

GEORGETOWN UNIVERSITY SCHOOL OF MEDICINE

***CURRICULUM VITAE* TEMPLATE
APPLICATIONS FOR
FACULTY APPOINTMENT/PROMOTION**

Matthew Pierce, MD, FACS

Department of Otolaryngology-Head and Neck Surgery

Medstar Washington Hospital Center

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1. PERSONAL INFORMATION

A. Education:

Undergraduate: Texas Tech University, Lubbock, TX, USA, 2001-2006, BS, Microbiology

Undergraduate: Texas Tech University, Lubbock, TX, USA, 2001-2006, BA, Spanish

Medical Education: University of Texas HSC at Houston, Houston, TX, USA, 2006-2011, MD

Internship: Georgetown University Hospital, General Surgery, Washington, DC, USA, 2011-2012, Department Chair- Lynt B. Johnson

Residency: Georgetown University Hospital, Otolaryngology Head and Neck Surgery, Washington, DC, USA, 2012-2016, Department Chair- Bruce Davidson

Fellowship: Yale University, New Haven, CT, USA, Head and neck surgery, microvascular reconstruction, 2016-2017, Department Chef- Wendell Yarbrough

B. Professional Experience:

Title: Assistant Professor

Institution: Medstar Georgetown University Hospital

Address: Washington, DC, USA

Date(s) of Service: September 2019-Present

Title: Director, Head and Neck Cancer Surgery

Institution: Medstar Washington Hospital Center

Address: Washington, DC

Date(s) of Service: September 2019-Present

Title: Clinical instructor
Institution: Medstar Georgetown University Hospital
Address: Washington, DC
Date(s) of Service: August 2017-September 2019

Title: Clinical Instructor
Institution: Yale New Haven Hospital
Address: New Haven, CT
Date(s) of Service: June 2016- June 2017

Title: Post Doctoral Research Fellow
Institution: Center for Translational Injury Research, UT-Houston HSC
Address: Houston, TX
Date(s) of Service: November 2010-May 2011

Title: Rotating Research Medical Student
Institution: National Institutes of Health/ National Institute on Deafness and other
Communication Disorders
Address: Bethesda, MD
Date(s) of Service: June 2010- August 2010

Title: Rotating Research Medical student
Institution: MD Anderson Cancer Center- Department of Head and Neck Surgery
Address: Houston, TX
Date(s) of Service: October 2009-June 2010

C. Licensure:

State: Washington, DC
License No: MD045349
Initial Date: 5/25/2017
Renewal/Expiration Date: 12/31/2024

State: Maryland
License No: D0084293
Initial Date: 10/4/2017
Renewal/Expiration Date: 9/30/2025

D. Certification:

Board Certification: American Academy of Otolaryngology-Head and Neck Surgery

Date of Certification: June 2017

Date of Re-certification: June 2027

E. Languages Spoken:

English-Fluent

Spanish-conversational

2. RESEARCH AND SCHOLARLY ACTIVITIES**A. Publications:****i. Original Papers in Refereed Journals**

Martin AM, Elliott ZT, Chisolm P, Crossley J, Maxwell JH, Pierce M, Giurintano J. Perioperative complications among head and neck surgery patients with COVID-19. *Head Neck*. 2023 Dec;45(12):3033-3041. doi: 10.1002/hed.27531. Epub 2023 Oct 6. PMID: 37802658.

Redman JM, Friedman J, Robbins Y, Sievers C, Yang X, Lassoued W, Sinkoe A, PapanicolaouSengos A, Lee CC, Marte JL, Turkbey E, Mydlarz W, Joshi A, London NR Jr, Pierce M, Taylor R, Hong S, Nguyen A, Soon-Shiong P, Schlom J, Gulley JL, Allen CT. Enhanced neoepitopespecific immunity following neoadjuvant PD-L1 and TGF- β blockade in HPV-unrelated head and neck cancer. *J Clin Invest*. 2022 Sep 15;132(18):e161400. doi: 10.1172/JCI161400. Erratum in: *J Clin Invest*. 2023 Jun 1;133(11): PMID: 35727629; PMCID: PMC9479764. PMID: 35727629

Towfighi P, Hill A, Crossley JR, Walsh A, Leonard JA, Giurintano JP, Pierce ML, Reilly MJ. A retrospective analysis of pain and opioid usage in head and neck free flap reconstruction. *World J Otorhinolaryngol Head Neck Surg*. 2023; 9: 153- 159. doi:10.1002/wjo2.87. PMID: 37383327

Cohen O, Morse E, Fujiwara RJT, Dibble J, Pierce M, Mehra S. The impact of a double vein anastomoses on doppler's loss of signal rates. *Eur J Surg Oncol*. 2022 Jan;48(1):27-31. doi: 10.1016/j.ejso.2021.09.021. Epub 2021 Sep 30. PMID: 34610861.

Shearer SC, Parsa KM, Newark A, Peesay T, Walsh AR, Fernandez S, Gao WZ, Pierce ML. Facial Pressure Injuries from Prone Positioning in the COVID-19 Era. *Laryngoscope*. 2021 Jul;131(7):E2139-E2142. doi: 10.1002/lary.29374. Epub 2021 Jan 5. PMID: 33389768.

Walsh A, Peesay T, Newark A, Shearer S, Parsa K, Pierce M, Gao WZ. Association of Severe Tongue Edema With Prone Positioning in Patients Intubated for COVID-19. *Laryngoscope*. 2022 Feb;132(2):287-289. doi: 10.1002/lary.29773. Epub 2021 Jul 31. PMID: 34287907; PMCID: PMC8441932.

Pierce ML, Clark C Head and neck microvascular free flap reconstruction in the elderly. *Operative Techniques in Otolaryngology*. 2020 Sept; 31(3): 200-205

Fujiwara RJT, Dibble JM, Larson SV, Pierce ML, Mehra S. Outcomes and reliability of the flow coupler in postoperative monitoring of head and neck free flaps. *Laryngoscope*. 2018 Apr;128(4):812-817. doi: 10.1002/lary.26944. Epub 2017 Oct 8. PMID: 28988465.

Mohan S, Vander Broek R, Shah S, Eytan DF, Pierce ML, Carlson SG, Coupar JF, Zhang J, Cheng H, Chen Z, Van Waes C. MEK Inhibitor PD-0325901 Overcomes Resistance to PI3K/mTOR Inhibitor PF-5212384 and Potentiates Antitumor Effects in Human Head and Neck Squamous Cell Carcinoma. *Clin Cancer Res*. 2015 Sep 1;21(17):3946-56. doi: 10.1158/1078-0432.CCR-14-3377. Epub 2015 May 14. PMID: 25977343; PMCID: PMC4558307.

Walls A, Pierce M, Krishnan N, Steehler M, Harley EH Jr. Pediatric head and neck complications of *Streptococcus pneumoniae* before and after PCV7 vaccination. *Otolaryngol Head Neck Surg*. 2015 Feb;152(2):336-41. doi: 10.1177/0194599814557777. Epub 2014 Nov 10. PMID: 25385805.

Bedwell JR, Pierce M, Levy M, Shah RK. Ibuprofen with acetaminophen for postoperative pain control following tonsillectomy does not increase emergency department utilization. *Otolaryngol Head Neck Surg*. 2014 Dec;151(6):963-6. doi: 10.1177/0194599814549732. Epub 2014 Sep 9. PMID: 25205639.

Walls A, Pierce M, Wang H, Steehler A, Steehler M, Harley EH Jr. Parental perception of speech and tongue mobility in three-year olds after neonatal frenotomy. *Int J Pediatr Otorhinolaryngol*. 2014 Jan;78(1):128-31. doi: 10.1016/j.ijporl.2013.11.006. Epub 2013 Nov 18. PMID: 24315215.

Walls A, Pierce M, Wang H, Harley EH Jr. Clothing hanger injuries: pediatric head and neck traumas in the United States, 2002-2012. *Otolaryngol Head Neck Surg*. 2014 Feb;150(2):300-4. doi: 10.1177/0194599813514521. Epub 2013 Dec 6. PMID: 24316792.

Steehler KR, Steehler MK, Pierce ML, Harley EH. Social media's role in otolaryngology-head and neck surgery: informing clinicians, empowering patients. *Otolaryngol Head Neck Surg*. 2013 Oct;149(4):521-4. doi: 10.1177/0194599813501463. Epub 2013 Aug 19. PMID: 23959818.

Perissinotti AJ, Lee Pierce M, Pace MB, El-Naggar A, Kies MS, Kupferman M. The role of trastuzumab in the management of salivary ductal carcinomas. *Anticancer Res*. 2013 Jun;33(6):2587-91. PMID: 23749912.

Man LX, McLean CC, Pierce ML, Fakhri S. Endoscopic trans(naso)orbital management of supraorbital mucoceles with biliary T-tube stenting. *Laryngoscope*. 2013 Feb;123(2):326-30. doi: 10.1002/lary.23581. Epub 2012 Sep 10. PMID: 22965864.

C. Invited Lectures:

Otolaryngology Grand Rounds, Georgetown University Hospital. "Head and Neck Cancer Survivorship: An Overview and Update." Washington, DC. May 2022,

Otolaryngology Grand Rounds. "Head and Neck Cancer Survivorship: An Overview and Update." Georgetown University Hospital. Washington, DC. May 5, 2022.

Otolaryngology Grand Rounds, Georgetown University Hospital. "Controversies in Parotid workup and management." Washington, DC. April 2021.

Combined Otolaryngology Spring Meeting. Parsa KM, Pierce ML, Giurintano JP. "Go against the flow: salvaging fibular free flap with retrograde peroneal blood supply". April 2021

Radiation Oncology Grand Rounds, Georgetown University Hospital. "Oral Cavity Reconstruction." Washington, DC. May 2020.

Otolaryngology Grand Rounds, Georgetown University Hospital. "Head and Neck Reconstruction in the Elderly." Washington, DC. April 2020.

Otolaryngology Grand Rounds, Georgetown University Hospital. "Organ Preserving Surgery for Larynx Cancer." Washington, DC. March 2019.

Grand Rounds, Holy Cross Hospital. "The Epidemic of HPV Associated Oropharyngeal Cancer." Washington, DC. December 2018.

Otolaryngology Grand Rounds, Georgetown University Hospital. "Virtual Surgical Planning in Head and Neck Reconstruction." Washington, DC. May 2018.

Plastic Surgery Grand Rounds, Georgetown University Hospital. "Oromandibular Reconstruction." Washington, DC. January 2018

American Head and Neck Society annual meeting. "Lymph Node Ratio and the Prognosis in HNSCC in the Veteran Population." Seattle, Washington. July 2016

Otolaryngology Grand Rounds, Georgetown University Hospital. "Role of Transoral Robotic Surgery in Cancer of Unknown Primary". Washington, DC. September 2015.

Otolaryngology Grand Rounds, Georgetown University Hospital. "Post Thyroidectomy Calcium Management". Washington, DC. February 2015

2014 AAO-HNS/F Annual Meeting & OTO EXPO. "Pediatric head and neck complications of Streptococcus pneumonia before and after the PCV7 vaccine". Orlando, FL. September 2014.

Otolaryngology Grand Rounds, Georgetown University Hospital. "Facial Nerve Paralysis Reanimation". Washington, DC. March 2013.

The Society for the Ear, Nose and Throat Advances in Children. "Social Media and Physician Professionalism". Long Beach, CA. December 2013.

The Society for the Ear, Nose and Throat Advances in Children. "Ibuprofen Provides Comparable Pain Relief in Post-Operative Pain Management Following Tonsillectomy in Pediatric Patients". Long Beach, CA. December 2013.

The Society for the Ear, Nose and Throat Advances in Children. "Clothing Hanger Injuries: Pediatric Head and Neck Traumas in the United States". Long Beach, CA. December 2013.

Grand Rounds, Georgetown University Hospital. "Evolving Trends in Tonsillectomy Pain Management". Washington, DC. April 2013.

American Head and Neck Society Research Workshop. "Targeting HER2 in the treatment of salivary duct carcinoma". Washington, DC. October 2010.

3. TEACHING, MENTORING, AND ADVISING

I remain committed to education and mentoring. Third year Georgetown medical students who rotate through MWHC spend 2-3 days per week working directly with me. Their time is spent either in clinic or the operating room during their two week rotation, totaling up to 16 hours of direct contact per week. During this time I am able to teach the basics of ENT including anatomy and physiology, head and neck exams, history taking skills and basic surgical skills. Over the past 7 years I have taught over 20 MS3 students per year on average, many of whom I have mentored or advised to explore otolaryngology. In addition to the GUH MS3s, fourth year medical students pursuing in ENT will rotate with me at MWHC for a full week during their monthlong block. This includes not only GUH students but also rotators from outside institutions. During this time I am able to build on their ENT knowledge and advance their clinical and surgical skills while advising on future goals. Furthermore, I have worked on numerous research projects with medical students that have resulted in publications with students as 1st or 2nd authors which are listed above in my CV (i.e. Martin et al, Towfighi et al, Shearer et al, Walsh et al, etc).

Along with medical student education, I am deeply involved with the education of the Georgetown ENT residents. I am active in the clinical competence committee and application review process. I received the Medstar Georgetown Department of Otolaryngology faculty teaching award 2018 and I remain committed to education the next generation of otolaryngologists. I work with and teach residents of all levels from intern level to chief. I spend 40+ hours per week of direct contact with

residents, whether in the clinic, OR or rounding on the wards. I act as a mentor and advisor for residents when discussing future career goals, research and fellowships. Specifically, I spend significant time mentoring residents who plan on pursuing head and neck oncology, including many recent graduates. I have participated in our annual OTO Bootcamp for the past 4 years, teaching PGY1 and 2 residents about common ENT consults and emergencies. Additionally, I present a yearly grand rounds lecture and multiple didactics lectures covering various head and neck oncology topics for residents and students.

Teaching and mentoring future generations is a large part of my day-to-day schedule and woven into the fabric of my practice. I believe in creating a safe and educational environment, where learners can actively participate in patient care and creating competent physicians.

4. SERVICE

A. University Service:

i. Department of Otolaryngology- Head and neck surgery

1. Member, Clinical Competence Committee (3 years)
2. Faculty, resident selection and application screening (4 years)

ii. School

Role/Function, Committee Name, Dates (Years) of Service

iii. University

Role/Function, Committee Name, Dates (Years) of Service

B. MedStar or Hospital Service

C. Professional Service:

Volunteer Faculty, Durban South Africa, March 2017

Volunteer medical doctor, Global ENT Outreach, Pago Pago, American Samoa, August 2015

Volunteer medical student, Totai Foundation, Trinidad, Bolivia, April-May 2010

Volunteer medical student, Cacha Medical Students International, Riobamba Ecuador, July 2007-August 2007

Volunteer medical student, Casa Maria clinic for the uninsured, Houston, TX, August 2007-December 2007

5. CONTRIBUTIONS TO ENHANCING DIVERSITY, EQUITY AND INCLUSION (DEI)

- *Teaching: Participating in education of students and residents from diverse backgrounds. I promote an inclusive learning environment in clinic and the operating room and encourage learners to speak up when treated unfairly.*

- *Professional Development: Attendance at semiannual otolaryngology grand rounds focused on DEI. I participate in annual resident selection and application screening with a commitment to selecting applicants with a diverse background.*

6. HONORS AND AWARDS

Faculty Teaching Award, Georgetown University Hospital, Department of Otolaryngology, June 2018

Roy B. Sessions Award, Georgetown University Hospital, Department of Otolaryngology, June 2016

Administrative Chief, Georgetown University Hospital, Department of Otolaryngology, 2015-2016

Hugh DeFries Resident Leadership Award, Georgetown University Hospital, Department of Otolaryngology, June 2014

Magna Cum Laude in Honors studies, Texas Tech University, August 2006

7. PROFESSIONAL SOCIETY MEMBERSHIP

Fellow American College of Surgeons. Date(s) of Membership: June 2019-Present

Fellow American Head and Neck Society Date(s) of Membership: June 2019-Present

American Academy of Otolaryngology-Head and Neck Surgery Date(s) of Membership: June 2012-Present

American Medical Association. Dates: 2006-2011. 2022-present.

Student Surgical Association University of Texas Medical School at Houston. Shadowing Program Coordinator. 2007-2008

I certify that this curriculum vitae is a current and accurate statement of my professional record.

Signature: _____

Date: 2/1/2024