Stanford

Alyssa Smith

Clinical Assistant Professor, Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

- **Pediatric Otolaryngology Head and Neck Surgery**

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Bio

BIO

Dr. Smith received her undergraduate degree in biomedical engineering from the University of Connecticut, and her medical degree from Georgetown University School of Medicine, where she was a member of the Gold Humanism Honor Society. She completed residency training in Otolaryngology-Head & Neck Surgery at the Mayo Clinic in Minnesota. This was followed by a Pediatric Otolaryngology fellowship at Ann & Robert H. Lurie Children's Hospital in Chicago. She is currently a Clinical Assistant Professor in the Department Otolaryngology, Division of Pediatric Otolaryngology, at Stanford University.

Dr. Smith is board certified by the American Board of Otolaryngology-Head and Neck Surgery and is a member of the American Society of Pediatric Otolaryngology (ASPO), Society for Ear Nose and Throat Advancements in Children (SENTAC), and the American Academy of Otolaryngology-Head and Neck Surgery (AAO-HNS). She serves on the Pediatric Otolaryngology Education Committee with the AAO-HNS.

She has a wide range of clinical interests including aerodigestive disorders, airway reconstruction, obstructive sleep apnea, tracheostomy care, congenital neck masses, benign and malignant head and neck tumors, and sinonasal disorders.

CLINICAL FOCUS

- Complex Pediatric Otolaryngology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Otolaryngology (Head and Neck Surgery)

PROFESSIONAL EDUCATION

- Board Certification: Complex Pediatric Otolaryngology, American Board of Otolaryngology (2025)
- Board Certification: Otolaryngology, American Board of Otolaryngology (2023)
- Fellowship: Ann and Robert H Lurie Children's Hospital Pediatric Otolaryngology Fellowship (2023) IL

- Residency: Mayo Clinic Otolaryngology Residency Program (2022) MN
- Medical Education: Georgetown University School of Medicine (2017) DC

Publications

PUBLICATIONS

- **Comparative outcomes of intracapsular and total tonsillectomy for obstructive sleep apnea in children with Trisomy 21** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*
  Fu, B. J., Xu, H., Smith, A. J., Valdez, T. A.
  2026; 208: 112950

- **How Human Factors Programs Transform Team Behavior-Airlines to Airways.** *JAMA otolaryngology-- head & neck surgery*
  Smith, A. J., Balakrishnan, K.
  2026

- **The Utility of Large Language Models to Assist With Emergency Triage Decisions Within Otolaryngology.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Hack, S., Attal, R., Steckbeck, R. J., Boldes, T., Ayeni, T., Smith, A. J., Sagiv, D., Kellermeyer, B., Garcia-Lliberos, A., Rodriguez-Prado, C., Biadsee, A., Sebelik, M., Roxbury, et al
  2026

- **Clinical Care Guideline Implementation of Nebulized Tranexamic Acid in Post-Tonsillectomy Hemorrhage.** *The Laryngoscope*
  Lavin, J., Billings, K., Smith, A., Patel, K., Corboy, J., Hazkani, I.
  2026

- **A geospatial analysis of the pediatric otolaryngology workforce in the United States.** *International journal of pediatric otorhinolaryngology*
  Fehrenbach, M. P., Park, A. C., Abney, P. O., Sweatt, M. N., Smith, A. J.
  2025; 197: 112536

- **Changes in Thyroglossal Duct Cyst Case Volume During the COVID-19 Pandemic** *LARYNGOSCOPE INVESTIGATIVE OTOLARYNGOLOGY*
  Fehrenbach, M. P., Masden, L. R., Ebelhar, A. J., Morris, D. H., Morris, L. B., Smith, A. J.
  2025; 10 (4): e70205

- **Toothbrush Oropharyngeal Impalement With Spinal Canal Compromise: 2-Dimensional Operative Video** *OPERATIVE NEUROSURGERY*
  Mikula, A. L., Ransom, R. C., Nesvick, C. L., Douse, D. M., Smith, A. J., Maldonado, G., Clements, C. M., Kim, B. D., Driscoll, C. L., Elder, B. D.
  2022; 23 (6): E377-E378

- **Telehealth as an effective method of follow-up for pediatric post tonsillectomy patients** *AMERICAN JOURNAL OF OTOLARYNGOLOGY*
  Smith, A. J., Yoon, J. J., Cofer, S. A., Orvidas, L. J.
  2022; 43 (6): 103639

- **Prevalence of Surgical, Anesthetic, and Device-related Complications Among Infants Implanted Before 9 and 12 Months of Age Versus Older Children: Evidence for the Continued Expansion of Pediatric Cochlear Implant Candidacy Criteria** *OTOLOGY & NEUROTOLOGY*
  Chweya, C. M., Smith, A. J., May, M. M., Lohse, C. M., Neff, B. A., Driscoll, C. L. W., Carlson, M. L.
  2021; 42 (6): E666-E674

- **Aneurysmal Bone Cysts of the Paranasal Sinuses: The Mayo Clinic Experience and Review of the Literature** *LARYNGOSCOPE*
  Smith, A. J., Choby, G., Van Gompel, J. J., Link, M. J., Van Abel, K. M.
  2021; 131 (9): E2525-E2533

- **Postoperative dysphagia immediately following pediatric endoscopic laryngeal cleft repair.** *International journal of pediatric otorhinolaryngology*
  Kiessling, P., Smith, A., Puccinelli, C., Balakrishnan, K.
  2021; 142: 110625

- **Association of bone mineral density of the anterior cranial base, obesity, and spontaneous cerebrospinal fluid rhinorrhea** *INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY*
  Low, C. M., Kim, D., Smith, A. J., Yin, L. X., Smith, B. M., Stokken, J. K., O'Brien, E. K., Link, M. J., Van Gompel, J. J., Choby, G.
  2021; 11 (4): 804-806

- **Creation of a New Educational Podcast: "Headmirror's ENT in a Nutshell".** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Barnes, J. H., Choby, G., Smith, A. J., Kiessling, P., Marinelli, J. P., Bowe, S., Carlson, M. L.
  2020; 163 (4): 623-625

- **Elevated Urine LeukotrieneE4Is Associated With Worse Objective Markers in Nasal Polyposis Patients** *LARYNGOSCOPE*
  Choby, G., O'Brien, E. K., Smith, A., Barnes, J., Hagan, J., Stokken, J. K., Strumpf, A., Mattos, J. L., Payne, S. C., Divekar, R.
  2021; 131 (5): 961-966

- **Determining the utility of standard hospital microbiology testing: Comparing standard microbiology cultures with DNA sequence analysis in patients with chronic sinusitis.** *World journal of otorhinolaryngology - head and neck surgery*
  Rapoport, S. K., Smith, A. J., Bergman, M., Scriven, K. A., Brook, I., Mikula, S. K.
  2019; 5 (2): 82-87