

Emily Jane Marchiano  
Department of Otolaryngology – Head and Neck Surgery  
University of Washington  
1959 NE Pacific St 3rd floor, Seattle, WA 98195

**Education:**

**Rutgers New Jersey Medical School (NJMS)**, Newark, New Jersey Fall 2011–Spring 2016  
M.D., Alpha Omega Alpha (AOA) Medical Honor Society (2015)

**Fordham University**, New York, New York Fall 2007–Winter 2009  
B.A., Natural Sciences  
GPA: 3.93, Summa Cum Laude | Michael J Passarelli Natural Science Award

**Santa Clara University**, Santa Clara, California Fall 2005–Winter 2006

**Postgraduate Training:** Internship, residencies, fellowships (places and dates, oldest to newest).

**University of Washington**, Department of Otolaryngology Head and Neck Surgery July 2021-June 2022  
Seattle, Washington, Otolaryngology Head and Neck Oncology and Microvascular Reconstruction Fellowship

**University of Michigan** Department of Otolaryngology - Head and Neck Surgery, July 2016–June 2021  
Ann Arbor, Michigan, Otolaryngology Residency

**Faculty Positions Held:** None

**Hospital Positions Held:** None

**Current (non-UW) Employment:** None

**Honors:**

Rontal Family Resident Education Award, “Changes in 8th Edition AJCC Oral Cavity Staging: 2019 Impact of extrinsic tongue musculature invasion”

Outstanding Resident Basic Science Manuscript, “Defining the Young Oral Cavity Cancer Patient: 2019 Phenotypic and Genotypic Analysis”

Rontal Family Resident Education Award, “Defining the Young Oral Cavity Cancer Patient: 2018 Phenotypic and Genotypic Analysis”

Charles Krause, M.D. Resident Professionalism Award 2018

Area VII Physicians Review Organization Award 2015

Alumni Association Scholarship 2015

Alpha Omega Alpha Research Award 2016

Excellence in Otolaryngology Award 2016

NJ Medical Women's Association Dr. Gertrude Ash Memorial Award, awarded to the highest 2016 ranked graduating female medical student

**Board Certification:** None

**Current License(s) to Practice:**

Licensure: State of Washington (MD Permanent)  
MD.61134815  
DEA FM0249397  
NPI 1679921274

**Diversity, Equity and Inclusion Activities (optional):** None

**Professional Organizations:**

AHNS, Member, 2020  
AAO-HNS, Member, 2016

**Teaching Responsibilities:**

ORL-Essentials Bootcamp, Resident Instructor 2019

**Editorial Responsibilities:**

Resident Reviewer Development Program, Otolaryngology–Head and Neck Surgery, participant 2018 – 2019  
Reviewer, Otolaryngology–Head and Neck Surgery 2019 – Present  
Reviewer, Head & Neck 2019 – Present

**Special National Responsibilities:** None

**Special Local Responsibilities:** None

**Research Funding:**

Otolaryngology Resident Research Committee Research Grant (\$5,000) July 2019 – June 2020  
University of Michigan Department of Otolaryngology – Head and Neck Surgery  
Analysis of novel technologies to assess worst pattern of invasion  
Marchiano E (PI), Chinn SB, Rao A, McHugh J, and Udager A.

AHNS Ballantyne Resident Research Pilot Grant, 2019 (\$10,000) July 2019 – June 2020  
Centralized Otolaryngology Research Efforts (CORE)  
Analysis of novel technologies to assess worst pattern of invasion  
Marchiano E (PI), Chinn SB, Rao A, McHugh J, and Udager A.

17. Bibliography (use the format described in (a) for (b) through (f)):

a)

1. Chen JX, Miller LE, Filimonov A, Shuman EA, **Marchiano E**, George BC, Thorne M, Pletcher SD, Platt M, Teng M, Kozin ED, Gray ST. Factors affecting operative autonomy and performance during otolaryngology training: A multicenter trial. *Laryngoscope Investig Otolaryngol*. 2022 Feb 1;7(2):404-408. doi: 10.1002/lio2.750. PMID: 35434323; PMCID: PMC9008171.
2. Chen JX, Deng F, Filimonov A, Shuman EA, **Marchiano E**, George BC, Thorne M, Pletcher SD, Platt M, Teng MS, Kozin ED, Gray ST. Multi-institutional Study of Otolaryngology Resident Intraoperative Experiences for Key Indicator Procedures. *Otolaryngol Head Neck Surg*. 2021 Oct 5:1945998211050350. doi: 10.1177/01945998211050350. Epub ahead of print. PMID: 34609936.
3. Farlow JL, Devare J, Ellsperman SE, Haring CT, Heft Neal ME, Pleasant T, Spielbauer KK, Sylvester MJ, Xie Y, **Marchiano EJ**. Virtual Resident Mentorship Groups for Fourth Year Medical Students Applying into Otolaryngology-Head and Neck Surgery. *Ann Otol Rhinol Laryngol*. 2021 May 12:34894211015740. doi: 10.1177/00034894211015740. Epub ahead of print. PMID: 33978510.
4. Haring CT, **Marchiano EJ**, Stevens JR, Malloy KM, Casper KA, Prince ME, Chinn SB, Stucken CL, Rosko AJ, Spector ME. Osteotomized folded scapular tip free flap for complex midfacial reconstruction. *Plast Aesthet Res*. 2021;8:33. doi: 10.20517/2347-9264.2021.44. Epub 2021 Jul 4. PMID: 35355782; PMCID: PMC8963190.
5. **Marchiano E**, Mathis N, Smith J, Birkeland AC, Casper KA, Shuman AG, Brenner C, Spector ME, Chinn SB. Impact of extrinsic tongue muscle invasion on stage migration in AJCC 8th edition staging of oral cavity carcinoma. *Oral Oncol*. 2020 Nov;110:104888. doi: 10.1016/j.oraloncology.2020.104888. Epub 2020 Jul 10.
6. Farlow JL, **Marchiano EJ**, Fischer IP, Moyer JS, Thorne MC, Bohm LA. Addressing the Impact of COVID-19 on the Residency Application Process Through a Virtual Subinternship. *Otolaryngol Head Neck Surg*. 2020 Nov;163(5):926-928. doi: 10.1177/0194599820934775. Epub 2020 Jun 9.
7. **Marchiano E**, Stevens JR, Liao E, Rosko AJ, Powell A, Stucken CL, Spector ME. Three Dimensional Modeling of the Scapular Tip for Anterolateral and Lateral Mandibular Defects. Submitted to *Oral Oncology*, December 2019. *Oral Oncol*. 2020 Aug;107:104718. doi: 10.1016/j.oraloncology.2020.104718. Epub 2020 Apr 30.
8. Stevens JR, Rosko AJ, **Marchiano E**, Haring C, Chinn SB, Malloy KM, Prince ME, Casper K, Moyer J, Chepeha D, Stucken CL, Spector ME. The Spider Limb Positioner in subscapular system free flaps. *Oral Oncol*. 2018 Oct;85:24-28. doi: 10.1016/j.oraloncology.2018.08.004. Epub 2018 Aug 17. PubMed PMID: 30220315.
9. **Marchiano EJ**, Birkeland AC, Swiecicki PL, Spector-Bagdady K, Shuman AG. Revisiting Expectations in an Era of Precision Oncology. *Oncologist*. 2018 Mar;23(3):386-388. doi: 10.1634/theoncologist.2017-0269. Epub 2017 Nov 20. PubMed PMID: 29158373; PubMed Central PMCID: PMC5903918.
10. VanKoeveering KK, **Marchiano E**, Walline HM, Carey TE, McHugh JB, Brenner JC, Goudsmit CM, Bellile E, Spector ME, Shuman AG; University of Michigan Head and Neck SPORE Team. An Algorithm to Evaluate Suspected Lung Metastases in Patients with HPV-Associated Oropharyngeal Cancer. *Otolaryngol Head Neck Surg*. 2018 Jan;158(1):118-121. doi: 10.1177/0194599817733677. Epub 2017 Sep 26. PubMed PMID: 28949800; PubMed Central PMCID: PMC5752439.
11. Gainor DL, **Marchiano E**, Bellile E, Spector ME, Taylor JMG, Wolf GT, Hogikyan ND, Prince ME, Bradford CR, Eisbruch A, Worden F, Shuman AG. Survival Outcomes in Patients with T2N0M0 (Stage II) Squamous Cell Carcinoma of the Larynx. *Otolaryngol Head Neck Surg*. 2017 Oct;157(4):625-630. doi: 10.1177/0194599817711374. Epub 2017 Jun 13. PubMed PMID: 28608731; PubMed Central PMCID: PMC5624831.

12. Brady JS, Chung SY, **Marchiano E**, Eloy JA, Baredes S, Park RCW. Pediatric head and neck bone sarcomas: An analysis of 204 cases. *Int J Pediatr Otorhinolaryngol*. 2017 Sep;100:71-76. doi: 10.1016/j.ijporl.2017.06.003. Epub 2017 Jun 15. PubMed PMID: 28802390.
13. Eloy JA, **Marchiano E**, Vázquez A, Pfisterer MJ, Mady LJ, Baredes S, Liu JK. Management of Skull Base Defects After Surgical Resection of Sinonasal and Ventral Skull Base Malignancies. *Otolaryngol Clin North Am*. 2017 Apr;50(2):397-417. doi: 10.1016/j.otc.2016.12.013. Review. PubMed PMID: 28314405.
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15. Sylvester MJ, **Marchiano E**, Park RC, Baredes S, Eloy JA. Impact of chronic obstructive pulmonary disease on patients undergoing laryngectomy for laryngeal cancer. *Laryngoscope*. 2017 Feb;127(2):417-423. doi: 10.1002/lary.26050. Epub 2016 May 30. PubMed PMID: 27239012.
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17. **Marchiano E**, Carniol ET, Guzman DE, Raikundalia MD, Baredes S, Eloy JA. An Analysis of Patients Treated for Cerebrospinal Fluid Rhinorrhea in the United States from 2002 to 2010. *J Neurol Surg B Skull Base*. 2017 Feb;78(1):18-23. doi: 10.1055/s-0036-1584297. Epub 2016 Jun 2. PubMed PMID: 28180038; PubMed Central PMCID: PMC5288112.
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19. Eloy JA, Vazquez A, **Marchiano E**, Baredes S, Liu JK. Variations of mucosal-sparing septectomy for endonasal approach to the craniocervical junction. *Laryngoscope*. 2016 Oct;126(10):2220-5. doi: 10.1002/lary.25858. Epub 2016 Feb 18. PubMed PMID: 26891223.
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24. **Marchiano E**, Raikundalia MD, Carniol ET, Echanique KA, Kalyoussef E, Baredes S, Eloy JA. Characteristics of patients treated for orbital cellulitis: An analysis of inpatient data. *Laryngoscope*. 2016 Mar;126(3):554-9. doi:10.1002/lary.25529. Epub 2015 Aug 26. PubMed PMID: 26307941.
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29. Patel TD, Vazquez A, **Marchiano E**, Park RC, Baredes S, Eloy JA. Polymorphous low-grade adenocarcinoma of the head and neck: A population-based study of 460 cases. *Laryngoscope.* 2015 Jul;125(7):1644-9. doi:10.1002/lary.25266. Epub 2015 Apr 15. PubMed PMID: 25877006.
30. Colangeli R, Arcus VL, Cursons RT, Ruthe A, Karalus N, Coley K, Manning SD, Kim S, **Marchiano E**, Alland D. Whole genome sequencing of *Mycobacterium tuberculosis* reveals slow growth and low mutation rates during latent infections in humans. *PLoS One.* 2014 Mar 11;9(3):e91024. doi: 10.1371/journal.pone.0091024.eCollection 2014. PubMed PMID: 24618815; PubMed Central PMCID: PMC3949705.
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32. Chavadi SS, Stirrett KL, Edupuganti UR, Vergnolle O, Sadhanandan G, **Marchiano E**, Martin C, Qiu WG, Soll CE, Quadri LE. Mutational and phylogenetic analyses of the mycobacterial *mbt* gene cluster. *J Bacteriol.* 2011 Nov;193(21):5905-13. doi: 10.1128/JB.05811-11. Epub 2011 Aug 26. PubMed PMID: 21873494; PubMed Central PMCID: PMC3194918.

*Emily Marchiano*

8/17/2022