator. Septal Perforation from Diagnosis to Treatment Options. 6th Annual Meeting of the Confederation of Otorhinolaryngology-Head & Neck Surgery, Milan, Italy.

JAPAN**ANDERSON, J**

2022 Oct Invited Speaker. Anxiety and Depression in RCPD patients. International Association of Phonosurgery. Kyoto, Japan.

2022 Oct HRES Abnormalities in RCPD. International Association of Phonosurgery. Kyoto, Japan.

ESKANDER, A

2023 Jul Invited Presenter. Digital Medicine - Symptom Screening Predicts Emergency Department and Unplanned Hospitalization in Patients with Head and Neck Cancer. MASCC/JASCC/ISOO 2023 Annual Meeting. Nara, Japan.

JAMES, A

2022 Dec Keynote Lecture. Endoscopic Ear Surgery for Beginners – Tips and Hints. 11th Hands on Seminar in Endoscopic Ear Surgery. Yamagata, Japan.

INTERNATIONAL MEETINGS (continued)

2022 Dec	Invited Speaker. Pediatric Cholesteatoma Surgery in Toronto. Jichi Medical University, Utsonomiya, Japan.
2022 Dec	Invited Speaker. Endoscopic Cholesteatoma Surgery. 35th Annual Meeting Japan Society for Endoscopic Surgery. Nagoya, Japan.
2022 Dec	Invited Speaker. CT and/or MRI for pediatric cholesteatoma? 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.
2022 Dec	Invited Speaker. Endoscopic Ear Surgery for Beginners – Tips and Hints. 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.
2022 Dec	Panellist. Mastoid Cholesteatoma: Endoscopic or Obliteration Surgery? 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.
2022 Dec	Panellist. Technologies for Bone Removal in Congenital Ossicular Fixation. 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.
2022 Dec	Moderator & Panellist. Endoscopic Ear Surgery in Infants and Very Young Children. 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.
2022 Dec	Moderator & Panellist. Research Forum: Future Directions for Collaborative Research in TEES. 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.
2022 Dec	Moderator & Panellist. Staging Cholesteatoma: Can it Guide Treatment or Predict Outcome? 4th World Congress in Endoscopic Ear Surgery, Kyoto, Japan.

JORDAN

YAO, C

2022 Sept	Invited Speaker: Modern surgical approaches and minimizing early recurrences in oral cavity cancers. Mini-Head and Neck Symposium. King Husein Cancer Center, Jordan.
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MEXICO

IRISH, J

2023 Apr	Keynote Speaker. Nanoparticle Theranostics in Head and Neck Cancer: The Future of Surgery. Veterinary Cancer Society Collaborative Conference 2023. Cancun, Mexico.
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NAPAL

ADAMSON, P

2023 Jan	Invited Speaker. Nasal Analysis and Surgical Planning for Rhinoplasty. Kirtipur Cleft and Burn Center, Face the Future Teaching Series, Kathmandu, Nepal.
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INTERNATIONAL MEETINGS (continued)**NETHERLAND****CHAN, Y**

2023 Jun Panellist. Lessons from Different Disease Areas. GSK Nexus International, Amsterdam, Netherlands.

GANTOUS, A

2022 Oct Teacher of Honour. Challenges of the Long Nose, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands.

2022 Oct Teacher of Honour. Rhinoplasty Panel – Difficult Cases, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands. October 19-21, 2022.

2022 Oct Teacher of Honour. Live Surgery, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands.

2022 Oct Teacher of Honour. Rhinoplasty Cadaver Dissection Instructor, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands.

2022 Oct Teacher of Honour. My Approach to Revision Rhinoplasty, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands.

2022 Oct Teacher of Honour. Lecture of Honour – Reconstructing the Catastrophic Dorsal Deformity: From Trauma to Granulomatosis, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands.

2022 Oct Teacher of Honour. Workshop Otoplasty – Auricular Deformities, Cadaver Dissection, 31st International Course in Advanced Rhinoplasty Techniques, Utrecht, Netherlands.

GORDON, K

2023 May Invited Speaker. Sustainability of Cochlear Implant Care: The Role of Virtual Visits from a Canadian Pediatric Cochlear Implant Centre, European Society of Pediatric Cochlear Implantation, Rotterdam, the Netherlands.

2023 May Invited Speaker. Unilateral Deprivation in Children is Not a “Minimal” Hearing Loss: Evidence from Measures of Brain Plasticity, University of Groningen, Groningen, the Netherlands.

OMAN**RUTKA, J**

2022 Sept Invited Speaker. Translabyrinthine Temporal Bone Surgery. Sultan Qaboos University. Endoscopic and Microscopic Temporal Bone Course. Muscat, Sultanate of Oman.

2022 Sept Invited Speaker. Canal Occlusion Surgery for Neurotologic Disorders. Sultan Qaboos University. Endoscopic and Microscopic Temporal Bone Course. Muscat, Sultanate of Oman.

INTERNATIONAL MEETINGS (continued)

- 2022 Sept Invited Speaker. Tumours of the CPA and Lateral Skull Base. 23rd Oman Otolaryngology, Head & Neck Audiology Conference. Muscat, Oman.
- 2022 Sept Invited Speaker. Management of Cholesteatoma: New Advances, Time Trends and Future Concerns. 23rd Oman Otolaryngology, Head & Neck Audiology Conference. Muscat, Oman.
- 2022 Sept Invited Speaker. Endoscopic vs Microscopic Ear Surgery – Panel Discussion. 23rd Oman Otolaryngology, Head & Neck Audiology Conference. Muscat, Oman.

RWANDA

ADAMSON, P

- 2023 Feb Invited Speaker. Nasal Analysis and Surgical Planning for Rhinoplasty. Face the Future Teaching Series, Rwanda Military Hospital, Kigali, Rwanda.

SAUDI ARABIA

WOLTER, N

- 2022 Oct Invited Speaker. Seek and Destroy: Understanding and Eradicating Esophageal Button Battery Injuries in Children. King Abdulaziz Univeristy Pediatric OHNS International Rounds. Jeddah, Saudi Arabia.

SERBIA

LEE, A

- 2023 Mar Invited Speaker. Cochrane Review on Meniere's Disease. Vertigo Academy International. Belgrade, Serbia.
- 2023 Mar Invited Speaker. Dizziness in the Emergency Department. Vertigo Academy International. Belgrade, Serbia.

SOUTH KOREA

CAMPISI, P

- 2023 Mar Invited Speaker. Novel adjuvant therapies: Is it time to rethink the strategy for treatment? 7th Asia-Pacific Pediatric Airway Conference. Incheon, South Korea.
- 2023 Mar Invited Speaker. Fetal intervention: The next frontier in pediatric airway intervention. 7th Asia-Pacific Pediatric Airway Conference. Incheon, South Korea.

SPAIN

GANTOUS, A

- 2022 Nov Invited International Faculty. Rhinoplasty: Personal Technique, II Congreso Nacional de la Sociedad Española de Cirugía Plástica Facial, Cordoba, Spain.

INTERNATIONAL MEETINGS (continued)

- 2022 Nov Invited International Faculty. Nostril and Alar Base Surgery, II Congreso Nacional de la Sociedad Española de Cirugía Plástica Facial, Cordoba, Spain.
- 2022 Nov Invited International Faculty. Otoplasty: Personal Technique, II Congreso Nacional de la Sociedad Española de Cirugía Plástica Facial, Cordoba, Spain.

TAIWAN**KOLENDA, J**

- 2023 May Invited Speaker. How to Build your Confidence and have Happy Patients – The Safest Facial Regions to Inject as New Injectors. Aesthetics & Anti-aging Medicine World Congress Asia. Taipei, Taiwan.
- 2023 May Invited Speaker. Best Treatment Path for Nose Patients, Surgical or Injectable? Simple and Safe HA Injection Techniques for Nose with Cannula. Aesthetics & Anti-aging Medicine World Congress Asia. Taipei, Taiwan.

UKRAINE**ADAMSON, P**

- 2023 Mar Symposium Chairman. 1) Essential Concepts in Facial Scar Revision, 2) Refinement Techniques in Nasal Tip Reconstruction, 3) Face the Future Foundation Surgical Missions. Face the Future Foundation Teaching Series, as part of the First International Symposium on Reconstruction of Head and Neck War Injuries, Ivano-Frankivsk Regional Hospital, Ivano-Frankivsk, Ukraine (Non-accredited CME course for Ukrainian surgeons organized for one day course of 8 hours which included six North American and two Ukrainian surgeons)

UNITED KINGDOM**ASARIA, J**

- 2022 Nov Invited Speaker. The Role of Volume Augmentation with Fat Grafting and Fat Transposition in Lower Blepharoplasty. Global Aesthetics Conference, Miami, FL.
- 2022 Nov Invited Speaker. Evolution of Dorsal Augmentation in Rhinoplasty. Global Aesthetics Conference, Miami, FL.
- 2022 Nov Invited Speaker. Full-face Approach to Facial Injectables. Global Aesthetics Conference, Miami, FL.

CHAN, Y

- 2023 Jun Moderator. Meet the Professor with Dr. Ashok Shaha. 6th World Congress on Thyroid Cancer. London, United Kingdom.
- 2022 Nov Invited Speaker. Tips and Tricks for Successful Revision Sinus Surgery. 1st UK/EU Frontal Sinus Masterclass, Slough, United Kingdom.

INTERNATIONAL MEETINGS (continued)

FREEMAN, J

- 2023 Jun Moderator. 1) Meet the Professors: Jeremy Freeman & Daniel Rocke, 2) Ultrasound for Diagnosis and Treatment of Thyroid Disease, 3) Video Session, 4) Video Session - World Congress on Thyroid Cancer. World Congress on Thyroid Cancer, London, UK.
- 2023 Jun Panellist. 1) Management of Advanced Differentiated Thyroid Cancer: 2023, 2) (Instructional Course) Postoperative Management of an Elevated Tg. World Congress on Thyroid Cancer, London, UK.
- 2023 Jun Invited Speaker. WCTC Closing Remarks Ceremony. World Congress on Thyroid Cancer, London, UK.

GORDON, K

- 2023 May Invited Speaker. Outcomes of Cochlear Implantation in Children with Short Durations of Single Sided Deafness, Conference of the European Society of Pediatric Otolaryngology, Liverpool, UK.
- 2023 Mar Invited Edith Whetnall Lecturer. The Importance of Early Intervention for Hearing Loss in Children, Royal Society Meeting, Otology Section, London, UK.

JAMES, A

- 2023 May Invited Speaker. Endoscopic Mastoid Surgery. 16th Congress of European Society of Pediatric Otolaryngology. Liverpool, UK.
- 2023 May Panellist. Retraction Pockets: Not to Operate. 16th Congress of European Society of Pediatric Otolaryngology. Liverpool, UK.
- 2023 May Moderator. Challenges in Endoscopic Ear Surgery. 16th Congress of European Society of Pediatric Otolaryngology. Liverpool, UK.

PROPST, E

- 2023 May Invited Speaker. 3D Printed Model as a Training Tool. European Society of Pediatric Otorhinolaryngology. Liverpool, England.
- 2022 Nov Invited Speaker. Code Airway and Emergency Front of Neck Access: Why we suggest entering the trachea for emergency front-of-neck airway access. SickKids 19th Annual Paediatric Emergency Medicine Conference. The Digital Conference. International audience of greater than 300 people.

RUTKA, J

- 2022 Oct Invited Speaker. When Things go Wrong in Otologic Surgery. 63rd Annual Meeting of the Irish Otorhinolaryngology/Head & Neck Society Meeting. Belfast, UK Sir William Wilde Invited Discourser.
- 2022 Oct Sir William Wilde Discourse. The Irony of Being Oscar. The Life and Death of Oscar Wilde. 63rd Annual Meeting of the Irish Otorhinolaryngology/Head & Neck Society Meeting. Belfast, UK Sir William Wilde Invited Discourser.
- 2022 Oct Invited Speaker. Skull Base/Neurotologic Panel Discussion. 63rd Annual Meeting of the Irish Otorhinolaryngology/Head & Neck Society Meeting. Belfast, UK Sir William Wilde Invited Discourser.

INTERNATIONAL MEETINGS (continued)**WITTERICK, I**

2023 Jun 1) Demonstrator. Ultrasound and Radiofrequency Ablation Courses, 2) Panel Co-Moderator. Genetics & Genomics of Thyroid Cancer: Translational Science Transforming Care, 3) Lecturer. Surgery for Poorly Differentiated Thyroid Carcinoma, 4) Panellist. Surgical Masters Panel, 5) Panellist. Post-Operative Management of Thyroid Cancer, 6) Panellist. Hurthle Cell Thyroid Carcinoma: New Insights, New Approaches. World Congress on Thyroid Cancer. London, UK.

UNITED ARAB EMIRATES**CHAN, Y**

2023 May Invited Speaker. Inferior Turbinoplasty: State of the Art. 18th Annual Meeting of the Middle East Academy of Otolaryngology – Head & Neck Surgery, Dubai, United Arab Emirates.

2023 May Panellist. Optimizing the Surgical Field in Endoscopic Sinus Surgery. 18th Annual Meeting of the Middle East Academy of Otolaryngology – Head & Neck Surgery, Dubai, United Arab Emirates.

2023 May Invited Speaker. Primary Endoscopic Sinus Surgery: Technical Tips for Successful Outcome. 18th Annual Meeting of the Middle East Academy of Otolaryngology – Head & Neck Surgery, Dubai, United Arab Emirates.

2023 May Panellist. How to Manage the Case of Recalcitrant Chronic Rhinosinusitis. 18th Annual Meeting of the Middle East Academy of Otolaryngology – Head & Neck Surgery, Dubai, United Arab Emirates.

2023 Jan Invited Speaker. How I Do IT: Inferior Turbinoplasty. International Federation of ORL Societies (IFOS) Dubai ENT World Congress 2023, Dubai, United Arab Emirates.

2023 Jan Panellist. Surgical Management of the Rhinitis Patient. International Federation of ORL Societies (IFOS) Dubai ENT World Congress 2023, Dubai, United Arab Emirates.

2023 Jan Moderator. Women in Otolaryngology Panel Discussion: Cultural Complications. International Federation of ORL Societies (IFOS) Dubai ENT World Congress 2023, Dubai, United Arab Emirates.

DE ALMEIDA, J

2023 Jan Moderator. Unknown Primary Head and Neck Cancers. IFOS Meeting. Dubai, United Arab Emirates.

2023 Jan Invited Speaker. Transoral Robotic Lingual Tonsillectomy to Manage Unknown Primary Head and Neck Cancers. IFOS Meeting. Dubai, United Arab Emirates.

2023 Jan Panellist. Surgical Management of Early Glottic Cancers. IFOS Meeting. Dubai, United Arab Emirates.

2023 Jan Invited Speaker. Quality of Life of Endoscopic vs. Open Approaches for Cranial Base Tumors. IFOS Meeting. Dubai, United Arab Emirates.

2023 Jan Panel Moderator. Management of the Neck in Oropharyngeal Cancer. IFOS Meeting. Dubai, United Arab Emirates.

INTERNATIONAL MEETINGS (continued)

2023 Jan Invited Speaker. Lymphatic Mapping for Management of the Contralateral Neck in Oropharyngeal Cancer. IFOS Meeting. Dubai, United Arab Emirates.

RUTKA, J

2023 Jan Invited Speaker. Systemic and Topical Ototoxicity. International Federation of Otolaryngologic Societies (IFOS) Dubai ENT World Congress. Dubai, UAE.

2023 Jan Invited Speaker. Semicircular Canal Based Surgery. International Federation of Otolaryngologic Societies (IFOS) Dubai ENT World Congress. Dubai, UAE.

2023 Jan Invited Speaker. Giving Back: The Delivery of Ear Care to the Remote Communities of the World. Challenges and changes I have seen in my lifetime. International Federation of Otolaryngologic Societies (IFOS) Dubai ENT World Congress. Dubai, UAE.

WOLTER, N

2023 Jan Invited Speaker. Chronic Rhinosinusitis in Children with Cystic Fibrosis. International Federation of ORL Societies ENT World Congress 2023, Dubai, UAE.

2023 Jan Moderator. Subglottic Stenosis in Children. International Federation of ORL Societies (IFOS) ENT World Congress 2023, Dubai, UAE.

2023 Jan Invited Speaker. Tonsillectomy in Vulnerable Patients. International Federation of ORL Societies (IFOS) ENT World Congress 2023, Dubai, UAE.

2023 Jan Invited Speaker. Diagnostic Work-Up of Thyroid Lesions in Children. International Federation of ORL Societies (IFOS) ENT World Congress 2023, Dubai, UAE.

2023 Jan Moderator. Fetal and Congenital Neck Masses Round Table. International Federation of ORL Societies (IFOS) ENT World Congress 2023, Dubai, UAE.

UNITED STATES

ANDERSON, J

2023 May Delayed Hypersensitivity to Silastic after Medialisation Thyroplasty. COSM, Boston, MA.

CAMPISI, P

2023 Apr Invited Speaker. Recurrent respiratory papillomatosis: Evidence of the beneficial effects of HPV vaccination on reducing the incidence and prevalence in high and low resource countries. 35th International Papillomavirus Conference. Washington, DC.

CHAN, Y

2022 Sept Panellist. Mucocoeles and Their Myriad of Presentations. American Academy of Otolaryngology-Head Neck Surgery 126th Annual Meeting, Philadelphia, PA.

INTERNATIONAL MEETINGS (continued)

2022 Sept Panellist. Revision FESS: Current Paradigms to Optimize Revision Sinus Surgery. American Academy of Otolaryngology-Head and Neck Surgery 126th Annual Meeting, Philadelphia, PA.

2022 Sept Panellist. How to Catch a Runny Nose. American Academy of Otolaryngology- Head and Neck Surgery 126th Annual Meeting, Philadelphia, PA.

DABDOUB, A

2023 Invited Speaker. Evidence of Repair and Regeneration in the Adult Human Utricle. Past and Future Hearing Research Symposium. University of Southern California, Los Angeles, CA.

2023 Invited Speaker. Using Ultrasound to Deliver Therapeutics to the Inner Ear. Hearing Science Seminar. Case Western Reserve University. Cleveland, OH.

2022 Invited Speaker. The Blood-labyrinth Barrier and Using Focused Ultrasound to Modulate it. Department of Otorhinolaryngology, University of Maryland, School of Medicine, College Park, MD.

2022 Invited Speaker. The Stria Vascularis and the Blood-labyrinth Barrier. Distinguished Lecture Series. MBL/University of Chicago, Chicago, IL.

2022 Invited Speaker. Novel Therapeutics and Delivery Strategies for primary auditory Neuron Degeneration. Hearing, Balance, and Chemical Senses seminar series. Kresge Hearing Research Institute. University of Michigan, Ann Arbor, MI.

DE ALMEIDA, J

2023 Jan Invited Speaker. SELECT Trial: SPECT-Guided Management of the Contralateral Neck in Oropharyngeal Cancer: A Phase III RCT. Head and Neck General Meeting. NRG Oncology Winter Meeting. Orlando, FL.

2023 Jan Participant. Clinical Trials Planning Meeting for Immunocompromised Patients with Advanced Cutaneous Squamous Cell Carcinoma. National Cancer Institute. Rockport, MD.

2022 Dec Panellist. Oropharyngeal Cancer I. Case Discussions. Moderator: Chris Holsinger. Panelists: Bhisham Chera, Daniel Ma, John de Almeida, Uma Duvvuri, Nabil Saba, Sandeep Samant. Multidisciplinary Head and Neck Symposium. Lurie Cancer Center, Northwestern School of Medicine. Chicago, IL.

2022 Dec Panellist. Oropharyngeal Cancer II. Case Discussions. Moderator: Jason Newman. Panelists: Barbara Burtneiss, John de Almeida, Jochen Lorch, Eric Nesbit, Sidharth Puram, Wade Thorstad. Multidisciplinary Head and Neck Symposium. Lurie Cancer Center, Northwestern School of Medicine. Chicago IL.

2022 Dec Panellist. Unknown Primary. Case Discussions. Moderator: Urjeet Patel. Panelists: Borislav Alexiev, Barbara Burtneiss, John de Almeida, Uma Duvvuri, Chris Holsinger, Wade Thorstad. Multidisciplinary Head and Neck Symposium. Lurie Cancer Center, Northwestern School of Medicine. Chicago IL.

2022 Dec Invited Speaker. FIND Trial: Finding and Identifying Primary Oropharyngeal Cancers in Patients with Neck Disease, a Phase 2 Trial. Multidisciplinary Head and Neck Symposium. Lurie Cancer Center, Northwestern School of Medicine. Chicago IL.

INTERNATIONAL MEETINGS (continued)

2022 Dec Invited Speaker. Management of the contralateral neck in oropharyngeal cancer. Multidisciplinary Head and Neck Symposium. Lurie Cancer Center, Northwestern School of Medicine. Chicago IL.

ENEPEKIDES, D

2023 Apr Guest Professor. Global Outreach: Personal Experience and a Vision for the Future. Department of Otolaryngology-Head and Neck Surgery. University of Pennsylvania, Philadelphia, PA.

2022 Dec Guest Professor. Global Outreach: Personal Experience and a Vision for the Future. Memorial Sloan Kettering Cancer Center, New York, NY.

ESKANDER, A

2022 Sept Invited Panelist. HPV, is it in your DNA? Head and Neck Cancer Updates for the General Otolaryngologist. AAO-HNSF 2022 Annual Meeting & OTO Experience. Philadelphia, PA.

GANTOUS, A

2023 Apr Invited Faculty. When Should You Use a Dorsal Graft in Rhinoplasty. Advances in Rhinoplasty and Facial Rejuvenation, American Academy of Facial Plastic and Reconstructive Surgery Meeting. San Diego, CA.

2023 Apr Panellist. Why I Don't Do Preservation Rhinoplasty, All the Time. Advances in Rhinoplasty and Facial Rejuvenation, American Academy of Facial Plastic and Reconstructive Surgery Meeting. San Diego, CA.

2023 Apr Invited Faculty. Panel – Revision Rhinoplasty – Long Term Outcomes. Advances in Rhinoplasty and Facial Rejuvenation, American Academy of Facial Plastic and Reconstructive Surgery Meeting. San Diego, CA.

2023 Apr Invited Faculty. Panel Moderator – The Dorsum in Thin Skin Patients. Advances in Rhinoplasty and Facial Rejuvenation, American Academy of Facial Plastic and Reconstructive Surgery Meeting. San Diego, CA.

2022 Sept Invited Faculty. Surgical Scar Revision. 10th Biannual Facial Plastic Reconstruction Course. Department of Otolaryngology-HNS, Rutgers Medical School, Newark, NJ.

GORDON, K

2023 Jun Invited Speaker. Cochlear Symposium, Early Cochlear Implantation in Children: When is early? American Cochlear Implant Alliance conference, Dallas, TX.

2023 May Invited Speaker. Non-auditory Processing of Cochlear Implant Stimulation After Unilateral Auditory Deprivation in Children, Conference of the Acoustical Society of America, Chicago, IL.

2023 May Invited Speaker. Perception of Emotional Music by Children with Cochlear Implants Reveals Developmental Plasticity, Conference of the Acoustical Society of America, Chicago, IL.

2023 Feb Invited Speaker. Unilateral Deprivation in Children is Not a “Minimal” Hearing Loss: Evidence from Measures of Brain Plasticity, Symposium: Brain Plasticity in Deafness, Conference of the Association for Research in Otolaryngology, Orlando, FL.

INTERNATIONAL MEETINGS (continued)

- 2022 Jul Invited Speaker. Hearing Without Vision and Vision Without Hearing, Gordon Research Conference: Auditory System, Bryant University, Smithfield, RI.
- IRISH, J**
- 2022 Aug Keynote Speaker. Survivorship Programs in a Health Care System: How Do You Do It? Survivorship after Cancer of the Head and Neck: A Multidisciplinary Symposium. UPMC. Pittsburgh, PA.
- 2022 Aug Moderator. Panel on Established Survivorship Programs. Survivorship after Cancer of the Head and Neck: A Multidisciplinary Symposium. UPMC. Pittsburgh, PA.
- LE, T**
- 2023 Jun Invited Speaker. The Role of Gene Expression Profiles in Cochlear Implant Performance Outcomes. CI 2023, Dallas, TX
- 2023 Jan Invited Speaker. Magnetic Targeting of Gadolinium Contrast to Enhance Magnetic Resonance Imaging of the Inner Ear in an Endolymphatic Hydrops Mouse Model. Triological Combined Section Meeting, Coronado, CA.
- LEE, J**
- 2022 Sept Invited Guest Faculty and Speaker. Endoscopic Medial Maxillectomy and Surgery of the Pterygopalatine Fossa. Penn International Rhinology and Skull Base Surgery Course. Philadelphia, PA.
- 2022 Sept Invited Guest Faculty and Speaker. Peri-Operative Care: Stents and Spacers and Outcomes Following Endoscopic Sinus Surgery. Penn International Rhinology and Skull Base Surgery Course. Philadelphia, PA.
- LIN, RJ**
- 2023 Mar Invited Faculty: Lifelong Learning in Laryngology: What Have I Done Differently After Fellowship? Three Rivers Otolaryngology Update. Department of OHNS, University of Pittsburgh Medical Center. Pittsburgh, PA.
- 2023 Mar Invited Panellist: Laryngeal Leukoplakia. Three Rivers Otolaryngology Update. Department of OHNS, University of Pittsburgh Medical Center. Pittsburgh, PA.
- LIN, V**
- 2023 May Invited Speaker. Cochlear Implant Performance: The Role of Gene Expression Profiles in Performance Outcomes. CI2023 Cochlear Implants in Children and Adults. Dallas, TX.
- 2023 May Invited Speaker. Differences in Neural Correlates of Auditory Working Memory Between Cochlear Implant Users and Normal Hearing Controls. CI2023 Cochlear Implants in Children and Adults. Dallas, TX.
- 2023 May Invited Speaker. Spatial Listening in CI Users with Single-Sided Deafness: Brain and Behavioural Measures of Listening Effort. CI2023 Cochlear Implants in Children and Adults. Dallas, TX

INTERNATIONAL MEETINGS (continued)

2023 May Invited Speaker. Spatial Attention Ability is Positively Correlated to Quality of Life in Cochlear Implant Users. CI2023 Cochlear Implants in Children and Adults. Dallas, TX.

MARTINO, R

2023 Mar Invited Speaker. Patient and Caregiver Panel. World Dysphagia Summit, San Francisco, CA.

2023 Mar Invited Speaker. Introduction to Team Science and Transdisciplinary Approaches: How to Move Our Field Forward. World Dysphagia Summit, San Francisco, CA.

2022 Nov Invited Speaker. Master Class: Advancing Swallowing Rehabilitation in the HNC: From the Research Lab to the Clinic. American Speech-Language and Hearing Association, New Orleans, LA.

2022 Aug Invited Speaker. Care of the dysphagic head and neck cancer patient: Patient reports and instrumental testing. Survivorship after cancer of the Head and Neck: A Multidisciplinary Symposium. University of Pittsburgh, Pittsburgh, PA.

2022 Aug Invited Speaker. Management of the symptoms and treatment-related effects after therapy. Survivorship after cancer of the Head and Neck: A Multidisciplinary Symposium. University of Pittsburgh, Pittsburgh, PA.

2022 Aug Invited Speaker. Established survivorship programs. Survivorship after cancer of the Head and Neck: A Multidisciplinary Symposium. University of Pittsburgh, Pittsburgh, PA.

PROPST, E

2022 Oct Invited Speaker. Operative Management of Pediatric Obstructive Sleep Apnea. Quad Conference 2022. Cincinnati, OH.

2022 Sept Invited Speaker. Pediatric anatomy and physiology of OSA: Not little adults. 2022 International Surgical Sleep Society (ISSS) Annual Meeting. Philadelphia, PA.

RIVAL, R

2022 Jul Invited Speaker: Preservation Rhinoplasty. Vegas Cosmetic Surgery Meeting, Las Vegas NV.

WITTERICK, I

2023 Feb Moderator. Clivus/CPA/Cavernous Sinus. 32nd Annual Meeting of the North American Skull Base Society. Tampa, FL.

2023 Feb Moderator. Lateral Skull Base Surgery/Meningiomas. 32nd Annual Meeting of the North American Skull Base Society. Tampa, FL.

VIRTUAL

CAMPISI, P

2023 Jun Invited Speaker. Voice Disorders in Children. Department of Otolaryngology, University of Sao Paulo Medical School. Sao Paulo, Brazil (Virtual).

INTERNATIONAL MEETINGS (continued)

- 2023 May Invited Speaker. Tracheostomy in Children. Department of Otolaryngology, University of Sao Paulo Medical School. Sao Paulo, Brazil (Virtual).
- DAVIES, J**
2023 Jan Invited Speaker. Perioperative Mortality Risk in Patients Undergoing Transoral Robotic Surgery for T1-T2 Oropharyngeal Squamous Cell Carcinoma: A National Cancer Database Study. 12th International Robotic Surgery Symposium, Seoul, Korea. (Virtual)
- ESKANDER, A**
2022 Oct Invited Speaker. Symposium 4: Safety and Functional Outcomes of TORS - Perioperative Mortality Risk in Patients Undergoing Transoral Robotic Surgery for T1-T2 Oropharyngeal Squamous Cell Carcinoma: A National Cancer Database Study. 12th International Robotic Surgery Symposium (Virtual).
- 2022 Jul Invited Presenter. Patient-Reported Symptom Burden, Emergency Department Use and Unplanned Hospitalization in Head and Neck Cancer: A Methods Approach to Improving Cancer Care in Ontario. Ontario Health – Cancer Care Ontario (Virtual).
- FREEMAN, J**
2022 Oct Faculty. 1) Balkan & Black Sea (BBS) at the WCTC: Thyroid Cancer Working Group, 2) WCTC 2022 Summation and Closing Remarks. World Congress on Thyroid Cancer Tumour Board. (Virtual)
- GORDON, K**
2023 Feb Invited Speaker. The Importance of Early Intervention in Children with Hearing Loss. Consequences for Neural and Functional Development, All India Institute of Speech and Hearing Conference (Virtual).
- GOULDING, G**
2023 Mar Invited Speaker. Pediatric Cochlear Implantation at The Hospital for Sick Children. York University, Teacher of the Deaf & Hard of Hearing Program, Toronto, ON.
- 2022 Oct Invited Speaker. SickKids CI Program. IHP Tri-Region, Toronto, ON (Virtual).
- JAMES, A**
2023 Apr Invited Speaker. Ten Top Tips: The Mastoid in Pediatric Cholesteatoma. Ears Kids 2023. Porto Alegre, Brazil (Virtual).
- 2023 Feb Panellist. Improving Outcomes in Pediatric Cholesteatoma. British Academic Conference in Otolaryngology, Birmingham, UK (Virtual).
- 2023 Jan Panellist. Challenges in Endoscopic Ear Surgery. Glasgow Endoscopic Ear Surgery Course. Glasgow, UK (Virtual).
- 2022 Nov Invited Speaker. Residual Cholesteatoma in Children: Prevention and Detection. Egyptian ORL Society Annual Conference. Alexandria, Egypt (Virtual).

INTERNATIONAL MEETINGS (continued)

MARTINO, R

2023 Mar Invited Speaker. Clinical Swallow Evaluation: Entry and Exit. Dysphagia Conclave 2023. (Virtual)

2022 Nov Invited Speaker. Dysphagia in Patients with Head and Neck Cancer: How Testing Informs Therapy. Mexican Society of Dysphagia, Mexico. (Virtual)

PAPSIN, B

2022 Oct Invited Speaker. The Importance of Neuroradiology for Surgical Treatment of Neonatal Hearing Loss. 2022 Derek Harwood-Nash Virtual Symposium: Fetal & Perinatal MR Imaging- Status Quo and Future Perspective. Toronto ON. (Virtual)

WITTERICK, I

2023 Feb 1 Panellist. Sinonasal & Skull Base Malignancies, American Head and Neck Society Fellows' Tumor Board (Virtual).

NATIONAL MEETINGS

BRITISH COLUMBIA

CHAN, Y

2022 Oct Invited Speaker and Panel Moderator. Cultural Complications in Medicine. Women in Otolaryngology Section, Canadian Society of Otolaryngology 76th Meeting, Vancouver, BC.

2022 Oct Panellist. Endoscopic Sinus Surgery Post-operative Care. Canadian Society of Otolaryngology 76th Meeting, Vancouver, BC.

2022 Oct Invited Speaker. Starting a Practice in Otolaryngology. Canadian Society of Otolaryngology 76th Meeting, Vancouver, BC.

2022 Oct Moderator. Upper Airway Airtime: East Meets West an Interactive Exchange in CRSwNP Topics. Canadian Society of Otolaryngology 76th Meeting, Vancouver, BC.

DIMITRIJEVIC, A

2022 Oct Invited Speaker: Neural Correlates of Speech Auditory Streaming in CI Users are Related to Everyday Listening Experiences. Society for Psychophysiology Research, Vancouver, BC.

ENEPEKIDES, D

2022 Oct Invited Panellist. Maxillary Reconstruction – Obturator, soft tissue, or osseous reconstruction & VSP. 76th Annual Meeting of the Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

ESKANDER, A

2022 Nov Invited Speaker. Learning from the Experts – Academic vs Community Practice. Canadian Society of Otolaryngology – Head and Neck Surgery. Vancouver, BC.

NATIONAL MEETINGS (continued)

2022 Nov Moderator. Head & Neck Surgery Papers - Session 2. Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

GORDON, K

2022 Sept Invited Speaker. Can Bilateral Cochlear Implants Help Children with Hearing Loss Comprehend Speech in Noise More Easily? Symposium 2.2: Speech-in-noise Comprehension Through Lifespan: New Advances from Cognitive Neuroscience, 60th Anniversary Annual Meeting of the Society for Psychophysiological Research, Vancouver, BC.

LIN, RJ

2023 Mar Invited Faculty: Laryngotracheal stenosis in adults. Resident Academic Half-Day, University of British Columbia, Vancouver, BC.

2023 Mar Invited Faculty: Pursuing the Holy Grail: How Close Have We Come to Finding a Cure in Laryngotracheal Stenosis? Division of OHNS Grand Rounds, University of British Columbia, Vancouver, Canada.

2022 Oct Panel Moderator: Intubationless techniques for laryngeal surgery: Transnasal Rapid Insufflation Ventilatory Exchange. 76th Annual Meeting of Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

LIN, V

2022 Oct Assessing Ototoxicity of Ceftazidime, Vancomycin and Clotrimazole Topical Application in Rat Middle and Inner Ear: A Safety Study. Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

2022 Oct Antibiotic Prescribing Patterns in Otologic Surgery: A Comparison of Two Health Systems. Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

2022 Oct Guiding Bone Conduction Implantation with Augmented Reality. Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

2022 Oct Trends in Sociodemographic Disparities of Adult Cochlear Implantation in a Publicly-funded Healthcare System Over a 5-Year Period. Canadian Society of Otolaryngology-Head & Neck Surgery. Vancouver, BC.

WOLTER, N

2022 Oct Invited Speaker & Co-Lead. Addressing Challenging Aerodigestive Foreign Bodies. Canadian Society of Otolaryngology-Head and Neck Surgery 76th Annual Meeting. Vancouver, BC.

2022 Oct Moderator. Pediatric OHNS paper session. Canadian Society of Otolaryngology-Head and Neck Surgery 76th Annual Meeting. Vancouver, BC.

YAO, C

2022 Oct Panel Member: HN11 SPECT-CT Guided Elective Contralateral Neck Treatment in Lateralized Oropharyngeal Cancer, a Phase 3 RCT. Canadian Society of Otolaryngology Head and Neck Surgery, 76th Annual Meeting. Vancouver, BC. Christopher MKL Yao, Doug Chepeha, Ali Hosni, Mirko Kolarski, Michael Au, John R de Almeida.

NATIONAL MEETINGS (continued)

MANITOBA

LEE, J

2023 May Visiting Professor and Invited Speaker. Finding and Minding the Gaps: A Look Back at My Journey in Academic Rhinology. Department of Otolaryngology-Head & Neck Surgery David Brodsky Resident Research Day, University of Manitoba, Winnipeg, MB.

2023 May Visiting Professor and Invited Speaker. Endoscopic Sinus Surgery: An Evidence Based Approach, Department of Otolaryngology-Head & Neck Surgery Grand Rounds, University of Manitoba, Winnipeg, MB.

NATIONAL MEETINGS IN ONTARIO

ONTARIO

LIN, V

2023 Sept 3D Robotic Exoscopic Surgical Platform Versus the Traditional Microscope in Temporal Bone and Skull Base Surgery: A Feasibility Study. Canadian Society of Otolaryngology - Head & Neck Surgery. Toronto, ON.

2023 Sept Assessing Ototoxicity of Ceftazidime, Vancomycin, and Clotrimazole Topical Application in Rat Middle and Inner Ear: A Safety Study. Canadian Society of Otolaryngology - Head & Neck Surgery. Toronto, ON.

2023 Sept Balloon Dilation of The Eustachian Tube Using Local Anesthesia – A Case Series and Systemic Literature Review. Canadian Society of Otolaryngology-Head & Neck Surgery. Toronto, ON.

QUEBEC

BRANDT, M

2023 May Invited Speaker. Scar Revision. Annual McGill Facial Plastic & Reconstructive Surgery Course. Montreal, QC.

2023 May Invited Speaker. Local Flaps in Facial Reconstruction. Annual McGill Facial Plastic & Reconstructive Surgery Course. Montreal, QC.

JAMES, A

2022 Oct Invited Speaker & Panel Discussion. Endoscopic Ear Surgery: Making Progress. 26th McNally Memorial Lecture. McGill University, Montreal, ON.

RIVAL, R

2023 May Invited Speaker: Rhinoplasty. McGill Facial Plastic Surgery Update, Montreal QC.

NATIONAL MEETINGS (continued)**SASKATCHEWAN****CHAN, Y**

2022 Dec Invited Speaker. An Update in the Management of Chronic Rhinosinusitis. Wall Street ENT Group Meeting. Saskatoon, SK.

VIRTUAL**BRANDT, M**

2023 May Invited Speaker. Facial Trauma for the Otolaryngologist-Head & Neck Surgeon. Annual Otolaryngology-Head & Neck Surgery Review Course. Calgary, AB (Virtual).

2023 May Invited Speaker. Rhinoplasty: the basics for the Royal College examination. Annual Otolaryngology-Head & Neck Surgery Review Course. Calgary, AB (Virtual).

2023 May Invited Speaker. Aesthetic Facial Plastic Surgery: The Basics for the Royal College Exam. Annual Otolaryngology-Head & Neck Surgery Review Course. Calgary, AB (Virtual).

2023 May Invited Speaker. Preparing for the Royal College Oral Examination in Facial Plastic & Reconstructive Surgery. Annual Otolaryngology-Head & Neck Surgery Review Course. Virtual. Calgary, AB (Virtual).

CHAN, Y

2023 Feb Invited Speaker. Discrimination, Harassment, and Intimidation Amongst Otolaryngology – Head & Neck Surgeons in Canada. Journal of Otolaryngology – Head & Neck Surgery Podcast. Canadian Society of Otolaryngology (Virtual).

PROVINCIAL/LOCAL MEETINGS**ASARIA, J**

2023 Mar Invited Speaker. Contemporary Approaches to Facial Rejuvenation Surgery: Facelift, Browlift, Blepharoplasty, and Fat Grafting. Grand Rounds, Department of Oral and Maxillofacial Surgery, University of Toronto.

2022 Sep Invited Speaker. Contemporary Approaches to Facial Rejuvenation Surgery: Facelift, Browlift, Blepharoplasty, and Fat Grafting. Grand Rounds, Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

2023 Oct Moderator. Otolaryngology and Respiriology and Perspectives on Dupixent. Toronto, ON.

BRADLEY, G

2022 Oct Invited Speaker. Update on Oral Cancer and Precursor Lesions. Toronto Central Dental Society, Toronto, ON.

PROVINCIAL/LOCAL MEETINGS (continued)

CAMPISI, P

2023 Apr Invited Speaker. The Otoscopic Examination. Nurse Practitioner Program, University of Toronto, Toronto, ON.

2022 Nov Invited Speaker. Pediatric Laryngology and Voice Disorders. Graduate Voice Pedagogy Course, Faculty of Music, University of Toronto, Toronto, ON.

CHAN, Y

2023 Apr Invited Speaker. Department of Otolaryngology Interdepartmental Achievement Report. Medical Advisory Council, Unity Health, Virtual.

2023 Mar Moderator. Case-Based Discussion: Cultural Complications. University of Toronto Department of Otolaryngology – Head & Neck Surgery Grand Rounds. Virtual.

2023 Mar Invited Speaker. An Update in the Management of Chronic Rhinosinusitis: An Otolaryngologist's Perspective. Division of Allergy & Immunology, McMaster University. Virtual.

2023 Feb Moderator. Guidelines: Use of Biologics in the Management of Upper Airway Disease from a Multidisciplinary Perspective. Toronto, Ontario.

2023 Feb Invited Speaker. Memories Crested – Nasal Polyps Disease Awareness. Arta Gallery, Toronto, Ontario.

2023 Feb Invited Speaker. How to Set up a Practice and Billing 101. Transition to Practice Series University of Toronto PGY-5 Seminars. Toronto, Ontario.

2023 Jan Invited Speaker. Surgical Management of Rhinitis. Division of Clinical Immunology and Allergy Rounds, St. Michael's Hospital. Toronto, Ontario.

2023 Jan Invited Speaker. MAM Doc Talks: Ophthalmology, ENT. University of Toronto Mississauga Academy of Medicine. Virtual.

2022 Nov Moderator. Upper Airway AIRTIME: East Meets West, An Interactive Exchange on CRSwNP Topics. University of Toronto Department of Otolaryngology – Head & Neck Surgery Grand Rounds. Virtual.

2022 Nov Invited Speaker. Treating Type 2 Inflammation with Biologics: Upper Airway Cases. Women in Allergy Meeting. Toronto, Ontario.

2022 Oct Invited Speaker. What's New in Chronic Rhinosinusitis. Mississauga Joint Journal Club with Allergists, Otolaryngologists, and Respiriologists. Mississauga, Ontario

2022 Sep Invited Speaker. Diversity and Discrimination in Otolaryngology – Head & Neck Surgery. Western University Grand Rounds. Virtual.

2022 Sep Invited Speaker. OHIP Billing 101. Western University Residency Teaching Session. Virtual.

PROVINCIAL/LOCAL MEETINGS (continued)**CUSHING, S**

2022 Nov Invited Speaker. Sleep Endoscopy – A Key Tool for Sleep Medicine Collaboration. Pediatric Sleep Day, Toronto, ON.

ESKANDER, A

2023 May Invited Speaker. HPV and Head & Neck Cancer. Primary Care Oncology Day. Mississauga Halton Central West Regional Cancer Program. Brampton, ON.

2023 Apr Invited Speaker. The Impact of the COVID-19 pandemic on our Cancer System. Evaluative Clinical Sciences Rounds. Sunnybrook Research Institute & ICES. Toronto, ON.

2023 Jan Invited Speaker. Epistaxis and Sensorineural Hearing Loss. CEPD Rounds. Sunnybrook Health Sciences Centre. Toronto, ON.

2022 Oct Invited Speaker. Non-Melanoma Skin Cancer: The Good, The Bad and The Ugly. Departmental Grand Rounds. University of Toronto, Department of Otolaryngology-Head & Neck Surgery. Toronto, ON.

GORDON, K

2023 Oct Invited Speaker. From Hearing to Doing: How Children Use Their Hearing Devices to Convert Audibility into Meaningful Interactions with the World Around Them, Conference of the Canadian Academy of Audiology, Ottawa, ON.

2023 Mar Invited Speaker. Optimizing Development in Children with Hearing Loss, Grand Rounds, Department of Otolaryngology-Head & Neck Surgery, University of Toronto, (Virtual).

JAMES, A

2022 Oct Invited Speaker. Endoscopic Ear Surgery: Making Progress. Grand Rounds. Department of Otolaryngology Head and Neck Surgery, University of Toronto.

LEE, J

2023 Jun Invited Speaker. Chronic Rhinosinusitis and Cystic Fibrosis: What's New in 2023? Division of Respiriology and Cystic Fibrosis Program, St. Michael's Hospital, University of Toronto. Toronto, ON.

2023 Apr Course Co-Director. University of Toronto Resident Sinus Surgery Course. Department of Otolaryngology-Head & Neck Surgery, University of Toronto.

2023 Apr Invited Speaker, Endoscopic Anatomy of the Lateral Nasal Wall, University of Toronto Resident Sinus Surgery Course.

2023 May Invited Speaker. A Review of Chronic Rhinosinusitis with Nasal Polyps: Surgery, Biologics and Everything in Between. Division of Allergy and Clinical Immunology Teach Rounds, University of Toronto.

2023 Feb Invited Speaker. Understanding Real-World Effectiveness of Biologics in Chronic Rhinosinusitis with Nasal Polyps. 21st Annual Otolaryngology Update Meeting, University of Toronto.

PROVINCIAL/LOCAL MEETINGS (continued)

LIN, RJ

- 2023 Apr Invited Faculty: Laryngeal Hypersensitivity: The (can't) Breathers, the Mute, and the Coughers. Clinical Immunology & Allergy Grand Rounds, Department of Medicine. University of Toronto, Toronto, ON.
- 2023 Mar Invited Faculty: Vocal Health for Singers. Vocal Pedagogy Program Vocal Outreach, Department of Music, University of Toronto, Toronto, ON.

PROPST, E

- 2023 Apr Invited Speaker. Obstructive Sleep Apnea in Children. Canadian Sleep Society Conference. Ottawa, ON.
- 2023 Mar Invited Speaker. High Complexity, Excellent Outcomes Series Inaugural Lecture. Perioperative Services Grand Rounds, Hospital for Sick Children. Toronto, ON.
- 2023 Mar Invited Speaker. Advanced Airway Surgery in Children. Otolaryngology PGY4 Resident Exam Preparation. Toronto, ON.
- 2023 Mar Invited Speaker. Incorporation, Taxes, and other Tips. Otolaryngology PGY5 Resident Transition to Practice. Toronto, ON.
- 2022 Nov Invited Speaker. The Caribbean Children Foundation Gala Dinner. Zahvir's Neighbouring Village. Representative of the Hospital for Sick Children International Program. Toronto, ON.

SIMONE, M

- 2022 Jul Invited Speaker, Introduction to Adult Cochlear Implant Candidacy Management. Toronto General Hospital Audiology Rounds. Toronto ON.
- 2022 Apr Invited Speaker, Adult Cochlear Implant Case Management and Counselling. Canadian Hearing Services Interprofessional Education Seminar, Toronto ON.

SINGH, P

- 2022 Nov Guest Lecturer. Health Equity in Quality Improvement. Quality Improvement Patient Safety Master's Program. Institute of Health Policy, Management and Evaluation – University of Toronto.
- 2022 Nov Guest Lecturer. Practical Quality Improvement Projects – Tips and Pearls. Department of Community Family Medicine, Scarborough Health Network.

WOLTER, N

- 2022 Oct Invited Speaker. Seek and Destroy: Understanding and Eradicating Esophageal Button Battery Injuries in Children. Department of Otolaryngology-Head & Neck Surgery, Grand Rounds, University of Toronto.

Papers Presented at Conferences/Society Meetings

INTERNATIONAL MEETINGS

BELGIUM

MARTINO, R

- 2022 Sept Manduchi B, Schindler A, Battel I, Pizzorni N, Moorhead AP, Hutcheson K, Coyle JL, Martino, R. The Italian Penetration-Aspiration Scale (IT-PAS) for Dysphagia Instrumental Assessment: Translation and Cultural Adaptation. European Society of Swallowing Disorders. Leuven, Belgium.
- 2022 Sept Manduchi B, Fitch M, Ringash J, Howell D, Hutcheson K, Martino, R. Proactive vs Reactive Swallowing Interventions for People with Head and Neck Cancer During Radiotherapy: The SLP Experience. European Society of Swallowing Disorders. Leuven, Belgium.
- 2022 Sept Martino, R., Sabry AE, Ringash J, Chen B, Kartolo A, Parulekar W. Comparing Patient- and Observer-reported Outcomes with Physiological Swallow Status of the Head and Neck Patients Treated with Systemic Therapy and Radiotherapy. European Society of Swallowing Disorders. Leuven, Belgium.

JAPAN

MARTINO, R

- 2023 Jun Ringash, J, Dunphy, C, Avery, L, Chahin, R, Chang, E, Davis, AM, Jones, J, Martino, R, Moody, L, Giuliani, M, McEwen, S. Efficacy of the rehabilitation planning consult for survivors of head and neck cancer: A phase II randomized controlled trial. MASCC Conference, Japan.

NETHERLANDS

GORDON, K

- 2023 May Gordon KA, Lee H-J, Negandhi J, Papsin BC, Cushing SL. Cortical Plasticity in Children with Short Durations of Single Sided Deafness. 16th European Symposium on Pediatric Cochlear Implantation. Rotterdam, the Netherlands. Won best conference abstract.
- 2023 May Gordon KA, Fung A, Easwar V, Negandhi J, Papsin BC, Cushing SL. Cortical Responses Reveal Detection but not Integration of Binaural Cues in Children with Cochlear Implants. 16th European Symposium on Pediatric Cochlear Implantation. Rotterdam, the Netherlands.

SPAIN

ADAMSON, P

- 2022 Nov Honoured Guest Lecturer. 1) The Deep Plane Face Lift, 2) Aesthetic Otoplasty, 3) Life Lessons Learned as a Facial Plastic Surgeon. Segundo Congreso Nacional De La Sociedad Espanola De Cirugia Plastica Facial, Cordoba, Spain.

INTERNATIONAL MEETINGS (continued)

UNITED STATES

ADAMSON, P

2022 Oct Invited Speaker. 1) Strategies for Professional Success, 2) Global Facial Beauty, 3) International Fellowships and Board Certification. 13th International Symposium of Facial Plastic Surgery, Sponsored jointly by the International Federation of Facial Plastic Surgical Societies and the American Academy of Facial Plastic and Reconstructive Surgery, National Harbor, MD.

BANH, J

2023 Jun Banh J, Ng A, Shaw L, Aboulhawa Y, Lin V, Le T, Chen, J. Remote Programming of Cochlear Implants: A Feasibility Study. American Cochlear Implant Alliance. Dallas, TX.

CAMPISI, P

2023 Apr Alonso Sanchez J, Campisi P, Amaral J. Lymphatic malformation versus low grade fibroblastic tumor. International Society for the Study of Vascular Anomalies. Boston, MA.

CHAN, Y

2023 May Lee D, Grose E, Brenna C, Philteos J, Lightfoot D, Kirubalingam K, Chan Y, Palmer J, Adappa N, Lee JM. The Benefits and Risks of Non-Steroidal Anti-Inflammatory Drugs for Postoperative Analgesia in Sinonasal Surgery: A Systematic Review and Meta-Analysis. American Rhinologic Society at Combined Otolaryngology Spring Meeting, Boston, MA.

2023 Feb Ramsey AK, Khothari DS, Parikh K, Abi Hachem R, Chan Y, Choby G, Fastenberg J, Rabinowitz MR, Rangarajan S. Assessing Patient-Reported Symptoms to Predict Postoperative Complications from Pituitary Surgery Using a Novel Consensus-Developed Inventory. 32nd Annual North American Skull Base Society Meeting. Tampa, FL.

2022 Sep Hussain S, Almansouri A, Allaqawi L, Philteos J, Wu V, Chan Y. Does the Journal Impact Factor Predict Individual Article Citation Rate in Otolaryngology Journals? American Academy of Otolaryngology 126th Annual Meeting. Philadelphia, PA.

2022 Sep Levin M, Chan Y, Sommer DD, Thamboo A, Lee J. Surgical Completeness in AERD Patients. American Rhinologic Society 68th Annual Meeting. Philadelphia, PA.

DE ALMEIDA, J

2023 Feb Xie M, de Almeida J. Socioeconomic Predictors of Quality of Life in Patients Undergoing Skull Base Surgery. North American Skull Base Surgery Annual Meeting. Tampa FL.

GORDON, K

2023 Jun Cushing SL, Goh S, Papaioannou V, Papsin BC, Gordon KA. Early Application of Surgical Bone Conduction Aids: Suitability of Osia® Implants in Children as Young as 5 Years of Age. American Cochlear Implant Alliance Conference, Dallas, TX.

INTERNATIONAL MEETINGS (continued)

- 2023 Jun Sabourin CJ, Cushing SL, Papsin BC, Lomber SG, Gordon KA. The trans-impedance Matrix (TIMS) as an Intraoperative Measure of Array Integrity in Children with Cochlear Implants. American Cochlear Implant Alliance Conference 2023, Dallas, TX.
- 2023 Jun Honigman T, Negandhi J, Papsin BC, Cushing SL, Purcell T, Deep N, Waltzman S, Gordon KA. Safety and Early Outcomes of Cochlear Implantation in Infants: A Multi-centre Study. American Cochlear Implant Alliance Conference, Dallas, TX.
- 2023 Jun Gordon KA, Papsin BC, Negandhi J, Cushing SL. Underlying Etiologies of Single Sided Deafness in a Large Cohort of Children Receiving a Cochlear Implant. American Cochlear Implant Alliance Conference, Dallas TX.
- 2023 Jun Wener E, Booth L, Bensky H, Desai V, Negandhi J, Papsin BC, Cushing SL, Gordon KA. Decreased Exposure to Spoken Communication in a Large Cohort of Children with Cochlear Implants During Early and Later Stages of the COVID-19 Pandemic. American Cochlear Implant Alliance Conference, Dallas, TX. Recognized as a Top 10 conference podium presentation.
- 2023 Feb Alemu RZ, Fung A, Blakeman A, Cushing SL, Papsin BC, Gordon KA. Characterizing Localization of Stationary and Moving Sound in Children Using Bimodal and Bilateral Cochlear Implant Devices. Conference of the Association for Research in Otolaryngology, Orlando, FL.
- 2023 Feb Hazen M, Alemu RZ, Blakeman A, Negandhi J, Cushing SL, Papsin BC, Gordon KA. Spatial Localization of Sound and Light with Bilateral Cochlear Implants in Children with Concurrent Auditory and Vestibular Impairments. Conference of the Association for Research in Otolaryngology, Orlando, FL. Received ARO travel award.
- 2023 Feb Fung A, Alemu RZ, Blakeman A, Negandhi J, Cushing SL, Papsin BC, Gordon KA. Cortical Access to Binaural Level Cues in Children Using Bilateral Cochlear Implants Measured with the Electrophysiological Acoustic Change Complex. Conference of the Association for Research in Otolaryngology, Orlando, FL.
- LIN, RJ**
2023 May Lin RJ, Belsky M, Smith B, Grose E, Nisenbaum R, Rosen CA, Munin MC, Smith LJ. Technical Challenges for Laryngeal Electromyography. COSM, Boston, MA.
- MARTINO, R**
2023 Jun de Almeida, JR, Parulekar, WR, Christopoulos, A, Gauthier, I, Martino, R, McNiven, A, Nichols, A, Parmar, A, Prisman, E, Ringash, J, Smoragiewicz, M, Subramaniam, R, Waldron, J, Chinn, S, Bates, J, Whelan, K, Tu, W, Hosni, A. CCTG HN.11 SPECT-CT Guided ELEctive Contralateral Neck Treatment (Select) for Patients with Lateralized Oropharyngeal Cancer: A Phase III Randomized Controlled Trial. ASCO Annual Meeting, Chicago, IL.
- 2023 Mar Manduchi B, Fitch M, Ringash J, Howell D, Hutcheson K, Martino R. Experiences of Speech-language Pathologists Providing Swallowing Interventions for Head and Neck Cancer During Radiotherapy as Part of PRO-ACTIVE Trial. Dysphagia Research Society, San Francisco, CA.

INTERNATIONAL MEETINGS (continued)

- 2023 Mar Che VZ, Suhail A, Hainc N, Sabry A, Yu E, Xu W, Waldron J, Goldstein D, Huang S-H, Martino R. Establishing a Reliable and Valid Method to Measure Fibrosis Volume Using Clinical MRI Following Radiotherapy for Head and Neck Cancer. Dysphagia Research Society, San Francisco, CA.
- 2023 Mar Sabry A, Garcia R, Chen BE, Waldron J, Huang S-H, Parulekar WR, Martino R. Changes in Pharyngeal Physiology in Head and Neck Cancer Patients Treated with Radiotherapy. Dysphagia Research Society, San Francisco, CA.
- 2023 Mar Burdick R, Schwei B, Gustafson S, Robison R, Rogus-Pulia N, Martino R. Pulia M. Feasibility and Performance of Dysphagia Screening by Non-clinical Research Staff in the Emergency Department. Dysphagia Research Society, San Francisco, CA.
- 2023 Mar Martino R, Rodriguez V, Sabry A, Barbon C, Hutcheson K. Maintaining VFS Rating Skills Using a Continuous Audit and Targeted Refresher. Dysphagia Research Society, San Francisco, CA.
- 2022 Nov Garcia R, Che V, Rodriguez V, Greco E, Martino R. Applying a Framework for Dysphagia Intervention to Support Translation of Research to Practice. American Speech-Language and Hearing Association, New Orleans, LA.
- PROPST, E**
- 2023 May Grose E, Yu S, Shin B, Prevost AS, Wu V, Honigman T, Wolter N, Gorodensky J, Propst EJ. Pediatric Croup Due to COVID-19: A Review of Cases at a Pediatric Tertiary Care Centre. American Society for Pediatric Otolaryngology Annual Meeting. Boston, MA.
- 2023 May Siu J, Prager J, Propst EJ, Wyat M, Lawlor C, Sidell D, Mehta D, Padia R, Johnson K. Second Place Poster Prize. The Interarytenoid Assessment Protocol: A Multi-institutional Validation Study to Standardize Pediatric Laryngeal Cleft Evaluations. American Society for Pediatric Otolaryngology Annual Meeting. Boston, MA.
- 2022 Dec Philteos JG, Madan Y, James AL, Propst EJ, Ostrow O, McKinnon N, Everett T, Wolter NE. Public Knowledge of Button Battery Ingestions: A Social Media Based Cross-sectional Analysis. Society for Ear Nose and Throat Advances in Children Annual Meeting. Philadelphia, PA.
- 2022 Dec Zaman F, Vescan A, Propst EJ, Wolter NE. Outcomes of Open Versus Endoscopic Management of Juvenile Nasoangiofibroma. Society for Ear Nose and Throat Advances in Children Annual Meeting. Philadelphia, PA.
- 2022 Sept Li C, Propst EJ, Amin R, Chiang J, Narang I, Matava C, McKinnon N, Wolter NE. Sleep Outcomes Following Tonsillectomy for Obstructive Sleep Apnea in Children with Cerebral Palsy. AAO-HNSF 20-22 Annual Meeting & OTO Experience. Philadelphia, PA.
- 2022 July Li C, Propst EJ, Wolter NE. Morbidity and Mortality Following Tonsillectomy for Obstructive Sleep Apnea in Children with Cerebral Palsy. American Society for Pediatric Otolaryngology Annual Summer Meeting. Denver, Colorado.

INTERNATIONAL MEETINGS (continued)**WOLTER, N**

- 2023 July Namavarian A, Levy BB, Tepsich M, McKinnon NK, Mema B, Siu JS, Propst EJ, Wolter N. Percutaneous Tracheostomy in the Pediatric Population: A Systematic Review. Presenters: ASPO Summer Meeting 2023. Vail, CO.
- 2023 May Goh S, Philteos J, James AL, Ostrow O, McKinnon NK, Everett T, Levine M, Whyte H, Propst EJ, Wolter N. Find it fast! An Updated Pathway for Managing Button-Battery Ingestion in Children. 2023 ASPO Annual Meeting in Boston, MA.
- 2023 May Grose E, Yu, S, Shin B, Prevost AS, Wu V, Honigman T, Nikolaus E Wolter, Propst EJ. Pediatric Croup Due To COVID-19 Infection: A Review of Cases at a Pediatric Tertiary Care Centre. 2023 ASPO Annual Meeting in Boston, MA.
- 2023 May Chen Y, Madan Y, Ma GW, Propst EJ, Wolter N. Exploring the Treatment Pathway of Patients with Esophageal Foreign Bodies: An Analysis of Outcomes, Complications, and Resource Utilization. 2023 ASPO Annual Meeting in Boston, MA.
- 2022 Dec Philteos JG. Madan Y, James AL, Propst EJ, Ostrow O, McKinnon N, Everett T, Wolter N. Public Knowledge of Button Battery Ingestions: A Social Media Based Cross-sectional Analysis. 2022 SENTAC Annual Meeting. Philadelphia, PA.
- 2022 Dec Zaman F, Vescan A, Propst EJ, Wolter N. Outcomes of Open versus Endoscopic Management Of Juvenile Nasopharyngeal Angiofibroma. 2022 SENTAC Annual Meeting. Philadelphia, PA.
- 2022 Sept Li C, Propst EJ, Narang I, Chiang J, Amin R, Matava C, McKinnon N, Wolter N. Sleep Outcomes Following Tonsillectomy for Obstructive Sleep Apnea in Children with Cerebral Palsy. AAO-HNSF 2022 Annual Meeting & OTO Experience. Philadelphia, PA.
- 2022 Jul Li C, Propst EJ, Narang I, Chiang J, Amin R, Matava C, McKinnon N, Wolter N. Morbidity and Mortality Following Tonsillectomy for Obstructive Sleep Apnea in Children with Cerebral Palsy. ASPO Summer Meeting 2022. Vale, CO.
- YAO, C
- 2023 May Sifan Lu, Eileen Rakovitch, Breffni Hannon, Camilla Zimmermann, John De Almeida, Christopher Yao, Erin Gillespie, Fumiko Chino, Divya Yeramilli, Fadwa Abdel-Rahman, Hiba Othman, Sara Mheid, C. Jillian Tsai. Cost Savings Associated with Palliative Care During Hospitalization for Metastatic Cancer. ASCO 2023. Chicago, IL.

VIRTUAL**DAVIES, J**

- 2023 Jan Davies JC, Husain Z, Day TA, Graboyes EM, Eskander T. Perioperative Mortality Risk in Patients Undergoing Transoral Robotic Surgery for T1-T2 Oropharyngeal Squamous Cell Carcinoma: A National Cancer Database Study. 12th International Robotic Surgery Symposium, Seoul, Korea (Virtual).

INTERNATIONAL MEETINGS (continued)

GORDON, K

2022 Nov Entwisle L, Tiernan B, Waltzman S, Deep N, Purcell P, Gordon KA. Cochlear Implantation During Infancy: Revised Indications and evidence of safety using the Cochlear Nucleus implant system. 2022 American Speech and Hearing Association Conference, New Orleans, LA (Virtual). Received Meritorious Poster Submission Award.

NATIONAL MEETINGS

BRITISH COLUMBIA

CAMPISI, P

2022 Oct Wang L, Henley J, Philteos J, Gabinet-Equihua A, Horton G, Levin M, Saleem A, Monteiro E, Lin V, Chan Y, Campisi P. Evaluation of a Novel Case-based Teaching Series for First Year Otolaryngology-Head & Neck Surgery Residents. Canadian Society of Otolaryngology-Head & Neck Surgery Annual Meeting, Vancouver, BC.

WOLTER, N

2022 Oct Trac J, Chen H, Propst EJ, Wolter N. Salivary Gland Anlage Tumor: Evaluation and Management of a Rare Pediatric Condition. Canadian Society of Otolaryngology-Head & Neck Surgery 76th Annual Meeting. Vancouver, BC.

NATIONAL MEETINGS IN ONTARIO

CHAN, Y

2022 Oct Levin M, Chan Y, Sommer DD, Thamboo A, Lee J. Quantifying Surgical Completeness in Patients with Aspirin Exacerbated Respiratory. Canadian Society of Otolaryngology 76th Annual Meeting. Toronto ON.

2022 Oct Mavedatnia D, Yi G, Wener E, Davidson J, Chan Y, Graham ME. Gender Differences in North American and International Otolaryngology Published Clinical Guidelines: A 17-Year Analysis. Canadian Society of Otolaryngology 76th Annual Meeting. Toronto, ON.

2022 Oct Gajic E, Aleksa E, Dzioba A, Strychowsky J, Hu J, Chan Y, Graham ME. Understanding Gender Differences in the Research Productivity of Canadian Otolaryngologists. Canadian Society of Otolaryngology 76th Annual Meeting. Toronto, ON.

2022 Oct Horton G, Grose E, Chen T, Davies O, Shin D, Campisi P, Witterick IJ, Chan Y. Racial Diversity amongst Otolaryngology-Head & Neck Surgery Programs in Canada. Canadian Society of Otolaryngology 76th Annual Meeting. Toronto, ON.

2022 Oct Kirubalingam K, Dzioba A, Chan Y, Graham ME. Authorship Diversity in Otolaryngology: A 9-year Analysis of Articles Published in Journal of Otolaryngology-Head & Neck Surgery. Canadian Society of Otolaryngology 76th Annual Meeting. Toronto, ON.

NATIONAL MEETINGS (continued)**DAVIES, J**

2022 Oct Gupta M, Misariu A, Saydy N, Eskander A, Nichols A, Brassard M, Levesque M, Sadeghi N, Subramaniam T, Mlynarek A, Morand G, Fortier PH, Fradet L, Ghazvani S, Pasternak J, Prisman E, Ayad T, Christopolous A, Davies JC, Rajaraman M, Corsten M, Rajaraman K, Maniakas A. A National Retrospective Study of Current Survival and Management Trends of Anaplastic Thyroid Carcinoma in Canada. 76th Annual Meeting of the Canadian Society of Otolaryngology-Head & Neck Surgery. Toronto, ON.

2022 Oct Lee JJW, Kunaratnam V, Kim JH, Pienkowski M, Hueniken K, Sahovaler A, Lam ACL, Davies JC, Brown CM, De Almeida JR, Hui S, Huang S, Waldron J, Spreafico A, Hung R, Xu W, Goldstein DP, Liu G. Cigarette smoking cessation, duration of smoking abstinence, and head and neck squamous cell carcinoma prognosis. 76th Annual Meeting of the Canadian Society of Otolaryngology-Head & Neck Surgery. Toronto, ON.

LIN, RJ

2022 Oct Ramazani F, Wright E, Randall D, Lin RJ, Jeffrey C. Developing an Objective Structured Assessment of Technical Skills (OSATS) for microlaryngoscopy. Canadian Society of Otolaryngology-Head & Neck Surgery 76th Annual Meeting. Toronto, ON.

2022 Oct Yi G, Nisenbaum R, Hu A, Jeffrey C, Anderson J, Lin RJ. Formation and assessment of a Laryngology atlas for resident education. Canadian Society of Otolaryngology-Head & Neck Surgery 76th Annual Meeting. Toronto, ON.

2022 Oct Dong X, Lin RJ. Patient experience with absolute voice rest following phonosurgery: a qualitative study. Canadian Society of Otolaryngology-Head & Neck Surgery 76th Annual Meeting. Toronto, ON.

YAO, C

2022 Oct C. Noel, K. Hueniken, D. Forner, J. Irish, C. Yao, E. Monteiro, D. Goldstein, J. de Almeida. Annual Household Income and Its Association with Financial Toxicity, Health Utility, and Survival in Head and Neck Cancer – Canadian Society of Otolaryngology Head and Neck Surgery, 76th Annual Meeting. Vancouver, BC.

PROVINCIAL/LOCAL MEETINGS**GORDON, K**

2022 Oct Hazen M, Cushing SL, Gordon KA. Developmental Balance Effects of Vestibular and Auditory Impairments in Childhood. Canadian Audiology Association Conference, Niagara Falls, ON.

2022 Oct Alemu RZ, Blakeman A, Cushing SL, Papsin BC, Gordon KA. Spatial Hearing is Impaired in Children with Bilateral Cochlear Implants. Canadian Audiology Association Conference, Niagara Falls, ON.

2022 Oct Fung A, Negandhi J, Blakeman AI, Alemu RZ, Cushing SL, Papsin BC, Gordon KA. Electrophysiological Measures of Spatial Hearing in Children who Use Bilateral Cochlear Implants, Canadian Audiology Association Conference, Niagara Falls, ON.

PROVINCIAL/LOCAL MEETINGS (continued)**MARTINO, R**

2022 Aug Manduchi B, Fitch M, Martino R. Patient Activation During Swallowing Therapy for Head and Neck Cancer Patients Undergoing Radiotherapy: A Qualitative Study. International Psycho-Oncology Society. Toronto, ON.

PROPST, E

2023 Mar Terrance M, Xiao L, Propst EJ, Wolter NE, Voutsas G, Gunawardena T, Moraes T, Narang I. Dexamethasone as a Novel Treatment for Obstructive Sleep Apnea in Children. Institute for Medical Science Scientific Day, University of Toronto.

WITTERICK, I

2022 Oct Teague L, Sukhu B, Davies J, Monteiro E, Silver S, Witterick I. The Use of Hydrated Amniotic Membrane Allograft on Difficult to Heal Surgical Wounds in Head and Neck Patients: A Case Series. Wounds Canada Conference. Toronto, ON.

WOLTER, N

2023 Mar Madan Y, Philteos J, James AL, Propst EJ, Ostrow O, McKinnon NK, Everett T, Wolter N. Public Knowledge of Button Battery Ingestions: A Social Media Based Cross-Sectional Analysis. Western Student Research Conference 2023. Western University, London, ON.

2023 Feb Madan Y, Philteos J, James AL, Propst EJ, Ostrow O, McKinnon NK, Everett T, Wolter N. Public Knowledge of Button Battery Ingestions: A Social Media Based Cross-Sectional Analysis. The 18th Annual Canadian Undergraduate Conference on Healthcare. Queen's University, Kingston, ON.

The data provided within this annual report does not include information pertaining to faculty members: Julija Adamonis, Ashlin Alexander, Sumeet Anand, Jennifer Anderson, Jamil Asaria, Sarfaraz Banglawala, Greg, Belchetz, Michael Brandt, Deron Brown, Robert Burke, Roman Chaban, M. Chang, Jerry Chapnik, Nitin Chauhan, Dario Coletta, Kris Conrad, Dustin Dalgorf, Taryn Davids, Susan Drucker, Vinay Fernandes, David Finkelstein, Vito Forte, Amadeep Grewal, David Hacker, Jerry Halik, Robert Hekkenberg, Teresa Holler, Anil Katyal, William Kaul, Jack Kolenda, Mark Korman, Brenda Kou, Lukas Kus, Ambrose Lee, Annesse Lee, Randy Leung, Bosco Lui, Sharon Morong, Robert Mounsey, Jerry Naiberg, Raymond Ng, Alexander Osborn, Modupe Oyewumi, Laurel Palmer, Xerxes Punthakee, Richard Rival, Michael Roskies, John Rutka, Raewyn Seaberg, Manish Shah, Jack Shahin, Praby Singh, Oakley Smith, Philip Solomon, Ian Syrett, Adam Toth, Sandra Vojvodich, Jeffrey Werger, Jill Witte, Adrienne Wong, Jonathan Yip, Molly Zirkle.



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