

## CURRICULUM VITAE

Jeffrey J. Houlton, MD  
University of Washington  
Otolaryngology-Head and Neck Surgery  
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### EDUCATION:

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|------------------------------------------------------------------------------------------------|-----------|
| University of Texas Medical Branch, Galveston, Texas<br>Doctorate of Medicine with High Honors | 2004-2008 |
| Texas A&M University, College Station, Texas<br>Bachelor of Science in Biological Sciences     | 2000-2004 |
| Saint Thomas High School, Houston, Texas                                                       | 1996-2000 |

### POST GRADUATE TRAINING:

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|----------------------------------------------------------------------------------------------------------------------------------|-----------|
| Medical University of South Carolina, Charleston, South Carolina<br>Head & Neck Oncology/Microvascular Reconstruction Fellowship | 2013-2014 |
| University of Cincinnati, Cincinnati, Ohio<br>Otolaryngology, Head & Neck Surgery Residency                                      | 2008-2013 |

### FACULTY POSITIONS HELD:

|                                                                                           |              |
|-------------------------------------------------------------------------------------------|--------------|
| Assistant Professor<br>University of Washington, Department of Otolaryngology             | 2014-present |
| Clinical Instructor<br>Medical University of South Carolina, Department of Otolaryngology | 2013-2014    |

### HONORS:

|                                                                                                        |           |
|--------------------------------------------------------------------------------------------------------|-----------|
| Administrative Chief Resident (peer selected)                                                          | 2012-2013 |
| American Laryngological Association, Combined Meeting<br>• Resident Research Award, First Place Winner | 2011      |
| Who's Who Among Students in American Universities & Colleges                                           | 2008      |
| Alpha Omega Alpha Honor Society                                                                        | 2007      |
| Courtney Townsend Award for Excellence in Surgical Education                                           | 2006      |
| American Association of Medical Colleges, Humanism Award                                               | 2006      |
| UTMB's Excellence in Student Teaching Award                                                            | 2006      |
| Texas A&M University Dean's Honor Award                                                                | 2000-2004 |
| Texas A&M University Zollinger Award Scholarship                                                       | 2002      |

### BOARD CERTIFICATION:

Diplomate, American Board of Otolaryngology, June 1<sup>st</sup>, 2014 Certificate number 22113

**ACCREDITATION:**

Joint Council for Approval of Advanced Training in Head and Neck Oncologic Surgery  
 American Head and Neck Society, June 30<sup>th</sup>, 2014

**LICENSURE:**

Washington 2014- present

**PROFESSIONAL ORGANIZATIONS:**

Alpha Omega Alpha Honor Society 2007-present  
 American Academy of Otolaryngology 2008-present

**TEACHING RESPONSIBILITIES:**Positions:

Assistant Professor, University of Washington 2014-present  
 Surgical, clinical, and didactic instruction of residents and students

Clinical Instructor, Medical University of South Carolina 2013-2014  
 Surgical, clinical, and didactic instruction of residents and students

**NATIONAL LEADERSHIP RESPONSIBILITIES:**

Washington State Representative, National Young Physicians Section 2015-present  
 American Academy of Otolaryngology Microvascular Committee 2013-present  
 American Academy of Otolaryngology Endocrine Surgery Committee 2013-2015  
 American Academy of Otolaryngology Head & Neck Oncology Committee 2011-2013  
 American Academy of Otolaryngology Delegate  
 - Section for Residents and Fellows (SRF) 2010-2013

**LOCAL LEADERSHIP RESPONSIBILITIES (Current Only):**

University of Washington Endocrine Surgery Steering Committee 2016-present  
 University of Washington Fine-Needle Aspiration Steering Committee 2016-present  
 Northwest Academy of Otolaryngology  
 - Member of the Board at Large 2016-present  
 University of Washington Physicians - Physicians Champion 2014-present  
 University of Washington Head & Neck Cancer Steering Committee 2014-present

**BIBLIOGRAPHY:**

## A. PEER REVIEWED PUBLICATIONS (&amp; ACCEPTED MANUSCRIPTS):

1. Harbison A, Futran ND, **Houlton JJ**. Navigation-Guidance During Free Flap Mandibular Reconstruction: A Cadaveric Trial. Accepted August 2016 for Publication JAMA Otolaryngology
2. Patel SA, Parvathaneni A, Parvathaneni U, **Houlton JJ**, Karni R, Mendez E. Post-operative Therapy Following Transoral Robotic Surgery for Unknown Primary Cancers of the Head and Neck. Accepted July 2016 for Publication JAMA Otolaryngology
3. Patel SA, Parvathaneni U, Futran ND, **Houlton JJ**, Mendez E. Role of Margin Status in Transoral Robotic Surgery (TORS) for Head & Neck Squamous Cell Carcinoma. Accepted May 2016 for Publication JAMA Otolaryngology
4. **Houlton JJ**, Bevans SE, Futran ND. Unfavorable Results after Free Tissue Transfer to Head and Neck: Lessons Learned at the University of Washington. *Clini Plast Surg*. October, 2016.

5. Tawfik, KO, **Houlton JJ**, Compton W, Ying J, Khosla, SM. Laryngotracheal reconstruction: A ten-year review of risk factors for decannulation failure. *The Laryngoscope*. 2015; 125(3), 674-679.
6. Sood AJ, **Houlton JJ**, Nguyen SA, Gillespie MB. Facial Nerve Monitoring during Parotidectomy A Systematic Review and Meta-analysis. *Otolaryngology--Head and Neck Surgery*. 2015; 152(4), 631-637.
7. Sood, AJ, **Houlton JJ**, Day TA. The association between T-stage and clinical nodal metastasis In HPV-positive oropharyngeal cancer. *American journal of otolaryngology*. 2014, 35: 463-468.
8. Sun GH, **Houlton JJ**, Moloci NM, MacEacher MP, Bradford CR, Prince ME, Jagsi R. Prospective head and neck cancer research: a four decade bibliometric perspective. *Oncologist*. 2013; 18(5):584-591.
9. Hoekman PK, **Houlton JJ**, Seiden AM. The utility of magnetic resonance imaging in the diagnostic evaluation of idiopathic olfactory loss. *Laryngoscope* 2014; 124(2): 365-368.
10. Sun GH, **Houlton JJ**, MacEachern M, Bradford CR, Hayward RA. Influence of study sponsorship on head and neck cancer randomized trial results. *Head Neck*. 2013; 35(10): 1515-1520.
11. **Houlton JJ**, Hom DB. Approaching delayed-healing wounds on the face and neck. *Facial Plast Surg Clin North Am*. 2013; 21(1):81-93.
12. **Houlton JJ**, Donaldson A, Zimmer LA, Seiden AM. Intranasal drug induced fungal rhinopharyngitis. *Int Forum Allergy Rhinol*. 2012; 2(2):130-134.
13. **Houlton JJ**, Sun GH, Fernandez N, Zhai Q, Lucas F, Steward DL. Thyroid FNA: does case volume affect diagnostic yield or interpretation? *Arch Otolaryngol Head Neck Surg*. 2011; 137(11):1136-1139.
14. **Houlton JJ**, Johnson K, deALacron A, Elluru R. Voice outcomes following adult cricotracheal resection. *Laryngoscope*. 2011; 121(9):1910-1914.
15. **Houlton JJ**, Pecther W, Steward DL. PACU PTH facilitates safe outpatient thyroidectomy. *Otolaryngology Head and Neck Surgery*, 2010; 144: 43-47.

#### B. BOOK CHAPTERS:

1. **Houlton JJ**, Steward DL. Ultrasound Imaging of the Neck. In: *Cummings Otolaryngology: Head and Neck Surgery, 6<sup>th</sup> Edition*, Elsevier Publishing; Philadelphia, PA, 2015.
2. **Houlton JJ**, Day TA. Unknown Primary Carcinoma. In: *Sataloff's Comprehensive Textbook of Otolaryngology: Head and Neck Surgery*; Jaypee Brothers Medical Publishing; New Dehli, India, 2015.
3. **Houlton JJ**, Steward DL. Ambulatory endocrine surgery. In: *Robotic and Minimally Invasive Thyroid and Parathyroid Surgery*, Springer Publishing; New York, NY, 2013.

4. **Houlton JJ**, Steward DL. Surgery for retrosternal/upper mediastinal thyroid/parathyroid disease. In: *Thyroid Surgery*, Wiley Publishing; Hoboken, NJ, 2012.

#### **NATIONAL PRESENTATIONS OF ORIGINAL RESEARCH:**

1. **Houlton JJ**, Chaudhari V, Futran ND, et al. A Care Pathway to Improve Patient Safety, Satisfaction and Decrease Post-Operative Length of Stay for Head & Neck Free-Flap Patients at the University of Washington Medical Center. American Head and Neck Society Meeting, Poster Presentation, June 2016 Seattle, WA
2. Patel SA\*, Parvathaneni A, Parvathaneni U, **Houlton JJ**, Karni R, Mendez E. Post-operative Therapy Following Transoral Robotic Surgery for Unknown Primary Cancers of the Head and Neck. American Head and Neck Society Meeting, Oral Presentation, June 2016 Seattle, WA
3. Harbison A, Futran ND, **Houlton JJ**. Navigation-Guidance During Free Flap Mandibular Reconstruction: A Cadaveric Trial. American Head and Neck Society Meeting, Poster Presentation, June 2016 Seattle, WA
4. Patel RJ, Taylor R, Tennant PA, **Houlton JJ**, Hornig J, Hand W, Day TA. Intraoperative vasopressor use in soft tissue vs osteocutaneous free flap reconstruction. A randomized trial. American Head and Neck Society Meeting, Poster Presentation, April 2015 Boston, MA
5. **Houlton JJ**, Tennant PA, Sterba K, Day TA. Head and Neck Cancer Worry and Depression: Associations with Primary Treatment Modality; 5th World Congress of IFHNOS & Annual Meeting of the AHNS, Oral presentation: July, 2014, New York City, NY
6. Tennant PA, **Houlton JJ**, Bewley AF, et al. Intraoperative Administration of Vasoactive Medications Does Not Affect Free Flap Survival: A Prospective Pilot Study; 5th World Congress of IFHNOS & Annual Meeting of the AHNS, Poster presentation: July, 2014, New York City, NY
7. Hoekman PK, **Houlton JJ**, Seiden AM. The utility of magnetic resonance imaging in the diagnostic evaluation of idiopathic olfactory loss. American Academy of Otolaryngology–Head and Neck Surgery Foundation Annual Meeting, Washington, DC, Oral Presentation, September 2012.
8. **Houlton JJ**, Turner K, Sun GH, Fernandez N, Zhai Q, Patil YJ. The impact of salivary gland frozen section on surgical outcomes. AAO-HNS Annual Meeting and Expo, Poster Presentation, 2012.
9. Johnson KE, Pio B, Kerrey B, Geis, G, **Houlton JJ**. Airway system of care assessment with high fidelity simulation. AAO-HNS Annual Meeting and Expo, Poster Presentation, 2011.
10. Fernandez N, **Houlton JJ**, Turner K, Steward D, Lucas F, Zhai Q. Morphological Features and Clinical Impact of Deferred Frozen Section Diagnosis in Thyroid Lesions. College of American Pathologists Meeting, Poster Presentation, 2011.
11. Turner KO, **Houlton JJ**, Patil Y, Zhai Q. Surgical impact of salivary gland frozen section deferred diagnoses: an interdisciplinary investigation. College of American Pathologists Meeting, Poster Presentation, 2011.

12. **Houlton JJ**, de Alarcon A, Johnson K, Elluru RG. Voice outcomes following adult cricotracheal resection. American Laryngological Society/COSM, Podium Presentation, 2011. *Winner of American Laryngological Association Resident Research Award.*
13. **Houlton JJ**, Sun GH, Fernandez N, Zhai Q, Lucas F, Steward DL. Thyroid FNA: does case volume effect diagnostic yield or interpretation? American Head and Neck Society/COSM, Podium Presentation, 2011.
14. **Houlton, JJ**, Pechter W, Steward DL. PACU PTH facilitates safe outpatient thyroidectomy. AAO-HNS Annual Meeting and Expo, Podium Presentation, 2011.
15. **Houlton JJ**, Leonard GA, Leonard RB, Newlands SD, Makishima T. Interaural attenuation in gerbils with unilateral hearing loss. Triologic Society Southern Section Meeting, Poster Presentation, 2008.

**OUTSIDE INVITED TALKS (As University of Washington Faculty Member)**

1. Houlton JJ. "Controversies in the Management of Salivary Malignancy: Reconstruction of the Parotidectomy Defect." AAO-HNS Annual Meeting and Expo. Mini-seminar, September, 2016.
2. Houlton JJ, Futran ND, Gilbert, R. "Midface Reconstruction." 6<sup>th</sup> Annual Pacific Northwest Head & Neck Cancer Symposium. Panelist/panel discussion, July, 2016.
3. Houlton JJ. "Reconstruction of the Total Glossectomy Defect." 6<sup>th</sup> Annual Pacific Northwest Head & Neck Cancer Symposium. Invited speaker, July, 2016.
4. Houlton JJ, Futran ND, Urken M, Gilbert, R. "Complication in Head & Neck Surgery." 6<sup>th</sup> Annual Pacific Northwest Head & Neck Cancer Symposium. Moderator/panel discussion, July, 2016.
5. Bayles S, Kim N, Houlton JJ. "Ask the Experts: Head & Neck Surgery." Northwest Academy of Otolaryngology Spring Meeting. Panelist/panel discussion, April, 2016.
6. Houlton JJ. "Minimizing Thyroid Surgery: Maximizing the Management of Thyroid Nodules." University of Washington Primary Care Grand Rounds. Invited speaker, February, 2015.
7. Mendez E, Kim N, Houlton JJ. "The Management of HPV+ Oropharyngeal Cancer." Northwest Academy of Otolaryngology Winter Meeting. Panelist/panel discussion, Vancouver, Canada, April, 2014.

**EDITORIAL RESPONSIBILITIES:**

*Regular Reviewer:*

2015-present     *Otolaryngology – Head and Neck Surgery*  
 2005-present     *JAMA: Otolaryngology – Head and Neck Surgery*

**COURSES:**

|                                                                  |      |
|------------------------------------------------------------------|------|
| American College of Surgeons Ultrasound Course                   | 2013 |
| Computer Aided Microvascular Reconstruction, Palm Beach, Florida | 2013 |
| University of Cincinnati Head & Neck Ultrasound Course           | 2012 |

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|---------------------------------------------------------------------------|------|
| Skull Base Surgery and Reconstruction Course, University of Cincinnati    | 2012 |
| Advanced Endoscopic Cranial Base Surgery Course, University of Cincinnati | 2011 |
| Ninth Annual Masters of Skull Base Surgery Course, Tampa, Florida         | 2011 |
| Otolaryngology Laser Workshop, University of Cincinnati                   | 2010 |
| Ohio Advanced Endoscopic Sinus Course, University of Cincinnati           | 2009 |