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EDUCATION

- 1991-1995 University of California, San Diego
Animal Physiology and Neuroscience
Summa Cum Laude, Bachelor of Science
- 1995-1999 University of California, Davis School of Medicine
Doctor of Medicine

PROFESSIONAL TRAINING

- 1999-2000 University of California, Davis Medical Center
Department of Surgery
General Surgery Internship
- 2000-2004 University of California, Davis Medical Center
Department of Otolaryngology-Head and Neck Surgery
Otolaryngology Residency
- 2004-2006 University of Iowa Hospitals and Clinics
Department of Otolaryngology-Head and Neck Surgery
Pediatric Otolaryngology Fellowship

ACADEMIC APPOINTMENTS

- July 2006-2014 Assistant Professor of Surgery and Pediatrics (Pediatric Otolaryngology)
Geisel School of Medicine at Dartmouth
- July 2014-Current Associate Professor of Surgery and Pediatrics (Pediatric Otolaryngology)
Geisel School of Medicine at Dartmouth

DARTMOUTH INSTITUTIONAL LEADERSHIP ROLES

- 2009-Current Director of Medical Student Education in Otolaryngology
Geisel School of Medicine at Dartmouth
- 2011-2015 Program Director, Otolaryngology Residency
Dartmouth-Hitchcock Medical Center (DHMC)
- 2013-2015 and 2018-Current Chair of CHaD Anesthesia, Perioperative, and Surgical Specialties Committee
Children's Hospital at Dartmouth (CHaD)
- 2018-Current Medical Director, Children's Hospital at Dartmouth (CHaD) Surgical Services

LICENSURE AND CERTIFICATION

2001	Medical Board of California
2003	Iowa Board of Medical Examiners
2005	Diplomate, American Board of Otolaryngology
2006	New Hampshire Board of Medicine

MAJOR COMMITTEE ASSIGNMENTS

2006-Current	Member, Multi-Institutional Vascular Anomalies Task Force
2007-2008	Member, DHMC Discharge Summary Quality Improvement
2007-2009	Member, DHMC Operating Room Laser Safety Subcommittee
2009-Current	Member, CHaD Anesthesia, Perioperative, and Surgical Specialties
2010-2011	Member, DHMC Pediatric Allergy Faculty Search
2011-2015	Member, Graduate Medical Education Committee (DHMC)
Spring 2012	Chair, Endocrinology Fellowship GME Internal Review (DHMC)
2012-2013	Vice-Chair, CHaD Anesthesia, Perioperative, and Surgical Specialties
2013-2015	Chair, CHaD Anesthesia, Perioperative, and Surgical Specialties
2018-Current	Chair, CHaD Anesthesia, Perioperative, and Surgical Specialties

MEMBERSHIPS, OFFICE AND COMMITTEES IN PROFESSIONAL SOCIETIES

2000-Current	Fellow, American Academy of Otolaryngology-Head and Neck Surgery Foundation (AAO-HNSF)
2003-Current	Member, American Cleft Palate and Craniofacial Association (ACPA)
2003-2012	Member, Society for Ear, Nose, and Throat Advances in Children (SENTAC)
2004-2006	Candidate Member, American Academy of Pediatrics (AAP) Section on Otolaryngology-Head and Neck Surgery, Iowa Chapter
2004-2008	Post-Graduate Member, American Laryngological, Rhinological, and Otological Society (Triologic Society)
2008-Current	Member, New England Otolaryngologic Society (NEOS)
2008-Current	Specialty Fellow, AAP Section on Otolaryngology-Head and Neck Surgery, New Hampshire Chapter
2009-Current	Member, American Society of Pediatric Otolaryngologists (ASPO)
2010-2016	Member, Society of University Otolaryngologists (SUO)
2014-Current	Liaison to NH Chapter, AAP Section on Otolaryngology-Head and Neck Surgery
2014-Current	Member, American Association for Physician Leadership (AAPL)
2019-Current	Fellow, American College of Surgeons (ACS)

EDITORIAL BOARDS

2013-2018	Section Editor, Pediatric Otolaryngology – <i>Annals of Otolaryngology, Rhinology, and Laryngology</i>
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JOURNAL PEER-REVIEW ACTIVITY

2004-Current	<i>Annals of Otolaryngology, Rhinology, and Laryngology</i>
2008-2013	<i>Journal of Otolaryngology-Head and Neck Surgery</i>
2010-2013	<i>Laryngoscope</i>

AWARDS AND HONORS

March 1994	Peat Marwick Scholarship for Outstanding Community Service, University of California, San Diego
June 1995	“Highest GPA” Outstanding Achievement Award, Department of Animal Physiology, University of California, San Diego

June 1995	Summa Cum Laude Graduate, University of California, San Diego
June 1998	Alpha Omega Alpha Medical Honor Society, University of Davis, School of Medicine
June 1999	Outstanding Achievement Award, Department of Anatomy, University of California, Davis School of Medicine
June 1999	Award of Excellence, Otolaryngology, UC Davis School of Medicine
Nov 2010	Nominated for “Distinguished Lecturer” and “Distinguished Educator” Excellence in Teaching Awards by Geisel School of Medicine Class of 2013
Dec 2013	Department of Surgery 2013 Chair’s Award for Outstanding Patient Satisfaction, Dartmouth-Hitchcock Medical Center

TEACHING ACTIVITIES

UNDERGRADUATE MEDICAL EDUCATION – Director of Medical Student Education in Otolaryngology, Geisel School of Medicine at Dartmouth (2009-Current)

Fall	Otolaryngology Operative Enrichment Elective Director
Winter	Anatomy Lab – Head and Neck Dissection Facilitator and Otolaryngology Clinical Correlation Lectures
Spring	Otolaryngology Operative Enrichment Elective Director; Otolaryngology Student Interest Group – Head and Neck Physical Exam Skills, Career Guidance (Sponsor, Otolaryngology Student Interest Group)
Monthly	Surgery MS3 Clerkship – Otolaryngology Rotation Director
Quarterly	Pediatrics MS3 Clerkship – Pediatric Otolaryngology Small Group Sessions
Variable	Otolaryngology Clinical Elective Rotation and Subinternship Director

GRADUATE MEDICAL EDUCATION – Program Director, Otolaryngology Residency, Dartmouth-Hitchcock Medical Center (2011-2015)

Daily	Resident Instruction in Clinic, Inpatient, and OR Settings
Weekly	Otolaryngology Educational Conferences
Quarterly	Core Competency Evaluation Meetings
Annually	Annual Resident Evaluation Meetings
Annually	Annual Residency Program Review

INVITED PRESENTATIONS

“Contemporary Management of Congenital Cysts of the Head and Neck” at American Academy of Otolaryngology-Head and Neck Surgery Annual Meeting (Los Angeles, CA), September 2005.

“The Pediatric Airway” at Dartmouth-Hitchcock Department of Anesthesiology Airway Management Symposium (DHMC), September 2006.

“Infants with Stridor” at Concord Hospital Department of Pediatrics CME Conference (Concord, NH), November 13, 2007.

“Pediatric Airway Endoscopy” at Association of Perioperative Registered Nurses Conference (DHMC), February 2, 2008.

“Stridor in Infants and Children” at Children’s Hospital at Dartmouth Annual Pediatric Conference (Woodstock, VT), March 1, 2008.

“Sharing the Pediatric Airway” at Dartmouth-Hitchcock Department of Anesthesiology Airway Management Symposium (DHMC), September 27, 2008.

“Noisy Breathing in Infants and Children” at Pediatrics Grand Rounds, Monadnock Community Hospital (Peterborough, NH), April 22, 2009.

- “Stridor in Infant and Children” at Otolaryngology for the Primary Care Physician Conference (DHMC), April 27, 2009.
- “Disorders of Breathing and Feeding in Children” at Nutrition, Feeding, and Swallowing Network (Bedford, NH), May 13, 2009.
- “Noisy Breathing in Infants and Children” at Department of Pediatrics CME Conference, Elliot Hospital (Manchester, NH), October 28, 2009.
- “Tubes in the Pediatric Airway” at Advanced Concepts in Respiratory Care Conference (DHMC), February 2, 2010.
- “Tracheotomy in Infants and Children” at Department of Pediatrics Grand Rounds (DHMC), February 9, 2010.
- “Diagnosis and Management of Stridor in Children” at Autumn in New England Otolaryngology Update 2011 (DHMC), October 20, 2011.
- “Congenital Airway Anomalies – Rings, Slings, & Things” at Surgery Department Grand Rounds (DHMC), August 17, 2012.
- “Managing Sinusitis in Children” at Autumn in New England Otolaryngology Update 2013 (Hanover, NH), October 20, 2013.
- “AAP Clinical Guidelines Update – Otitis Media and Bacterial Sinusitis” at Children’s Hospital at Dartmouth Regional Faculty Meeting CME Presentation (DHMC), January 30, 2014.
- “General Anesthesia in Young Children – A Surgeon’s Perspective” at Children’s Hospital at Dartmouth’s 26th Annual Dartmouth Pediatrics Conference, (Bretton Woods, NH), March 6, 2016.
- “Tongue and Upper Lip Tie – When and What (Not) to Cut” at Children’s Hospital at Dartmouth’s 26th Annual Dartmouth Pediatrics Conference, (Bretton Woods, NH), March 6, 2016.
- “Otitis Media and Ear Tubes – Clinical Practice Guideline Highlights” at Children’s Hospital at Dartmouth’s 26th Annual Dartmouth Pediatrics Conference, (Bretton Woods, NH), March 6, 2016.
- “Sleep-Disordered Breathing and Tonsillitis – Earn that Tonsillectomy!” at Children’s Hospital at Dartmouth’s 26th Annual Dartmouth Pediatrics Conference, (Bretton Woods, NH), March 6, 2016.
- “Management of Congenital Oral Findings” at Otolaryngology in Primary Care at Dartmouth-Hitchcock Medical Center, April 27, 2016.
- “Tubes in the Pediatric Airway” at Advanced Concepts in Respiratory Care Conference at Dartmouth-Hitchcock Medical Center, June 2, 2016.
- “Pediatric Otolaryngology” at Franklin Pierce University Physician Assistant Master’s Program Educational Series, May 30, 2017
- “Pyiform Apex Sinus Tracts - Rethinking Branchial Arch Anomalies” at Otolaryngology Grand Rounds (DHMC), March 9, 2018
- “Pediatric Airway Issues for Oral Health Care Providers” at Upper Valley Oral Health Care Study Group, March 14, 2018
- “Sleep-Disordered Breathing and Tonsillitis – Earn that Tonsillectomy!” at Primary Care Otolaryngology Essentials Conference (DHMC), April 27, 2018.

“Prenatal Heads-Up: Impending Airway Obstruction in a Newborn” for Otolaryngology-Head and Neck Surgery Grand Rounds (DHMC), March 8, 2019.

Autumn in New England Otolaryngology Update, Sept 27, 2019 (DHMC)

“Ear Tubes and Tonsils: When, Why, How, and What to Expect Post-Operatively” for CHaD Currents: Practical Pearls from Pediatric Subspecialists at Currier Museum of Art, Manchester, NH, November 21, 2019.

RESEARCH FUNDING

1. American Academy of Otolaryngology-Head and Neck Surgery Foundation Resident Research Grant 2014 of \$10,000 supporting resident physician Dr. Courtney Hill’s project entitled “Effect of tonsillectomy on taste acuity and BMI in children.”
2. Hitchcock Foundation Grant 2013 supporting resident physician Dr. Courtney Hill’s project entitled “Taste acuity and obesity in children with tonsillitis.”

PUBLISHED ARTICLES

1. Smith MC, Mallory M, Hansen LA, Ge N, and Masliah E. “Fragmentation of the neuronal cytoskeleton in the Lewy body variant of Alzheimer’s disease.” *NeuroReport* 1995;6(4):673-676.
2. Smith MC, Tinling S, Doyle KJ. “Difluoromethylornithine-induced reversible hearing loss across a wide frequency range.” *Laryngoscope* 2004;114(6):1113-1117.
3. Smith MC, Senders CW. “Prognosis of airway obstruction and feeding difficulty in the Robin sequence.” *Int J Pediatr Otorhinolaryngol* 2006;70(2):319-324.
4. Brookes JT, Smith MC, Smith RJH, Bauman NM, Manaligod JM, Sandler AD. “H-type congenital tracheoesophageal fistula: University of Iowa experience 1985-2005.” *Ann Otol Rhinol Laryngol* 2007;116(5):363-368.
5. Brookes JT, Smith RJH, Menezes AH, Smith MC. “Median labiomandibular glossotomy approach to the craniocervical region.” *Childs Nerv Syst* 2008;24(10):1195-2011.
6. Smith MC, Zimmerman MB, Burke DK, Bauman NM, Sato Y, Smith RJH. “Efficacy and safety of OK-432 immunotherapy of lymphatic malformations: A randomized multi-institutional phase II clinical trial.” *Laryngoscope* 2009;119(1):107-115.
7. Spanos WC, Brookes JT, Smith MC, Burkhart HM, Bell EF, Smith RJH. “Unilateral vocal fold paralysis in premature infants after ligation of patent ductus arteriosus: Vascular clip versus suture ligation.” *Ann Otol Rhinol Laryngol* 2009;118(10):750-753.
8. Smith MC. “Recurrent sore throats – time for tonsil surgery? More often, a child needs time not a tonsillectomy.” *Parenting New Hampshire Magazine* (print and online magazine), Nov 2014.
9. Hill C, Shively L, Taenzer A, Cravero J, Smith M, Chen E. “Effect of intra-operative bupivacaine injection on post-tonsillectomy pain and ambulatory workflow.” *Otolaryngol Head Neck Surg* (submitted 2014).
10. Hill CA, Thimmappa V, Smith MC, Chen EY. “Incidence of visualization of the glossopharyngeal nerve after pediatric tonsillectomy.” *JAMA Otolaryngol Head Neck Surg* 2016;154(3):532-534.

11. Hill CA, Beach M, Smith MC, Chen EY. "Incidence and factors associated with hypogeusia in well children." *JAMA Otolaryngol Head Neck Surg* 2016;142(3):229-233.
12. Hoyt M, Michaelson K, Shapiro P, Skinner C, Smith M, Hillier S, Taenzer A. "Effect of a recommended practice management change (the avoidance of postoperative opioids) on desaturation patterns in tonsillectomies in children under 3 years of age: Nothing changed." *Submitted to Pediatric Anesthesia, January 2018.*
13. Polacco M, Magro I, Li S, Smith M. "Thyroid abscess following traumatic intubation." *Otolaryngology Case Reports* 2017;4:6-8.

PRESENTATIONS

1. Smith MC, Tinling S, Doyle KJ. "Difluoromethylornithine-induced reversible hearing loss across a wide frequency range" presented at the Bay Area Residents' Research Symposium, June 2002, and at the annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery, September 2002.
2. Smith MC, Enepekides DE. "Rare laryngeal lipoma excised with microdebrider" presented at the annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery, September 2003.
3. Smith MC, Senders CW. "Prognosis of airway obstruction and feeding difficulty in the Robin sequence" presented at the annual meeting of the Society for Ear, Nose, and Throat Advances in Children, December 2004.
4. Canady JW, Franciscus R, Smith MC. "World's oldest patient with a cleft?" presented at the annual meeting of the American Cleft Palate-Craniofacial Association, April 2005.
5. Smith MC, Shellenberger DL, O'Brien EK, Smith RJH. "Median labiomandibular glossotomy approach in children – anterior access to the craniocervical junction" presented at the annual meeting of the Society for Ear, Nose, and Throat Advances in Children, December 2005.
6. Brookes JT, Karnell M, Smith MC, Canady JW. "Postoperative speech outcomes for velopharyngeal insufficiency in patients with velocardiofacial syndrome" presented at the annual meeting of the American Cleft Palate-Craniofacial Association, April 2006.
7. Smith MC, Bauman NM, Burke DK, Manaligod JM, Sato Y, Smith RJH. "OK-432 immunotherapy of cervicofacial lymphatic malformations – multi-institutional phase II clinical trial" presented at the annual meeting of the American Society of Pediatric Otolaryngologists, May 2006.
8. Spanos WC, Brookes JT, Smith MC, Bell E, Burkhart H, Smith RJH. "Incidence of vocal cord paralysis in infants after ligation of patent ductus arteriosus" presented at the annual meeting of the American Broncho-Esophagological Association, April 2007.
9. Andeweg SK, Beach ML, Blike GT, Cravero JP, Morrison DM, Donegan JO, Smith MC. "Emergence agitation after myringotomies in pediatric patients after sevoflurane maintenance vs. Propofol" presented at the annual meeting of the American Society of Anesthesiologists, Fall 2008.
10. Tangchaivang N, Jones JL, Manaligod J, Smith MC. "Juvenile xanthogranuloma of the pediatric airway" presented at the annual meeting of the Society for Ear, Nose, and Throat Advances in Children, December 2008.
11. Maddox PT, Smith MC. "Cervical actinomyces secondary to a pyriform apex sinus" presented at the annual meeting of the American Academy of Otolaryngology-Head and Neck Surgery, September 2010.
12. Shively LL, Smith MC. "Retropharyngeal ganglioneurofibroma and diagnosis of neurofibromatosis-1" presented at the New England Otolaryngological Society (NEOS) Fall meeting, September 2010.

13. Maddox PT, Smith MC. "Pediatric OSA – More than just tonsillar hypertrophy: An interesting case of oropharyngeal airway obstruction" presented at the New England Otolaryngological Society (NEOS) Spring meeting, March 2012.
14. Shively LL, Smith MC, Saunders J. "Recurrent acute facial paralysis in a child with external auditory canal atresia without cholesteatoma" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), April 2012.
15. Noonan K, Smith MC. "Inflammatory pseudotumor of the nasopharynx" presented at the New England Otolaryngological Society (NEOS) Spring meeting, April 2014.
16. Hill C, Smith MC. "Management of type II laryngeal cleft in setting of congenital subglottic stenosis" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), May 2014.
17. Hill, C, Shively L, Frazee T, Taenzer A, Cravero J, Smith M, Chen E. "Effect of intra-operative bupivacaine injection on post-tonsillectomy pain and ambulatory workflow" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), May 2014.
18. Hill CA, Thimmappa V, Smith MC, Chen EY. "Incidence of visualization of the glossopharyngeal nerve after pediatric tonsillectomy." presented at Triologic Society, Jan 2015.
19. Hill C, Beach M, Smith M, Chen E. "Incidence of and factors correlated with hypogeusia in well children" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), April 2015.
20. Mahomva C, Harris S, Seebran N, Mudge B, Smith M, Catlin B, Davies L. "Improving access to education for South African children who attend school with a tracheostomy" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), April 2015.
21. Hill C, Smith M, Beach M, Chen E. "Glossopharyngeal nerve taste in children with recurrent tonsillitis" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), May 2016.
22. Hill C, Marra K, Dang S, Smith, Beach, M, Chen E. "Prospective pilot study of pre- and post-tonsillectomy taste and BMI" presented at annual meeting of the American Society of Pediatric Otolaryngology (ASPO), May 2017.