

Curriculum Vitae

Kevin McLoughlin Patrick Higgins
MSc, MD, FRCSC

A. Date Curriculum Vitae is Prepared: 2016 July 6

B. Biographical Information

Primary Office	Sunnybrook Health Sciences Centre Dept. of Otolaryngology-Head and Neck Surgery 2075 Bayview Avenue, Room M1-102 Toronto, Ontario, Canada M4N 3M5
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1. EDUCATION

Degrees

2015 Nov	Diploma, Leadership Development Program for Physicians in Academic Center, Harvard Medical School
2014 Jul	FACS, American College of Surgeons
2004 - 2007	MSc, Health Research Methodology, Clinical Health Sciences, Graduate Studies, McMaster University, Hamilton, Ontario, Canada
2002	FRCSC, Royal College of Physicians, Ontario, Canada
1993 - 1997	MD, Dept of Medicine, University of Toronto, Ontario, Canada
1991 - 1993	BSc, Life Science, Arts and Science, Faculty of, Queen's University at Kingston, Ontario, Canada
1986 - 1991	Diploma, St. Michael's College School, Toronto, Ontario, Canada

Postgraduate, Research and Specialty Training

2015 Nov 1 - 2015 Nov 14	Leadership Development Program for Physicians in Academic Center, Chan School of Public Health, Harvard University, United States
2012 Oct 6	Dermoscopy Course, Department of Otolaryngology/Head and Neck Surgery, Toronto, Ontario, Canada, Supervisor(s): Dr. Anthony Dixon
2010 Apr	Ultrasound Technology Workshop, Mount Sinai Hospital, Toronto, Ontario, Canada
2008	Principles of Operative Treatment of Craniomaxillofacial Trauma and Reconstruction, The AO Foundation, Toronto, Ontario, Canada
2007	Minimally Invasive Endocrine Surgery Course, Medical College of Georgia, Augusta, Georgia, United States
2006	Laser Surgery Course, University of Kiel, Germany
2006	Sentinel Node Biopsy Course, Moffitt Cancer Centre, Tampa, Florida, United States

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2003 Research Internship, Health Research and Methodology Program, McMaster University, Hamilton, Ontario, Canada

2003 Clinical Fellow, Head and Neck/Microvascular Surgery, Department of Otolaryngology, Mount Sinai School of Medicine, New York, New York, United States, Supervisor(s): Drs. Mark L. Urken and Eric M. Genden

2001 Apr Microvascular Surgery Course, Department of Otolaryngology/Head and Neck Surgery, Mt. Sinai School of Medicine, Ne, New York, United States

2001 Mar - 2001 Jun Specialist Registrar, ENT/Head and Neck Surgery, Royal United Hospital, Bath, United Kingdom

2001 - 2002 Chief Resident, ENT/Head and Neck Surgery, Department of Otolaryngology, Faculty of Medicine, University of Toronto, Ontario, Canada

1997 - 2002 Postgraduate Surgical Trainee, Otolaryngology, Department of Otolaryngology, Faculty of Medicine, University of Toronto, Ontario, Canada

Qualifications, Certifications and Licenses

2010 Apr - present Active Fellow (Triologic Thesis Accepptd), The American Laryngological, Rhionological and Otrological Society, United States

2013 Jul - 2014 Jun Associate Professor, University of Toronto, Faculty of Medicine, Department of Otolaryngology-Head and Neck Surgery

2006 Fellow, American Academy of Otolaryngology Head and Neck Surgery

2003 Diplomate, American Board of Otolaryngology, Head and Neck Surgery

2002 Fellow, Royal College of Physicians and Surgeons of Canada

1999 Licentiate, Medical Council of Canada

2. EMPLOYMENT

Current Appointments

2012 - present Courtesy Staff Otolaryngologist, Mt. Sinai Hospital, Ontario, Canada

2011 Jul - present Endocrine Site Group Leader, Odette Cancer Centre, Sunnybrook Health Sciences Centre, Endocrine Site Group

2010 - present Post-Graduate Director, Sunnybrook Health Sciences Centre, Otolaryngology, University of Toronto, Ontario, Canada

2008 Jul - present Member, Division of Facial Plastic and Reconstructive Surgery, Division of Facial Plastic and Reconstructive Surgery, Otolaryngology/Head and Neck Surgery

2008 - present Assistant Professor, Otolaryngology, University of Toronto, Ontario, Canada

2006 Jul - present Member, Melanoma Site Group, Odette Cancer Centre

2003 Jul - present Member, Head And Neck Surgery Division and Fellowship Selection Committe, Head And Neck Surgery Division, Otolaryngology/Head and Neck Surgery

2003 Jul - present Member Head and Neck Site Group

2003 - present Full-time Faculty, Head and Neck Surgical Oncologist/Microvascular Reconstructive Surgeon, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada

2003 - present Head and Neck Surgical Oncologist, Odette Cancer Centre, Toronto, Ontario, Canada

2003 - present Courtesy Staff Otolaryngologist, Scarborough Grace Hospital, Toronto, Ontario, Canada

2003 - present Courtesy Staff Otolaryngologist, Toronto East General Hospital, Toronto, Ontario, Canada

2003 - present Courtesy Staff Otolaryngologist, Women's College Hospital, Toronto, Ontario, Canada

2003 - present Courtesy Staff Otolaryngologist, North York General Hospital, Ontario, Canada

2012 Affiliate Scientist, Clinical Evaluative Sciences, Odette Cancer program, Sunnybrook Research Institute

Previous Appointments

HOSPITAL

- 2006 - 2010 Undergraduate Program Director, Department of Otolaryngology/Head and Neck Surgery, Sunnybrook Health Sciences Centre, Toronto, Ontario, Canada
- 2005 - 2008 Member of Post-Graduate Committee, Otolaryngology/Head and Neck Surgery, University of Toronto, Sunnybrook Hospital, Ontario, Canada

UNIVERSITY

- 2007 - 2010 Journal Club Co-Ordinator, Otolaryngology, University of Toronto, Ontario, Canada

3. HONOURS AND CAREER AWARDS

Distinctions and Research Awards

INTERNATIONAL

Received

- 2010 Apr - present The American Laryngological, Rhinological and Otological Society (the "Trio"). (Research Award, Specialty: Otolaryngology/Head and Neck Surgery)
Thesis Accepted.

NATIONAL

Received

- 2014 May - present **Honour Award**, Canadian Society of Otolaryngology-Head and Neck Surgery. (Distinction)
in recognition of his contribution to the Society.
- 1997 **Achievement Award**, Boehringer-Ingelheim (Canada) Ltd. (Distinction)
For excellence in cardiorespiratory physiology in the medical course of the fourth undergraduate medical year.

LOCAL

Received

- 2013 Jun - 2013 Jul **A Sunnybrook Moment of Service Excellence**, Sunnybrook Health Sciences Centre. (Distinction, Specialty: Otolaryngology/Head and Neck Surgery)
Given by the Office of the Patient Experience to recognize outstanding service and dedication to patients.
- 2000 **Percy Ireland Day Award**, University of Toronto, Ontario, Canada. (Research Award)
Awarded for research excellence.

Nominated

- 2003 - 2004 **Teacher of the Year**, University of Toronto, Ontario, Canada. (Distinction)

OTHER

Received

- 2000 **IFOS Scholarship**, International Federation of Otolaryngological Societies. (Distinction)

Final Year Post-graduate trainee for academic distinction.

Student/Trainee Awards

PROVINCIAL / REGIONAL

Received

- 1997 **Honours Standing for 4th medical year.** University of Toronto, Ontario, Canada
- 1996 **Dr. Chester William Ferrier Scholarship in Surgery.** University of Toronto, Ontario, Canada
Awarded for high academic standing in the surgery course of the third undergraduate medical year.
- 1996 **Honours Standing for 3rd medical year.** University of Toronto, Ontario, Canada
- 1995 **C.S. Wainwright Scholarship.** University of Toronto, Ontario, Canada
For high academic standing achieved during the second year of the undergraduate medical program.
- 1995 **Honours Standing for 2nd medical year.** University of Toronto, Ontario, Canada
- 1993 **C.S. Wainwright Scholarship.** University of Toronto, Ontario, Canada
For high academic standing achieved during the first year of the undergraduate medical program.
- 1993 **Dean's List.** Queen's University at Kingston, Ontario, Canada
Awarded on the basis of academic merit to the top 3% of the undergraduate class, Faculty of Arts and Science.
- 1992 **James H. Rattray Memorial Scholarship in Science.** Queen's University at Kingston, Ontario, Canada
Awarded to 1st year undergraduate students who demonstrate exemplary academic standing in the sciences.
- 1991 **Honours Standing.** Queen's University at Kingston, Ontario, Canada
- 1991 **Ontario Scholar.** Ontario Ministry of Education, Canada
Awarded for honours standing in the graduating year of secondary education.
- 1991 **Trillium Scholarship.** Queen's University at Kingston, Ontario, Canada
Awarded to those entering undergraduates who have consistently demonstrated high academic proficiency throughout their secondary school years.

LOCAL

Received

- 2001 Jul - 2002 Jun **Chief Surgical Resident.** Department of Otolaryngology/Head and Neck Surgery
- 1991 **St. Thomas Moore Society Award.** St. Michael's College School, Toronto, Ontario, Canada
Awarded by St. Michael's College School to those graduates who have maintained honours standing throughout their secondary school years.

4. PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Professional Associations

- 2012 Jan - present **Affiliate Scientist, Evaluative Clinical Sciences, Odette Cancer Program,** Sunnybrook Research Institute

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2012 - present **Member**, American Head and Neck Society Scientific Review Committee
2008 - present **Member**, American Head and Neck Society
2008 - present **Course Faculty/AO Member**, The AO Foundation (The Association for the Study of Internal Fixation)
2006 - present **International Fellow**, American Academy of Otolaryngology/Head and Neck Surgery
2006 - present **Member**, Canadian Academy of Facial Plastic and Reconstructive Surgery
2003 Jul - present **Member**, Canadian Society of Otolaryngology/Head and Neck Surgery
2003 - present **Member**, University of Toronto Otolaryngology Alumni Association
1997 - present **Elected Member**, Alpha Omega Alpha Honour Medical Society
1997 - present **Member**, Canadian Medical Association
1997 - present **Member**, Ontario Medical Association
2015 Jul **Fellow (FACS)**, American College of Surgeons

Administrative Activities

INTERNATIONAL

American Academy of Otolaryngology-Head and Neck Surgery

2014 Jul - 2016 Jul Member of Microvascular Committee, United States.

American Head and Neck Society

2015 Jul 29 - 2018 Jul Member, AHNS Head & Neck Reconstruction Committee, United States.

Eastern Section, Triological Society

2014 Jan 1 - 2015 Jan 1 Member, Nominating Committee, United States.

Member, American Head and Neck Society/9th International Conference on Head and Neck Cancer

2015 Sep - 2016 Sep Member, AHNS 2016 Program Committee, Washington, United States.

Triologic Society

2014 Jul - 2016 Jul Member of Eastern Section Nominating Committee, United States.

PROVINCIAL / REGIONAL

Cancer Care Ontario

2016 Jul - 2017 Jun Member, Oropharyngeal Cancer Pathway Map Working Group, Ontario, Canada.

2014 Sep Member, CCO Thyroid Cancer Surgery QBP Advisory Committee, Toronto, Ontario, Canada.

2014 Jul Member of Head and Neck Disease Site Group, Ontario, Canada.

Cancer Care Ontario Program in Evidence-Based Care

2010 - present Program in Evidenced-Based Care, Canada.

McMaster University Faculty of Medicine, Department of Surgery

2015 Nov 16 - 2015 Nov 17 External Reviewer, Division of Otolaryngology-Head and Neck Surgery, Quebec, Canada.

Odette Cancer Centre

2014 Jun Site Group Leader, Head And Neck Site Group, Odette Cancer Centre

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LOCAL

Department of Otolaryngology/Head and Neck Surgery

2006 Jul - 2010 Jun **Member**, Member, Undergraduate Committee

Sunnybrook Foundation Board

2013 Sep 30 - 2014 Sep MDMSA Representative, Toronto, Ontario, Canada.

Sunnybrook Health Sciences Center, Head and Neck Division

2014 Jul 1 - 2015 Jun 30 Faculty of Medicine, Dept of Otolaryngology - Head & Neck Surgery, Successful Fundraising of \$250 000 in calendar year towards Head and Neck Initiative with goal of 1 million dollars

Sunnybrook Health Sciences Centre

2016 Jul 1 - present Member, CPOE Advisory Committee, Ontario, Canada.

2015 Apr Minimally Invasive Surgery Committee Member, Toronto, Ontario, Canada.

Post-Graduate Director, Site Group Leader, Endocrine Site Group, Odette Cancer Centre, Ontario, Canada.

Undergraduate Director, Site Group Leader, Endocrine Site Group, Odette Cancer Centre, Ontario, Canada.

Site Group Leader, Site Group Leader, Endocrine Site Group, Odette Cancer Centre, Ontario, Canada.

University of Toronto

2005 - present **Member**, Member, Post-Graduate Committee, Faculty of Medicine, Dept of Otolaryngology - Head & Neck Surgery, Postgraduate MD, Ontario, Canada.

OTHER

Canadian Society of Otolaryngology/Head and Neck Surgery

2014 Jul 1 - 2015 Jun 30 Member, CSO Scientific Program Committee, Charlottetown, Prince Edward Island, Canada.

Department of Otolaryngology-Head and Neck Surgery

2013 Mar CaRMS Post-graduate Trainee Selection Committee

Member Fellowship Selection Committee, Division of Head And Neck Surgery, Department of Otolaryngology-Head and Neck Surgery

2003 Jul - present Fellowship Selection Committee

Sunnybrook Health Sciences Centre

2015 Jul Co-chair, Head and Neck ERAS program

Peer Review Activities

EDITORIAL BOARDS

Editor

2012 Nov 12 - 2013 Nov International Journal of Otolaryngology and Head & Neck Surgery

MANUSCRIPT REVIEWS

Reviewer

2012 Apr - present	Craniomaxillofacial Trauma and Reconstruction
2012 - present	Thyroid
2011 - present	Clinical Otolaryngology
2010 Jun - present	Otolaryngology-Head and Neck Surgery
2010 May - present	Head & Neck
2006 - present	Laryngoscope
2005 - present	Journal of Otolaryngology- Head and Neck Surgery
2014 Jun	JAMA-Otolaryngology

PRESENTATION REVIEWS

Reviewer

2012 Jul 21	American Head and Neck Society, Scientific Review Committee, 8th International Conference on Head and Neck Cancer
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Other Research and Professional Activities

RESEARCH PROJECT

2015 Jul	<p>Co-PI. A pilot study of the inflammatory response in oral squamous cell carcinoma by saliva, plasma and tissue analyses. Dept. of Dentistry, Sunnybrook Health Sciences Centre, Faculty of Dentistry, University of Toronto. Collaborator(s): Grace Bradley, DDS, MSc. FRCD(C), Marco Magalhaes, DDS, PhD; Beatrice Lau, DDS, MSc. Dept. of Dentistry, Sunnybrook Health Sciences Centre Faculty of Dentistry, University of Toronto.</p> <ol style="list-style-type: none">1. <i>Develop and test a protocol for collection and analysis of saliva, serum and tumour tissue of OSCC patients.</i>2. <i>Characterize the inflammatory cell profile and cytokine levels in the saliva of patients with OSCC and compare with healthy control patients.</i>3. <i>Compare the cytokine levels in saliva with those in serum within the same OSCC patient.</i>4. <i>Analyze the inflammatory infiltrate in the tumour tissue and correlate with the inflammatory cell profile in the saliva obtained from the same patient in the pre-surgical period.</i>
2015 Jul - 2015 Jul 30	<p>Co-PI. Role of MRI-diffusion and perfusion in detecting locoregional recurrence in the post-chemoradiation setting. Sunnybrook Health Sciences Centre. Collaborator(s): Pejman Maralani MD, Danny Enepekides MSc MD, Ian Poon MD, Justin Lee MD.</p>
2012 Jul 1 - 2013 Jun 30	<p>Site Coordinator. Assessment of post-operative atrophy of the anterolateral thigh free flap. Collaborator(s): Dr. Boban Erovic.</p> <p>Site Coordinator. Efficacy of optically guided surgery in the management of early stage oral cancer. Terry Fox Research Institute/Canadian Cancer Society Research Institute.</p> <p>Site Coordinator. Comparison of split thickness skin grafts and hatchet flap reconstruction of radial forearm donor site. Collaborator(s): Dr. Yves Jaquet.</p> <p>Site Coordinator. Volumetric comparison of oral cavity resection specimens and free flap graft size: Assessing a surgeon's ability to estimate defect volume. Ontario, Canada. Collaborator(s): Dr. Yves Jaquet.</p> <p>Site Coordinator. Comparison of voice quality post-thyroidectomy in treatment assessment of regional nodal status with color flow doppler. Collaborator(s): Dr. Yves Jaquet.</p> <p>Site Coordinator. Accurate 3-dimensional reconstruction of the mandible using a modification of the external fixation device. Collaborator(s): Dr. Yves Jaquet.</p>

C. Academic Profile

1. RESEARCH STATEMENTS

- 2003 Jul - present Focus on outcome based head and neck oncology research with a particular emphasis on best practice, meta-analysis, and microvascular surgical functional outcomes.
- 2003 Jul - present Focus on postgraduate trainee clinical and reserach supervision. Facilitated by pre-operative, intra-operative and post-operative engagement. Trainees are taught using the CanMEDS principles in both formal and informal settings.

D. Research Funding

1. GRANTS, CONTRACTS AND CLINICAL TRIALS

PEER-REVIEWED GRANTS

FUNDED

- 2016 Jun - 2018 Mar Assessing the feasibility, acceptability, and Impact of Implementing Cancer Care Ontario's Psychosocial Oncology & Palliative Care Pathway in the care of patients with Head and Neck Cancer. AHSC AFP Innovation Fund. PI: Janet Ellis MB BChir, MD, FRCPC. Collaborator(s): Kevin M. **Higgins** MSc MD FRCSC FACS. 99,000
- 2014 Nov - 2015 Nov **Co-Principal Investigator.** Defining a personalized hypoxic radiation target through correlation of functional F18-FAZA PET imaging to pimonidazole-stained 3D whole-mounted histological specimen. UT-DRO. PI: Poon, Ian Dr. Collaborator(s): Dr. Kevin Higgins – Sunnybrook Health Sciences Centre, Surgeon
Dr. Martin Yaffe - Sunnybrook Research Institute, Histopathology Laboratory Manager
Dr. Aaron Ward – University of Western Ontario, Image Processing
Dr. Danny Enepekides – Sunnybrook Health Sciences Centre, Surgeon
Dr. Ilan Weinreb – University Health Network, Pathologist
Dr. Katherine Zukotynski - Sunnybrook Health Sciences Centre, PET Imaging. 50,000 CAD. [Grants]
- 2014 Jul - 2018 Jul **Co-Principal Investigator.** Tissue engineering of auricular cartilage implants for external ear reconstruction. CIHR. PI: Dr. S. Waldman. Collaborator(s): Dr. Cushing ,Dr. M. Kunz, Prof. S. Pang and Dr. A. Winterborn. 460,000 CAD
- 2013 Jul - 2015 Jul **Co-Principal Investigator.** The application of MR-guided HIFU for regionally recurrent unresectable head and neck carcinoma. FUS Foundation. PI: Dr. Justin Lee. Collaborator(s): Dr. Danny Enepekides and Dr. Kevin M.Higgins. 75,000 CAD. [Grants]
- 2012 Jul - 2018 Jun **Principal Site Investigator.** Efficacy of optically guided surgery in the management of early stage oral cancer (COOLS trial). Terry Fox Research Institute (TFRI)/Canadian Cancer Society Research Institute. 25,000
- 2008 Jul - 2011 Jul **Co-Investigator.** Individualization of radical radiation treatment with the use of intra-

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treatment FDG positron emission tomography in advanced head and neck cancer. Ontario Institute of Cancer Research. Collaborator(s): Poon I (Principal Investigator), Wright J, Jager P, Pugachev A, Enepekides DJ (Co-Investigators). 689,814 CAD. [Grants]

Co-Investigator. Rad 51 predicts radio sensitivity in Head and Neck squamous cell carcinoma. Canadian Association of Radiation Oncology. Collaborator(s): Poon I, Enepekides DJ. (Co-Investigators). 25,000 CAD. [Grants]

NON-PEER-REVIEWED GRANTS

FUNDED

2016 Jul

Site Investigator. A randomized Phase 2 trial of neoadjuvant and adjuvant therapy with the IRX-2 regimen in patients with newly diagnosed stage 3 or 4a squamous cell carcinoma of the oral cavity- INSPIRE trial. IRX therapeutics. 85,000. [Industrial Grants]

2. SALARY SUPPORT AND OTHER FUNDING

Personal Salary Support

Surgical Oncology SRF. Cancer Care Ontario.

Trainee Salary Support

5% of overage funds. Sunnybrook Otolaryngology/Head and Neck Surgery Academic Fund. Toronto, Ontario, Canada.

E. Publications

1. MOST SIGNIFICANT PUBLICATIONS

1. **Higgins K**, Enepekides D, Yeung R, Yao C, Ravi A, Lee J, Erovc B. Volumetric Changes of the Anterolateral Thigh Free Flap Following Adjuvant Radiotherapy in Total Parotidectomy Reconstruction. Laryngoscope. Laryngoscope. 2012 April;122(4):767-72. **Principal Author.**
2. **Higgins K**, Ashford B, Erovc BM, Yoo J. Enepekides D. Temporoparietal Fascia Free Flap for Pharyngeal Coverage after Salvage Total Laryngectomy. Laryngoscope. Laryngoscope. 2012 Mar;122(3):523-7. doi: 10.1002/lary.22477. Epub 2011 Dec 6. **Principal Author.**
3. **Higgins K.** Triologic Thesis. What treatment for early stage (Tis/T1a) glottic carcinoma amongst adult patients: CO2 endolaryngeal laser excision versus standard fractionated external beam radiation (50 Gy/4 weeks) is superior in terms of cost-utility? Laryngoscope. 2011 Jan;121(1):116-34. **Principal Author.**
4. Qian W, Haight J, Poon I, Enepekides D, **Higgins K.** Sleep Apnea in Patients with Oral Cavity and Oropharyngeal Cancer after Surgery and Chemoradiation Therapy. Otolaryngol Head Neck Surg. 2010 Aug;143(2):248-52. **Senior Responsible Author.**
5. **Higgins, KM**, Punthakee X. Meta-analysis comparison of open versus percutaneous tracheostomy. Laryngoscope. 2007 Mar;117(3):447-54. **Principal Author.**

2. PEER-REVIEWED PUBLICATIONS

Journal Articles

1. **Higgins KM**, Foreman A, Enepekides DJ. Evaluation of Post-operative Function and Disability after Anterolateral Thigh Free tissue Transfer. Journal of Otolaryngology-Head and Neck Surgery. 2016 Jul 1. In Press. **Senior Responsible Author**.
2. Foreman A, Enepekides DJ, **Higgins KM**. Heat Moisture Exchangers in the Laryngectomy Patient. Objective Outcome Analysis relative to historical control data. Journal of Otolaryngology-Head and Neck Surgery. 2016 Jul. In Press. **Senior Responsible Author**.
3. Lee J, Farha G, Poon I, Karam I, **Higgins K**, Pichardo S, Hynynen K, Enepekides D. Magnetic resonance-guided high-intensity focused ultrasound combined with radiotherapy for palliation of head and neck cancer-a pilot study. Journal of Therapeutic Ultrasound. 2016 Apr 2. **Coauthor or Collaborator**.
4. Justin Lee, Georges Farha, Ian Poon, Irene Karam, **Kevin Higgins**, Samuel Pichardo, Kullervo Hynynen, Danny Enepekides. Magnetic resonance-guided high-intensity focused ultrasound combined with radiotherapy for palliation of head and neck cancer? a pilot study. Journal of Therapeutic Ultrasound. 2016 Mar 29. In Press. **Coauthor or Collaborator**.
5. Hussain Ali Alsaffar, Lindsay Wilson, Dev Kamdar, Faizullo Sultanov, Danny Enepekides, **Kevin Higgins**. Informed Consent- Do information pamphlets improve post-operative risk recall in patients undergoing total thyroidectomy? Journal of Otolaryngology-Head and Neck Surgery. 2016 Feb. **Senior Responsible Author**.
6. Fernandes VT, De Santis RJ, Enepekides DJ, **Higgins KM**. Surgeon-performed ultrasound guided fine-needle aspirate biopsy with report of learning curve; a consecutive case-series study. Journal of Otolaryngology-Head and Neck Surgery. 2015 Oct 28. **Senior Responsible Author**.
7. Karam I, Poon I, Lee J, Liu S, **Higgins K**, Enepekides D, Sahgal A, Lo SS. Stereotactic body radiotherapy for head and neck cancer: an addition to the armamentarium against head and neck cancer. Future Oncol. 2015 Oct. **Coauthor or Collaborator**.
8. Lindsay Wilson, Danny Enepekides, Kevin M. Higgins. Management of oropharyngeal cancer: a cross-sectional review of institutional practice at a large Canadian referral centre. Journal of Otolaryngology-Head and Neck Surgery. 2014 Jun 8. In Press. **Senior Responsible Author**.
9. Eric Monteiro MD, Michael C Sklar MD, Antoine Eskander MD MSc, John R. de Almeida MD MSc, Mark Shrimme MD PhD, Patrick Gullane MD, Jonathan Irish MD MSc, Ralph Gilbert MD, Dale Brown MD, Kevin Higgins MD MSc, Danny Enepekides MD, David P. Goldstein MD MSc. Assessment of the Clavien-Dindo classification system for complications in head and neck surgery. Laryngoscope. 2014 Apr 20. In Press (Trainee publication).
10. Peter R Dixon BSc, Hussain Alsaffar MD FRCS, Sean Symons MPH MD FRCP, Danny Enepekides MD, FRCS, Kevin M Higgins MD MSc FRCS. Neoplastic meningitis presenting with dysphagia and bilateral vocal cord paralysis. Laryngoscope. 2014 Feb 22. In Press. **Senior Responsible Author**.
11. Artur Gevorgyan, MD, MSc, FRCS
Kevin Wong, MD, FRCS
Ian Poon, MD, FRCP
Nick Blanas, DDS
Danny Enepekides, MD, FRCS, FACS
Kevin Higgins, MD, MSc, FRCS. Osteoradionecrosis of the mandible: An institutional experience. Journal of Otolaryngology - Head & Neck Surgery. 2013 Sep 11;2013(42):42-46 (Trainee publication, direct supervision, conception/design/editing of manuscript). **Senior Responsible Author**.
12. Mohan N, Kamdar D, Wright F., Enepekides D, **Higgins K**. The use of the pectoralis major flap elevation approach to Level 3 axillary tumours. Open Access Surgery Journal. 2013 Sep 3;2013(6):33-36. Submitted Oct 26, 2012. (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.

13. Eskander A, Devins G, Freeman J, Wei A, Rotstein L, Chauhan N, Sawka A, Brown D, Irish J, Gilbert R, Gullane P, **Higgins K**, Enepekides D, Goldstein D. How long is too long?--Patients' Opinions and Satisfaction with Their Wait for Thyroid Surgery. *Laryngoscope*. 2013 Feb;123(2):541-7. Epub 2012 Aug 2. (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Co-Principal Author**.
14. Arruda E, **Higgins K**, Erovic B. Role of Sentinel Lymph Node Biopsy in the Management of Merkel Cell Carcinoma. *Journal of Skin Cancer*. vol 2012 (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
15. Yao C, Erovic B, **Higgins K**. Solitary Extramedullary Plasmocytoma of the Thyroid in Hashimoto's Thyroiditis. *Thyroid*. 2012 Aug;22(8):861-2. Epub 2012 Jul 11. (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
16. Eskander A, Devins GM, Freeman J, Wei AC, Rotstein L, Chauhan N, Sawka AM, Brown D, Irish J, Gilbert R, Gullane P, **Higgins K**, Enepekides D, Goldstein D. Waiting for thyroid surgery: A study of psychological morbidity and determinants of health associated with long wait times for thyroid surgery. *Laryngoscope*. 2013 Feb;123(2):541-7. **Co-Principal Author**.
17. Wong K, Raphael S, **Higgins K**, Enepekides DJ. Solitary fibrous tumor of the tongue: case report and review of the literature. *Journal of Pathology*. In Press. **Coauthor or Collaborator**.
18. le Nobel G, **Higgins K**, Enepekides D. Predictors of Complications of Free Flap Reconstruction in Head and Neck Surgery: Analysis of 304 Free Flap Reconstruction Procedures. *Laryngoscope*. 2012 May;122(5):1014-9. doi: 10.1002/lary.22454. Epub 2012 Mar 9 (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
19. Gilbert RW, Goldstein DP, Guillemaud JP, Patel RS, **Higgins K**, Enepekides D. Vertical Partial Laryngectomy with Temporoparietal Free Flap Reconstruction for Recurrent Laryngeal Squamous Cell Carcinoma: Technique and Long-Term Outcomes VPL with TFFR for Salvage of Radiation Failure. *Archives of Otolaryngol Head Neck Surg*. 2012 May;138(5):484-91. **Co-Principal Author**.
20. **Higgins K**, Enepekides D, Yeung R, Yao C, Ravi A, Lee J, Erovic B. Volumetric Changes of the Anterolateral Thigh Free Flap Following Adjuvant Radiotherapy in Total Parotidectomy Reconstruction. *Laryngoscope*. *Laryngoscope*. 2012 April;122(4):767-72. **Principal Author**.
21. **Higgins K**, Ashford B, Erovic BM, Yoo J, Enepekides D. Temporoparietal Fascia Free Flap for Pharyngeal Coverage after Salvage Total Laryngectomy. *Laryngoscope*. *Laryngoscope*. 2012 Mar;122(3):523-7. doi: 10.1002/lary.22477. Epub 2011 Dec 6. **Principal Author**.
22. Jaquet Yves, **Higgins K**, Enepekides D. Radial forearm Donor Site Morbidity: A Matched Comparison Between Ulnar-Based Transposition Flap and Split Thickness Skin Graft. *Archives of Otolaryngology Head and Neck Surgery*. *Arch Otolaryngol Head Neck Surg*. 2012 Jan;138(1):38-43. (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
23. Lai J, **Higgins K**, Blanas N, Klieb H. Ameloblastic Fibrosarcoma: Report of a Case, Study of Immunophenotype and Comprehensive Review of the Literature. *Oral and Maxillofacial Surgery*. 2012 Aug;70(8):2007-12. Epub 2011 Dec 16 (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Co-Principal Author**.
24. Eskander A, Freeman J, Rotstein L, **Higgins K**, Enepekides D, Gilbert R, Brown D, Gullane P, Irish J, Sawka A, Goldstein D. Response rates for mail-out survey-drive studies in patients waiting for thyroid surgery. *Otolaryngol Head Neck Surg*. 2011 Dec;40(6):462-7. (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Coauthor or Collaborator**.
25. Eskander A, **Higgins K**, Blanas N, Klieb N. Color Doppler and Volume Changes--Anterolateral Thigh Flap: The Sunnybrook Experience. *ISRN Surgery*. *ISRN Surg*. 2011; 2011: 241385. (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Principal Author**.
26. Jaquet Y, **Higgins K**, Enepekides D. Pin Guidance of Reconstruction Plate Contour: An Expanded Role of External Fixation. *Laryngoscope*. 2011 Sep;121(9):1896-8. doi: 10.1002/lary.21905. Epub 2011 Aug 16. **Co-Principal Author**.

27. Wong K, Enepekides DJ, **Higgins KM**. Cost-Effectiveness of Simultaneous Versus Sequential Surgery in Head and Neck Reconstruction. *Otolaryngology Head and Neck Surgery*. Journal of Otolaryngology Head and Neck Surgery. 2011 Feb;40(1):48-53 (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
28. Wong K, Enepekides D, **Higgins K**. Cost effectiveness analysis of 2-team microsurgical procedures at Sunnybrook Health Sciences Centre. *Head & Neck*. Head & Neck. 2011 Feb;40(1):48-53. (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
29. **Higgins K**. Triologic Thesis. What treatment for early stage (Tis/T1a) glottic carcinoma amongst adult patients: CO2 endolaryngeal laser excision versus standard fractionated external beam radiation (50 Gy/4 weeks) is superior in terms of cost-utility? *Laryngoscope*. 2011 Jan;121(1):116-34. **Principal Author**.
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Case Reports

1. Crowson MG., **Higgins KM**, Yeung R., Raphael S., Lin V. Primary Angiosarcoma of the Temporal Bone in a 55-year-old Male with Audiovestibular Symptoms. In Press (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Co-Principal Author**.

Book Chapters

1. **Higgins, KM**
Enepekides DJ. Contemporary Management of Scalp Defects. *Sataloff's Comprehensive Textbook of Otolaryngology*. In Press. **Co-Principal Author**.
2. Luke Harris, Danny Enepekides and **Kevin Higgins**. Chapter 11
Management of Early Glottic Cancer
by Luke Harris, Danny Enepekides and Kevin. *Otolaryngology*. Edited by Balwant Singh Gendeh, ISBN 978-953-51-0624-1, Hard cover, 198 pages, Publisher: InTech, Published: May 23, 2012. **Co-Principal Author**.

Letters to Editor

1. Mazin Merdad MPH MD FRCSC, **KM Higgins** MSc MD FRCSC FACS. In reference to "Vascularized tissue to reduce fistula following salvage total laryngectomy: A systematic review". *Laryngoscope*. 2015 Aug 1. **Co-Principal Author**.

In Preparation

1. Enepekides DJ, Andrews AH, **Higgins KM**, Seth A. Evaluation of Intratumoral HAHH Expression as a Marker of Malignancy. 2015. **Co-Principal Author**.

3. NON-PEER-REVIEWED PUBLICATIONS

Journal Articles

1. Michael Chan, **Kevin Higgins**, Danny Enepekides, Ian Poon, Sean Symons, Rahim Moineddin, Allan Fox, Ian Wenreb, Omid Shearkhani, AMy Chen, Pejman Maralani. Radiologic Differences between Human Papilloma Virus (HPV)-related Compared to Human Papilloma-unrelated oropharyngeal Carcinoma on Diffusion Weighted Imaging. American Journal of Neuroradiology. 2016 Jul 1. In Press. **Coauthor or Collaborator**.
2. Anastasia Shamsuyarova, M.D.; Zeina Ghorab, MD, MSc; **Kevin Higgins**, MD., M.Sc., FRCSC; Hagen Klieb, DMD, MSc, FRCD(C). Bilateral palatal ulcers in a patient on immunosuppressive therapy. Oral Surgery, Oral Medicine, Oral Pathology, Oral Radiology. 2016 Mar. **Coauthor or Collaborator**.
3. Wong KH, **Higgins KM**, Enepekides DJ. Microvascular Reconstruction in the Vessel-Depleted Neck. Curr Opin Otolaryngol Head Neck Surg. 2010 August 18(4):223-6. (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
4. **Higgins KM**, Dalgorf D. Reconstruction of the Midface and Maxilla. Current Opinion in Otolaryngology and Head & Neck Surgery, 2008 Aug;16(4):303-11. **Senior Responsible Author**.
5. Harris L, **Higgins K**, Enepekides D. Local Flap Reconstruction of Acquired Lip Defects. Current Opinion in Otolaryngology and Head and Neck Surgery. 2012 Aug;20(4):254-61. (Trainee publication, direct supervision, conception/drafting/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.

Books Edited

1. England J., Perera S. The Head and Neck. The Essentials of Clinical Examination Handbook. University of Toronto Press, 6th edition (Trainee publication, direct supervision, conception/design/editing of chapter, students principal authors). **Editor**.

Book Chapters

1. **Higgins K**. Free Flap Reconstruction: Radial Forearm Free Flap. Reconstruction of the Head and Neck volume of the new series, Masters Techniques in Otolaryngology-Head and Neck Surgery. Eugene Myers, Editor Lippincott Williams & Wilkins, Publishers. To be published Oct.2012. **Principal Author**.
2. **Higgins K**. Skin Graft. Reconstruction of the Head and Neck Volume of the New Series, Masters Techniques in Otolaryngology-Head and Neck Surgery. Eugene Myers, Editor. Lippincott Williams & Wilkins, Publishers. To be published Oct.2012.
3. England James , Perera Sheron. The Head and Neck Exam. Essentials of Clinical Examination Handbook. University of Toronto Press, 2013 (Trainee publication, Primary authorship). **Senior Responsible Author**.
4. Givi B, **Higgins K**. Oral Cavity and Oropharyngeal Cancers and Sleep. Handbook of Nutrition, Diet and Sleep. Human Health Handbooks series - ISSN 2212-375X (Trainee publication, direct supervision, conception/design/editing of chapter, trainee principal author). **Principal Author**.

In Preparation

1. Jozaghi, Y, Enepekides DJ, **Higgins KM**. Case study cost analysis of pre-operative surgical planning and 3-D modelling for mandibular reconstruction with osseous free tissue transfers. 2015. **Senior Responsible Author**.

Other Publications

1. Monteiro E, Sklar M, Eskander A, deAlmedia JR, Shrimme M, Gullane P, Irish J, Gilbert R, Brown D, **Higgins K**, Enepekides D, Goldstein D. Complications in Head and Neck Surgery- a novel method for collecting and grading surgical complications. Laryngoscope. In Press. **Coauthor or Collaborator**.

4. SUBMITTED PUBLICATIONS

Journal Articles

1. Czerwonka L, Goldstein D, Enepekides D, Dort, J, **Higgins KM**. Nonmelanotic Skin Cancer: a multi-centre Canadian study. Is the current staging system with respect to intra-parotid nodal metastatic nodal burden adequate? Laryngoscope. 2016 Jul 1. **Senior Responsible Author**.
2. Amanpreet Dhillon, Darby Erler, Ian Poon, MD, Justin Lee, MD, Danny Enepekides, MD, **Kevin Higgins**, MD, Lee Chin, PhD, and Irene Karam, MD. The Impact of Correcting for Translational and Rotational Errors Using the HexaPOD in Head and Neck Stereotactic Body Radiation Therapy Patients. Radiation Oncology. 2015 Nov 16. **Coauthor or Collaborator**.
3. Kerr P, **Higgins KM**, Seikaly H. T3 laryngeal carcinoma, a comparative survival analysis. Journal of Otolaryngology-Head and Neck Surgery. 2015. **Co-Principal Author**.
4. Drew Brotherston, B.Sc.,a Ian Poon, M.D., F.R.C.P.(C.),a Raheem Peerani, M.D., Ph.D.,b Simon Raphael, M.D., F.R.C.P.(C.),c Kevin Higgins, M.D., F.R.C.S.(C.),d Dan Enepekides, M.D., F.R.C.S.(C.),d Justin Lee, M.D., F.R.C.P.(C.),a Jean Davidson, M.D., F.R.C.S.(C.),d and Martin Yaffe, Ph.D. Tumor Shrinkage Associated with Whole-Mount Histopathologic Techniques in Oral Tongue Carcinoma. Pathology-Research and Practice. 2014 Jul 1. **Coauthor or Collaborator**.
5. Michael C. Sklar, MD, Mazin Merdad, MD, MPH, Antoine Eskander, MD, ScM, Ibrahim Kayyal, BSc, MD,Jeremy L. Freeman, MD, FRCSC, **Kevin Higgins** MD MSc. Thyroid Cancer Citation Classics: A Bibliographic Analysis to Measure Publication Impact. Thyroid. 2014 Apr 9 (Trainee publication). **Senior Responsible Author**.
6. Marc A. Cohen, Babak Givi, Benjamin J. Dixon, Eric Monteiro, Ralph W. Gilbert, Patrick J. Gullane, Dale H. Brown, Jonathan C. Irish, Kevin M. Higgins, Danny J. Enepekides, Sophie Huang, John Waldron, Brian O'Sullivan, David P. Goldstein. Salvage Surgery For Oropharyngeal Squamous Cell Carcinoma. Otolaryngology-Head and Neck Surgery (Trainee publication, recruited patients, data abstraction, database sharing, manuscript revision). **Coauthor or Collaborator**.
7. Lindsay Wilson, Jason Rich, Jeremy Gilbert, Danny Enepekides. Kevin M. Higgins. Correlation of post-operative unstimulated thyroglobulin levels with stimulated thyroglobulin levels and post-ablative iodine scans. Thyroid. 2013 Aug 8. **Senior Responsible Author**.
8. Lindsay Wilson, Danny Enepekides, Kevin M. Higgins. Sentinel lymph node biopsy (SLNB) for the management of melanoma of the head and neck-a retrospective, cross-sectional review of a surgical practice at a large Canadian referral centre. Journal of Otolaryngology-Head and Neck Surgery. 2013 Aug 8. **Senior Responsible Author**.
9. Lindsay Wilson, Greg Czarnota MD PhD, **Kevin Higgins** MD MSc. Use of elastography to quantify lymphedema of the head and neck. Laryngoscope. 2013 Aug 1. **Senior Responsible Author**.
10. Wolter N, **Higgins K**. PET-CT in Staging and Predicting Response to Therapy in Patients with Head and Neck Advanced Cancer. International Journal of Otolaryngology (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.
11. Jaquet Yves, **Higgins K**, Enepekides D. A Pilot and Validation Study on Post-Ablative Defect Assessment and Determination of Free Tissue Volume Requirement. Archives of Otolaryngology Head & Neck Surgery. Submitted to Archives of Otolaryngology Head & Neck Surgery, Aug. 2012. (Trainee publication, direct supervision, conception/design/editing of manuscript, trainee principal author). **Senior Responsible Author**.

Other Publications

1. Maralani, Shobhit, Jabehtar Maralani, Pejman, Howard Peter, **Higgins KM**. Retropharyngeal effusion in acute longus colli tendinitis. AJRN. **Coauthor or Collaborator**.

2. Vinay Fernandes, Danny Enepekides, **Kevin Higgins**. Surgeon-Directed Ultrasound Guided Thyroid Fine Needle-aspiration in Canada: a paradigm shift? Journal of Otolaryngology-Head and Neck Surgery. **Senior Responsible Author**.
3. Irene Karam, Ian Poon, Justin Lee, Stanley Liu, **Kevin Higgins**, Danny Enepekides, Arjun Sahgal, Simon S Lo. STEREOTACTIC BODY RADIOTHERAPY FOR HEAD AND NECK CANCER: AN ADDITION TO THE ARMAMENTARIUM AGAINST HEAD AND NECK CANCER. Head and Neck. **Coauthor or Collaborator**.

F. Presentations and Special Lectures

1. INTERNATIONAL

Invited Lectures and Presentations

- 2016 Jul 18 **Invited Speaker**. Lunch with the Professors-Management of Combined Modality Toxicities. AHNS 9th International Conference on Head and Neck Cancer. Seattle, United States. Presenter(s): **Kevin Higgins**, Bevan Yueh, Jolie Ringash.
- 2015 Sep 27 **Invited Speaker**. Contemporary Reconstruction of the midface/cheel with microvascular free tissue transfer. Amercian Academy of Otolaryngology-Head and Neck Surgery. United States. Presenter(s): **KM Higgins**, Brian Nussbaum, Jason Rich, David Goldstein.
- 2015 Sep 27 Advanced Skin Cancer of the Scalp and Cheek: Reconstructive Paradigms. American Academy of Head and Neck Surgery AAO_HNSF Annual Meeting. United States. Presenter(s): Kevin M **Higgins** MSc MD FRCSC FACS.
- 2014 May 14 **Member. 2014 Triological Society's Combined Sections Meeting Program Planning Committee**. Member. 2014 Triological Society's Combined Sections Meeting Program Planning Committee. Combined Otolaryngology Sections Meeting (COSM). Las Vegas, Nevada, United States.
- 2013 May 15 **Invited Lecturer**. 4th World Congress. Interational Academy of Oral Oncology. Rhodes, Greece. Presenter(s): Dr. **Kevin Higgins**. Microvascular Reconstruction and the Oral Cavity Defect, Panel Discussion:Reconstructive Techniques in the era of tissue engineering, Presentation: The human allotransplant cimera, a reality or a contradiction.
- 2013 Apr 7 **Invited Speaker**. Managment of Parasymphyseal Fractures. AO Society. Quebec, Quebec, Canada.
- 2013 Apr 7 **Invited Speaker**. Video presentaion on Lag Screw Fixation. AO Society. Quebec City, Quebec, Canada. Presenter(s): **KM Higgins**.
- 2012 Nov 5 **Panel Member, Presenter and Faculty**. Current Concepts in Head and Neck Surgery. Toronto, Ontario, Canada. Presenter(s): **Higgins K**. Stump the Faculty Video Session. MaRS Auditorium. November 5-6, 2011.
- 2012 Jul 21 **Chair**. Quality of Life in the Age of Organ Preservation Protocols. American Head adn Neck Society 8th International Conference on Head and Neck Cancer. Toronto, Ontario, Canada. Presenter(s): **Higgins K**. Metro Toronto Convention Centre. July 21-25, 2012.
- 2011 Aug 27 **Invited Speaker**. Midface Anatomy, Approaches and Buttresses. AO Craniomaxillofacial Symposium. Montreal, Quebec, Canada. Presenter(s): **Higgins, KM**. August 27-28, 2011. (Continuing Education).
- 2010 Oct 29 **Invited Speaker**. AO Craniomaxillofacial Symposium. Hospital for Sick Children. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM**. October 29-30, 2010. (Continuing Education).
- 2010 May 19 Head & Neck Cancer: Our 2-Team Approach to Improve Efficiency. Australian College of Operating Room Nurses 14th National Conference. Perth, Australia. Presenter(s): **Higgins, KM**. May 19-22, 2010.

- 2010 Mar 6 **Invited Speaker.** "Maxillofacial/Mandibular Anatomy". AO Principle Faculty, AO North America Craniomaxillofacial Operating Room Personnel Course. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM.** (Continuing Education).
- 2009 Oct 29 **Invited Lecturer.** "Head and Neck Reconstruction Update". Shanghai, China. Presenter(s): **Higgins, KM.** October 29-November 8, 2009.
- 2009 Oct 29 **Invited Lecturer.** Endocrine Surgery Update (Surgical Management of Retrosternal Goiter and Hyperthyroidism). Shanghai, China. Presenter(s): **Higgins, KM.** October 29-November 8, 2009.
- 2008 Jul 19 **Invited Speaker.** Cost-Utility Analysis of CO2 Laser Excision vs. Standard Fractionated External Beam Radiation & Color Flow Doppler Assessment of the Anterolateral Thigh: Intraoperative Correlation & Utility Assessment. American Head & Neck Society 7th International Conference on Head & Neck Cancer. San Francisco, California, United States. Presenter(s): **Higgins, KM.** July 19-23, 2008.
- 2008 May 1 **Invited Speaker.** Squamous Cell Carcinoma from an Unknown Head & Neck Primary Site: A Selective Treatment Approach. Combined Otolaryngology Spring Meeting. Orlando, Florida, United States. Presenter(s): **Higgins, KM.** May 1-4, 2008.
- 2007 Apr 12 **Invited Speaker.** Minimally Invasive Surgical Management of Thyroid and Parathyroid Disorders. Augusta, Georgia, United States. Presenter(s): **Higgins, KM.** April 12-14, 2007.
- Chair.** Quality of Life in the Age of Organ Preservation Protocols. Toronto. Presenter(s): **Kevin Higgins** and Bevan Yueh. 8th International Conference on Head and Neck Cancer.

Presented Abstracts

- 2012 Jul 22 **Facilitator.** SALVAGE SURGERY FOR SQUAMOUS CELL CARCINOMA OF THE OROPHARYNX. 8th International Conference on Head and Neck Cancer, American Head and Neck Society. Toronto, Ontario, United States. Presenter(s): Marc A Cohen, MD, Ben J Dixon, MD, Eric Monteiro, MD, Ralph W Gilbert, MD, Patrick J Gullane, MD, Dale H Brown, MD, Jonathan C Irish, MD, Kevin M Higgins, MD, Danny J Enepekides, MD, David P Goldstein, MD. P484. (Trainee Presentation).
- 2011 Apr 27 Radial Forearm Donor Site Morbidity: A Matched Comparison Between Ulnar-Based Transposition Flap and Split Thickness Skin Graft. Combined Otolaryngology Spring Meeting (COSM). Chicago, Illinois, United States. Presenter(s): **Higgins, KM.** April 27-28, 2011. Poster presentation.

Media Appearances

- 2006 Oct **Featured Surgeon.** "The Checkup That Can Save Your Life-Think your dentist can spot only your cavities?". Reader's Digest. Presenter(s): **Higgins, KM.** Cover story.

2. NATIONAL

Invited Lectures and Presentations

- 2010 May 23 "Cost effectiveness analysis of 2-team microsurgical procedures at Sunnybrook Health Sciences Centre.". CSO 64th Annual Meeting. Niagara Falls, Ontario, Canada. Presenter(s): Kevin Wong, **Kevin Higgins,** Danny Enepekides. May 23-25, 2010.
- 2007 Nov 9 **Invited Speaker.** Post-ablative Maxillectomy Reconstruction. Microvascular Free Flap Reconstruction of the Maxillary Defect. Stryker Craniomaxillofacial Symposium – Adult & Pediatric. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM.** November 9-10, 2007. (Featured Live-Surgery Broadcast). (Continuing Education).
- 2006 Nov 2 **Invited Speaker.** Post-Maxillectomy Reconstruction. Stryker Craniomaxillofacial Symposium – Adult & Pediatric. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM.** November 2-3, 2006. (Continuing

Education).

- 2006 Nov 2 **Featured Live-Surgery Demonstrator.** Microvascular Free Flap Reconstruction of the Maxillary Defect. Stryker Craniofacial Symposium – Adult & Pediatric. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM**. November 2-3, 2006. (Continuing Education).
- 2005 Jun 19 Diagnosis and Treatment of Supraglottic Laryngeal Paraganglioma: A Report of a Case. 59th Annual Meeting of The Canadian Society of Otolaryngology- HNs. St. John's. Presenter(s): **Higgins KM**, Vescan A. June 19-22, 2005.
- Speaker.** Stump the Faculty, Complex Case Discussion. Department of Otolaryngology/Head and Neck Surgery, University of Toronto. Toronto. Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease.
- Facilitator.** Lunch With The Professor: Complex Case Discussion. Controversies and Dilemmas in the Management of Thyroid and Parathyroid Diseases. Toronto, Canada. Presenter(s): Dr. Bryan MacIver, Dr. Keith Heller.

Presented Abstracts

- 2010 May 23 **Presenter.** "Osteoradionecrosis stage 4 and recalcitrant stage 3-The Sunnybrook Experience". CSO 64th Annual Meeting. Niagara Falls, Ontario, Canada. Presenter(s): Kevin Wong, **Kevin Higgins**, Danny Enepekides. May 23-25, 2010. (Trainee Presentation).
- 2006 May **Presenter.** Role of CT/PET Fusion in the Management of Well Differentiated Thyroid Cancer. Canadian Society of Otolaryngology, Annual Meeting. Kelowna, British Columbia. Presenter(s): **Higgins, KM**. (Trainee Presentation).
- 2005 Jun 19 **Poster Presentation.** Extracranial Hypoglossal Schwannoma Presenting As A Mass in the Submandibular Triangle Without Hypoglossal Nerve Palsy. 59th Annual Meeting of The Canadian Society of Otolaryngology- HNs. St. John's. Presenter(s): Waseem Z, **Higgins KM**. June 19-22, 2005. (Trainee Presentation).
- 2005 Jun 19 **Poster Presentation.** Metastatic Basal Cell Carcinoma of the Head and Neck Secondary Renal Cell Carcinoma of the Head and Neck. 59th Annual Meeting of The Canadian Society of Otolaryngology- HNs. St. John's. Presenter(s): **Higgins KM**. June 19-22, 2005. (Trainee Presentation).
- 2004 May 16 **Presenter.** The Submental Island Flap: A regional and free flap with a myriad of reconstructive applications. 58th Annual Meeting of The Canadian Society of Otolaryngology- HNs. Quebec City, Quebec. Presenter(s): **Higgins KM**. May 16-19, 2004.
- 2004 May 16 **Poster Presentation.** The Suprahyoid Release to the Hypopharynx: An open approach for inaccessible impacted metallic foreign bodies. 58th Annual Meeting of The Canadian Society of Otolaryngology- HNs. Quebec City, Quebec. Presenter(s): **Higgins KM**. May 16-19, 2004.
- Presenter.** T3 laryngeal cancer survival rates: radiation/chemoradiation versus total laryngectomy. Canadian Society of Otolaryngology-HNS Annual Meeting. Winnipeg, Manitoba, Canada. Presenter(s): Paul Kerr, Peter Dzieglewski, Hadi Seikaly, Pascal Lambert, **Kevin Higgins**.

Presented and Published Abstracts

- 2016 Jun 16 **Presenter.** Heat and Moisture Exchanger Reduces in-Hospital Complications Following Total Laryngectomy: A case control study. CSO-HNS. Charlottetown, Prince Edward Island, Canada.
- Publication Details:*
Heat and Moisture Exchanger Reduces in-Hospital Complications Following Total Laryngectomy: A case control study.
- 2016 Jun 16 **Presenter.** Staging Cutaneous Squamous Cell Carcinoma Metastases to the Parotid Gland. CSO-HNS.

Kevin McLoughlin Patrick HIGGINS

Charlottetown, Prince Edward Island, Canada.

Publication Details:

Staging Cutaneous Squamous Cell Carcinoma Metastases to the Parotid Gland.

Media Appearances

2006 Feb 8 "Thyroidectomy" – TV Documentary "Heartbeats". Women's Network Channel. Canada. Presenter(s): **Higgins, KM.**

poster

2016 Jun 11 **Presenter.** Motor and Sensory Donor Site Morbidity Associated with Anterolateral Thigh Perforator Flap: A Pilot Study. CSO-HNS. Ontario, Canada.

Poster presentation

2016 Jun 16 **Presenter.** Intraoperative Evaluation of Head and neck Reconstruction using Laser Assisted Fluorescent Dye Angiography. CSO-HNS. Prince Edward Island, Canada.

3. PROVINCIAL / REGIONAL

Invited Lectures and Presentations

2013 May 22 **Invited Speaker.** Melanoma Update. Dr. Mateya Trinkaus, Medical Oncology, Markham Stouffville Hospital. Markham, Ontario, Canada. Presenter(s): Drs. **Kevin Higgins** and Ian Poon.

2011 May 25 **Instructor.** Ultrasound Techniques for the Head and Neck Surgeon: An Introductory Workshop. Part of CSO Head and Neck Surgery Section organized by Dr. R. Gilbert, Dr. M. Taylor. Victoria, British Columbia, Canada. Presenter(s): **Higgins K.**

2010 Nov 5 **Lecturer.** The Role of Microvascular Surgeon in the Facial Plastic Reconstructive Ladder. Division of Facial Plastic and Reconstructive Surgery, Department of Otolaryngology/Head and Neck Surgery. Canada. Presenter(s): **Higgins, KM.** "The Cutting Edge". Facial Plastic and Reconstructive Surgery 2010.

2004 Aug **Invited Speaker.** Free Flap Reconstruction. Oncology Rounds, Toronto Sunnybrook Regional Cancer Centre. Ontario, Canada. Presenter(s): **Higgins, KM.**

Media Appearances

2016 Jun The Doctor Can Aspirate You Now. Interviewer: Eleni Kanavas. SRI Magazine.

2011 Mar 31 "Throat Cancer on the Increase". Toronto Star. Ontario, Canada. Presenter(s): **Higgins, KM.** Cancer awareness section. Author: Paul Dalby.

2011 Jan 11 Lifetime Health segment. CFTO TV (Channel 9, Cable 8) News. Ontario, Canada. Presenter(s): **Higgins, KM,** Chan, Pauline.

4. LOCAL

Invited Lectures and Presentations

2013 Jul 13 **Invited Speaker.** World Congress on Thyroid Cancer. Toronto, Ontario, Canada. Video session.

- 2013 Mar 22 **Presenter.** Contemporary Management of Melanoma and the OCC Head and Neck SLN experience. University of Toronto Faculty of Medicine Department of Otolaryngology. Ontario, Canada. Presenter(s): **KM Higgins** MSc MD FRCSC.
- 2013 Feb 2 **Invited Lecturer.** Management of Oropharyngeal Cancer. OTOHNS Update, Inuiversity of Toronto, Department of Otolaryngology/Head and Neck Surgery. Toronto, Canada. Presenter(s): Dr. **Kevin Higgins.**
- 2012 Jul 21 **Presenter.** American Head and Neck Society International Conference on Head and Neck Surgery. Toronto, Ontario, Canada. Presenter(s): **Higgins K.** ACS Exported Ultrasound Course Demonstrator. Metro Toronto Convention Centre.
- 2012 Jul 18 **Invited Speaker.** University of Toronto Microvascular Head and Neck Reconstruction Course. Toronto, Ontario, Canada. Presenter(s): **Higgins K.** Mt. Sinai Hospital. July 18-20, 2012.
- 2012 Mar 1 **Invited Speaker.** HPV and Head and Neck Cancer and Interesting Cases Discussion. West End Journal Club. Toronto, Ontario, Canada. Presenter(s): **Higgins K.**
- 2012 Feb 2 **Invited Lecturer.** Dealing with Tracheotomy issues. Toronto, Ontario, Canada. Presenter(s): **Higgins K.** Invited Education Session Lecture for Respiratory Therapists.
- 2011 Jun 11 **Moderator.** Controversies and Dilemmas in the Management of Thyroid and Parathyroid Disease. Mt. Sinai Hospital. Toronto, Ontario, Canada. Presenter(s): **Higgins, Kevin McLoughlin Patrick.** June 11-12, 2011.
- 2011 Jun 3 **Invited Speaker.** Management of Carcinoma of the Larynx. UHN, TGH. Toronto, Ontario, Canada. Presenter(s): **Higgins K.**
- 2011 Feb 23 **Invited Lecturer.** Advances in the Diagnosis and Treatment of Head and Neck Cancer. Wellspring Discussion Series, Wellspring Westerkirk House at Sunnybrook. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM.**
- 2010 Jun 16 **Invited Speaker.** "Implementation of an Inter-Professional Vocal Cord Procedure Clinic." Odette Cancer Centre Inter-Professional Day, Sunnybrook Hospital. Toronto, Ontario, Canada. Presenter(s): Tracy DasGupta RN, Joanne Grey SLP, **Kevin Higgins,** Danny Enepekides. Poster presentation. (Trainee Presentation).
- 2007 Feb 1 **Invited Speaker.** Head and Neck Surgery Update. 2nd Annual Surgical Oncology Education Day, Sunnybrook Hospital Auditorium. Toronto, Ontario, Canada. Presenter(s): **Higgins, KM.**
- 2004 **Invited Speaker.** Microvascular Surgery-A Year in Review. Grand Rounds, University of Toronto, Department of Otolaryngology. Ontario, Canada. Presenter(s): **Higgins, KM.** (Continuing Education).
- 2003 **Invited Speaker.** The Mount Sinai Hospital, New York City Fellowship Experience. Grand Rounds, Department of Otolaryngology, University of Toronto. Ontario, Canada. Presenter(s): **Higgins, KM.** (Continuing Education).

Presented Abstracts

- 2012 Jul 21 **Presenter.** Temporoparietal Fascia Free Flap for Pharyngeal Coverage after Salvage Total Laryngectomy and Volumetric Changes of the Anterolateral Thigh Free Flap Following Adjuvant Radiotherapy in Total Parotidectomy Reconstruction and Predictors of Complications of Free Flap Reconstruction in Head and Neck Surgery: Analysis of 304 Free Flap Reconstructio Procedures. 8th International Conference on Head and Neck Cancer 2012. Toronto, Ontario, Canada. Presenter(s): **Higgins K.** July 21-25, 2012.

Media Appearances

- 2012 Jan 31 **Speaker.** Lifetime Health Segment. Pauline Chan of CFTO TV (Channel 9, Cable 8) News. Toronto, Ontario, Canada. Presenter(s): **Higgins K.**

2011 Aug **Speaker.** Sunnybrook Researchers Conduct Critical Oral Cancer Surgical Study. Natalie Chung Sayers. Ontario, Canada. Presenter(s): **Higgins K.** Your Health Matters, Sunnybrook News, Issue #6, August 2011.

5. OTHER

Invited Lectures and Presentations

2010 Nov 5 **Course Director.** "The Cutting Edge". Facial Plastic and Reconstructive Surgery 2010. Presenter(s): **Higgins, KM.**

Media Appearances

2013 Aug 8 **Speaker.** The rising HPV associated-malignancy epidemic. Global TV. Canada.

G. Teaching and Design

Teaching Philosophy and Dossier
Kevin M. Higgins, MSc, MD, FRCSC
Assistant Professor
Department of Otolaryngology-Head and Neck Surgery

Surgical education continues to evolve. Emerging technologies, increasing time pressure and constraints, budgetary restrictions all continue to challenge surgical educators. Navigating through these challenges is imperative for the modern surgical teacher who has to balance these emerging issues with the ability to mentor the trainee, to patiently explain the nuance, the intrinsic art and science, but above all else also to demonstrate caring, compassion, and empathy for the patient who remains at the cornerstone of the practice of medicine and surgery. In my opinion, the most successful surgeon is not only a great technician and superb researcher, but also a skilled pedagogue. This is arguably the most important as it relates not only to the current, here and now, but for the future, and a future that can be enhanced by building on previous knowledge that is disseminated. I like to challenge trainees to think critically, to continue to strive towards technical excellence, and to be inquisitive.

- 1) My particular areas of interest include POCUS (point of care ultrasound) training to Otolaryngology-Head and Neck trainees, such that ultrasound imaging of the neck becomes second-nature and an adjunctive to the history and physical examination. Undergraduate ultrasound teaching is in its infancy in Canadian medical schools according to Dr. Michael Wiley. This fall sees the start of the University of Toronto's bedside ultrasound program as part of the Structure and Function (STF 111Y Anatomy) curriculum. On Oct. 31, 2013 I will be the only surgical educator as part of this endeavor to couple surface anatomy learning, cadaveric dissection with the corresponding sonoanatomy (how the anatomy looks with ultrasound). I have been course faculty in both American College of Surgeons and Canadian Society of Otolaryngology-Head and Neck Surgery courses on ultrasound applications.
- 2) An additional area of surgical teaching excellence is in the area of operative microsurgery. Apart from teaching clinical fellows over the last 10 years, I have been fortunate enough to be course faculty of both University of Toronto Microvascular Head and Neck reconstruction courses (2009, 2012). Future direction will include development of undergraduate and postgraduate curricula in microsurgical skills including motion capture technology at the newly opened Sunnybrook Canadian Simulation Centre.
- 3) The final area of interest is in cranio-maxillofacial surgical education. I have been a hands-on lab instructor, live surgery demonstrator and course faculty at the University of Toronto, Department of Otolaryngology-Head and Neck Surgery Plating courses (2009, 2011, 2012), and the Advanced Pediatric and Adult Craniomaxillofacial Symposia (2007,2012). I became an AO (Association for Osteosynthesis/Association for the Study of Internal Fixation) Faculty Member in 2008. I have been faculty at two Principles of Operative Fracture Management Courses (2012, 2013), as part

Kevin McLoughlin Patrick HIGGINS

of national and international faculty in Oral Maxillofacial Surgery and Plastic Surgery, as lectures, small group session leader and hands-on laboratory demonstrator.

Teaching Career Snap-shot (complete teaching dossier appended)

2006, 2013 Member, Postgraduate CaRMS Selection Committee, Department of Otolaryngology-Head and Neck Surgery, Faculty of Medicine, University of Toronto

2007 - 2010 Journal Club Co-Coordinator, Department of Otolaryngology-Head and Neck Surgery, University of Toronto, Ontario, Canada

2006 - 2010 Member, Undergraduate Committee, Department of Otolaryngology-Head and Neck Surgery, Faculty of Medicine, University of Toronto

2003 - present Focus on postgraduate trainee clinical and research supervision. This focus is facilitated by pre-operative, intra-operative and post-operative engagement. Trainees are taught using the CanMEDS principles in both formal and informal settings.

2003 - 2004 Nominated Teacher of the Year, Department of Otolaryngology-Head and Neck Surgery, University of Toronto, Ontario, Canada. (Distinction)

With respect to clinical fellows, I have had the pleasure to train over 14 national and international fellows in microsurgery who have returned to their sponsoring institutions and are all engaged in advanced head and neck surgical practices.

Past National and International Fellows List:

Dr. JP Fortier, Sherbrooke University, QC

Dr. Michael Odell, University of Ottawa, ON

Dr. Jason Franklin, Queen's University, Kingston, ON

Dr. Roger Mourkarbel, American University of Beirut, Lebanon

Dr. Gideon Bachar, Rabin Medical Center, Israel

Dr. Jason Rich, Washington University, St. Louis, USA

Dr. Emma Barker, University of Southampton, UK

Dr. Rajan Patel, University of Auckland, New Zealand

Dr. Bruce Ashford, Liverpool Hospital, Sydney, Australia

Dr. Yves Jaquet, CHUV, Lausanne, Switzerland

Dr. Stephan Haerle, University of Zurich, Switzerland

Dr. Boban Erovic, Medical University of Vienna, Austria

Dr. Babak Givi, NYU, New York, New York

Established out-reach with Dr. Wei Qian (Vice Dean of Education, Chair Otolaryngology) University of Jiangxu, Zhen-Jiang, China.

1. INNOVATIONS AND DEVELOPMENT IN TEACHING AND EDUCATION

2010 Nov Co-Course Director, Multilevel Education, Faculty of Medicine, Dept of Otolaryngology - Head & Neck Surgery
"The Cutting Edge" Facial Plastic and Reconstructive Surgery 2010.

H. Research Supervision

1. PRIMARY OR CO-SUPERVISION

Multilevel Education

- 2012 Jul - 2013 Jun **Primary Supervisor.** Lindsay Wilson. *Management of oropharyngeal cancer: a cross-sectional review of institutional practice at a large Canadian referral centre.* Collaborator(s): Danny Enepekides.
- 2012 Jul - 2013 Jun **Primary Supervisor.** Vinay Fernandes MD. *Surgeon-Performed Ultrasound Guided FNAB: the Sunnybrook Experience.* Collaborator(s): Danny Enepekides.
- 2006 Jul - 2013 Jun **Primary Supervisor.** Lindsay Wilson. *Sentinel lymph node biopsy (SLNB) for the management of melanoma of the head and neck – a retrospective, cross-sectional review of surgical practice at a large Canadian referral centre.* Collaborator(s): Danny Enepekides.

Undergraduate MD

- 2012 Jul - 2013 Jun **Primary Supervisor.** Joshua Gurgerg. Supervisee Position: 4th year medical student McGill University Faculty of Medicine, Supervisee Institution: McGill University.

Postgraduate MD

- 2013 Jul - 2013 Dec **Co-Supervisor.** Clinical Fellow. Dr. Hussain Alsaffar. Supervisee Position: Clinical Fellow. *Predicting Regional Metastatic Disease in Advanced Non-Melanotic Skin Cancer.* Collaborator(s): Danny Enepekides.
- 2013 Jan - 2013 Mar **Primary Supervisor.** Core Program. Vinay Fernandes. Supervisee Position: PGY 3, Supervisee Institution: University of Toronto. *Surgeon-Directed US-guided FNAB: the Sunnybrook Experience.* Collaborator(s): Danny Enepekides.
- 2012 Jan - 2012 Jun **Co-Supervisor.** Clinical Fellow. Dr. Jason Rich. Supervisee Position: Consultant Head and Neck Surgeon, Supervisee Institution: Washington University Medical School. Collaborator(s): Dr. Danny Enepekides.
- 2011 Jul - 2011 Dec **Co-Supervisor.** Clinical Fellow. Dr. Babak Givi. Supervisee Position: Consultant Head and Neck Surgeon, Supervisee Institution: NYU. Collaborator(s): Dr. Danny Enepekides.
- 2011 Jan - 2011 Jun **Co-Supervisor.** Clinical Fellow. Dr. Boban Erovic. Supervisee Position: Consultant Head and Neck Surgeon, Supervisee Institution: Vienna, Austria. Collaborator(s): Dr. Danny Enepekides.
- 2010 Jan - 2010 Jun **Co-Supervisor.** Clinical Fellow. Dr. Yves Jaquet. Supervisee Position: Consultant Head and Neck Surgeon, Supervisee Institution: Lausanne, Switzerland. Collaborator(s): Dr. Danny Enepekides.
- 2009 Jul - 2009 Dec **Co-Supervisor.** Clinical Fellow. Dr. Kevin Wong. Supervisee Institution: UBC. Collaborator(s): Dr. Danny Enepekides.
- 2008 Jul - 2008 Dec **Co-Supervisor.** Clinical Fellow. Dr. Rajan Patel. Supervisee Position: Consultant Head and Neck Surgeon, Supervisee Institution: Auckland, New Zealand. Collaborator(s): Dr. Danny Enepekides.

Other

- 2012 Jul - 2013 Jun **Primary Supervisor.** Joshua Gurberg B.Sc.;. *The surgical management of paragangliomas of the head and neck: the experience of a large Canadian referral center.* Collaborator(s): Lindsay Wilson BAS; Danny Enepekides MDCM.
- 2012 Jul - 2013 Jun **Primary Supervisor.** Lindsay Wilson BAS. *Motor and sensory morbidity associated with the anterolateral thigh (ALT) perforator free-flap.* Collaborator(s): Dev Kamdar MD; Jason Rich MD; Danny Enepekides MD.

2. OTHER SUPERVISION

Undergraduate Education

- 2011 Oct - 2011 Nov **Elective Student.** Gavin le Nobel. *Assessment of major predictors of peri-operative complications in microvascular surgery: The Sunnybrook Experience.*
- 2010 Jun - 2010 Jul **Elective Student.** Modupe Oyewumi. *Unilateral nasal obstruction and epistaxis: A case of recurrent and malignant sinonasal inverted papilloma.*

Undergraduate MD

Secondary Supervisor

- 2012 Jul - 2013 Aug **Year 3.** Matthew Crowson. Supervisee Position: Clinical Clerk Year 4, Supervisee Institution: Dartmouth Medical School, New Hampshire. *Primary Angiosarcoma of the Temporal Bone.* Collaborator(s): Dr. Vincent Lin, Dr.Danny Enepekides.

Postgraduate MD

Secondary Supervisor

- 2009 Jan - 2009 Jun **Clinical Fellow.** Dr. Bruce Ashford. Supervisee Position: Consultant Head and Neck Surgeon, Supervisee Institution: Liverpool Hospital, Sydney, Australia. Collaborator(s): Dr. Danny Enepekides.

Other

- 2012 Jul - 2013 Jun Dev Kamdar. *Post-operative Thyroglobulin as surrogate marker for disease control.*
- 2012 Jul - 2012 Dec **Clinical Fellow.** Dev Kamdar. *Establishing a Benchmark for Cancer-Related Lymphedema in the Head and Neck.* Collaborator(s): Kevin Higgins, Lindsay Wilson, Naomi Mohan, Ian Poon, Danny Enepekides.
- 2012 Jan - 2012 Jun **Clinical Fellow.** Jason Rich. *Prediction of Viable of Tumor Cells in Fine Needle Aspiration Biopsy of Previously Treated Head and Neck Cancer Patients Using KI-67: A Pilot Study.* Collaborator(s): Hanna Wu, Naomi Mohan, Simon Raphael, Ian Poon, Danny Enepekides, Kevin Higgins.
- 2011 Jan - 2011 Jul **Clinical Fellow.** Dr. Boban Erovic. *The role of microvascular ring-pin couplers, a systematic review/meta-analysis.*
- 2011 Jan - 2011 Jul **Clinical Fellow.** Dr. Boban Erovic. *Assessment of post-operative atrophy of the anterolateral thigh free flap.*
- 2010 Jan - 2010 Dec **Clinical Fellow.** Dr. Yves Jaquet. *Comparison of split thickness skin grafts and hatchet-flap reconstruction of radial forearm donor site.*
- 2010 Jan - 2010 Dec **Clinical Fellow.** Dr. Yves Jaquet. *Volumetric comparison of oral cavity resection specimens and free flap graft size: Assessing a surgeons' ability to estimate defect volume.*
- 2010 Jan - 2010 Dec **Clinical Fellow.** Dr. Yves Jaquet. *Comparison of voice quality post-thyroidectomy in treatment assessment of regional nodal status with color flow Doppler.*
- 2010 Jan - 2010 Dec **Clinical Fellow.** Dr. Yves Jaquet. *Accurate 3-dimensional reconstruction of the mandible using a modifications of the external fixation device.*

Other

- 2012 May - present **Research Student.** Naomi Mohan. *Correlation of Post-Operative, Unstimulated Thyroglobulin Levels with Stimulated Thyroglobulin Levels and Post-Ablative Iodine Scans.* Collaborator(s): Kevin Higgins, Danny Enepekides, Jean Davidson, Jeremy Gilbert, Jason Rich, Dev Kamdar, Lindsay Wilson.
- 2012 May - present **Research Student.** Lindsay Wilson. *Thyroidectomy and Informed Consent: Do Information*

	<i>Pamphlets Enhance Post-Operative Risk Recall?</i> . Collaborator(s): Kevin Higgins, Dev Kamdar, Naomi Mohan.
2012 May - present	Research Student. Naomi Mohan. <i>Motor and Sensory Impairments of Anteriolateral (ALT) Free Flap Morbidity: A Pilot Study</i> . Collaborator(s): Kevin Higgins, Lindsay Wilson, Danny Enepekides.
2012 Oct - 2012 Nov	Elective Student. Joshua Gurberg. Supervisee Institution: McGill University Faculty of Medicine.
2012 Jul - 2013 Jun	Lindsay Wilson. <i>Use of elastography to quantify lymphedema of the head and neck: a concept project</i> . Collaborator(s): Greg Czarnota MD FRCPC.
2012 Jul - 2013 Jun	Lindsay Wilson BAS. <i>Thyroidectomy and informed consent: do pamphlets improve post-operative recall?</i> .
2011 Jul - 2011 Dec	Dr. Aman Grewal. <i>The role of microvascular ring-pin couplers, a systematic review/meta-analysis</i> .
2011 Jul - 2011 Aug	Research Student. Christopher Yao.
2010 Aug - 2011 Aug	Research Student. Gavin le Nobel.
2010 Jun - 2011 Aug	Research Student. David Clinkard.
2008 May - 2008 Aug	Research Student. James Higgins.
2008 Feb - 2008 Jun	Co-Op Student. Charmaine Camacho. <i>Head and Neck database management</i> .
2006 Sep - 2007 Jun	Co-Op Student. Michael Gordon. <i>Head and Neck Database, Free Flap Database Development and Maintenance</i> .

I. Creative Professional Activities

1. CONTRIBUTIONS TO THE DEVELOPMENT OF PROFESSIONAL PRACTICES

2010 Jul - 2013 Jun 30	Member, Program in Evidence-based Care. Cancer Care Ontraio program, generating 12 guidelines, 5 recommendation reports and 1 other report in 2012 alone. Particular interest in Melanoma and Head and Neck Cancer Clinical Practice Guideline development. Provides guidance for clinical care, informing administrative and policy decisions aimed at improving the quality and safety of patient care, and promoting an evidence-based culture.
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