



Kara Davis Meister

- Clinical Assistant Professor, Otolaryngology - Head & Neck Surgery Divisions
- Clinical Assistant Professor (By courtesy), Pediatrics - Operations
- 📄 NIH Biosketch available Online
- 📄 Curriculum Vitae available Online

CLINICAL OFFICES

- **Pediatric Otolaryngology/Head Neck Surgery**

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Bio

BIO

Kara D. Meister, MD, is a pediatric otolaryngologist and head & neck surgeon. She received her medical degree from Medical University of South Carolina and completed her otolaryngology residency at University of Pittsburgh. She completed a NIH funded fellowship in head and neck research at the University of Pittsburgh. Dr. Meister then went on to complete a pediatric otolaryngology fellowship at Lucile Packard Children's Hospital Stanford.

She is currently a Clinical Assistant Professor in the Department Otolaryngology, Division of Pediatric Otolaryngology, at Stanford University. Dr. Meister's research interest involves understanding the use of technology to diagnose and treat pediatric patients, specifically the use of point-of-care ultrasonography. Her clinical interests include airway evaluation and reconstruction, voice and swallowing problems, and treatment of patients with head and neck masses including thyroid nodules and cancer. She is Co-Director, Surgical, of the Children's Thyroid Center at Lucile Packard Children's Hospital Stanford and is a participating surgeon in the Aerodigestive and Airway Reconstruction Center at Stanford Children's Health.

Clinical Expertise:

Children's Thyroid Center, Co-Director, Surgical

Aerodigestive and Airway Reconstruction Center

Head and Neck masses

Vocal Cord Dysfunction Clinic

Voice Clinic

Fetal Airway and Exit Team

Commonly treated diagnoses: Pediatric thyroid cancer, pediatric thyroid masses, Pediatric Head and Neck masses, subglottic stenosis, airway reconstruction, laryngeal reconstruction, tracheal stenosis, noisy breathing, tracheostomy, stridor, complete tracheal rings, vocal fold paralysis, bronchoscopy, Aerodigestive and Airway Reconstruction Center, Vocal Cord Dysfunction, pediatric voice disorders, Vascular Anomalies, Fetal Airway and Exit Surgery

CLINICAL FOCUS

- Otolaryngology

ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Otolaryngology - Head & Neck Surgery Divisions
- Clinical Assistant Professor (By courtesy), Pediatrics - Operations
- Member, Maternal & Child Health Research Institute (MCHRI)

HONORS AND AWARDS

- Clinician Educator Grant, "Next Generation Sequencing for HN Infections", PI: K. Meister, \$20,000, Maternal and Child Health Research Institute (MCHRI), Stanford University (2019-2020)
- Adam T. Ross, MD, Leadership Excellence Grant, American Academy of Otolaryngology—Head & Neck Surgery (2017)
- Women in Otolaryngology Section Exemplary Senior Trainee Award, American Academy of Otolaryngology—Head & Neck Surgery (2016)
- "Co-targeting HER3 and PI3K in Squamous Cell Carcinoma", AAO-HNSF Resident Research Award CORE Grant (\$10,000) (2015)
- Research Training in Otolaryngology, NIH T32 DC000066 (\$107,140) (2014)

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Taskforce Member, Content Curation Working Group, American Academy of Otolaryngology--Head & Neck Surgery (2019 - present)
- Taskforce Member, Item Writing Group, American Academy of Otolaryngology--Head & Neck Surgery (2018 - present)
- Committee Member, Media & Public Relations Committee, American Academy of Otolaryngology—Head & Neck Surgery (2018 - present)
- Committee Member, Pediatric Otolaryngology Education Committee, American Academy of Otolaryngology—Head & Neck Surgery (2018 - present)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University Pediatric Otolaryngology Fellowship (2018) CA
- Board Certification: Otolaryngology, American Board of Otolaryngology (2018)
- Residency: University of Pittsburgh Otolaryngology Residency (2017) PA
- BS, Clemson University (2006)
- Medical Education: Medical University of South Carolina Registrar (2011) SC
- MD, Medical University of South Carolina (2011)

Publications

PUBLICATIONS

- **Systemic Bevacizumab for Treatment of Respiratory Papillomatosis: International Consensus Statement.** *The Laryngoscope*
Sidell, D. R., Balakrishnan, K., Best, S. R., Zur, K., Buckingham, J., De Alarcon, A., Baroody, F. M., Bock, J. M., Boss, E. F., Bower, C. M., Campisi, P., Chen, S. F., Clarke, et al
2021
- **Modeling human adaptive immune responses with tonsil organoids.** *Nature medicine*
Wagar, L. E., Salahudeen, A. n., Constantz, C. M., Wendel, B. S., Lyons, M. M., Mallajosyula, V. n., Jatt, L. P., Adamska, J. Z., Blum, L. K., Gupta, N. n., Jackson, K. J., Yang, F. n., Röltgen, et al
2021

- **Multidisciplinary Safety Recommendations After Tracheostomy During COVID-19 Pandemic: State of the Art Review.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Meister, K. D., Pandian, V., Hillel, A. T., Walsh, B. K., Brodsky, M. B., Balakrishnan, K., Best, S. R., Chinn, S. B., Cramer, J. D., Graboyes, E. M., McGrath, B. A., Rassekh, C. H., Bedwell, et al
2020: 194599820961990
- **Management of Swallowing and Feeding Disorders in Schools (Book Review)** *INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY*
Book Review Authored by: Meister, K. D.
2020; 135
- **Using Augmented Reality to Reduce Fear and Promote Cooperation During Pediatric Otolaryngologic Procedures.** *The Laryngoscope*
Caruso, T. J., Madill, M. n., Sidell, D. n., Meister, K. n., Wang, E. n., Menendez, M. n., Kist, M. N., Rodriguez, S. n.
2020
- **Risk Assessment and Early Mobilization Pathway Following Pediatric Tracheostomy: A Pilot Study.** *The Laryngoscope*
Sioshansi, P. C., Byrne, E. n., Freccero, A. n., Meister, K. D., Sidell, D. R.
2020
- **Static endoscopic swallow evaluation in children.** *The Laryngoscope*
Meister, K. D., Okland, T., Johnson, A., Galera, R., Ayoub, N., Sidell, D. R.
2019
- **Injection Laryngoplasty for Children with Unilateral Vocal Fold Paralysis: Procedural Limitations and Swallow Outcomes** *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*
Meister, K. D., Johnson, A., Sidell, D. R.
2019; 160 (3): 540–45
- **Current Experience of Ultrasound Training in Otolaryngology Residency Programs** *JOURNAL OF ULTRASOUND IN MEDICINE*
Meister, K. D., Vila, P. M., Bonilla-Velez, J., Sebelik, M., Orloff, L. A.
2019; 38 (2): 393–97
- **The Runaway Croup Train: Off the Pathway and Through the Woods.** *Hospital pediatrics*
Weatherly, J. n., Song, Y. n., Meister, K. n., Berg, M. n.
2019
- **Application-Based Translaryngeal Ultrasound for the Assessment of Vocal Fold Mobility in Children.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Sayyid, Z. n., Vendra, V. n., Meister, K. D., Krawczeski, C. D., Speiser, N. J., Sidell, D. R.
2019: 194599819877650
- **Pediatric Thyroid Cancer Incidence and Mortality Trends in the United States, 1973-2013.** *JAMA otolaryngology-- head & neck surgery*
Qian, Z. J., Jin, M. C., Meister, K. D., Megwalu, U. C.
2019
- **Injection Laryngoplasty for Children with Unilateral Vocal Fold Paralysis: Procedural Limitations and Swallow Outcomes.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Meister, K. D., Johnson, A., Sidell, D. R.
2018: 194599818813002
- **Current Experience of Ultrasound Training in Otolaryngology Residency Programs.** *Journal of ultrasound in medicine : official journal of the American Institute of Ultrasound in Medicine*
Meister, K. D., Vila, P. M., Bonilla-Velez, J., Sebelik, M., Orloff, L. A.
2018
- **What parents are reading about laryngomalacia: quality and readability of internet resources on laryngomalacia.** *Int J Pediatr Otorhinolaryngol*
Carredera , E., Meister, K. D., Simons, J. P., Jabbour, N.
2018
- **TMEM16A/ANO1 suppression improves response to antibody-mediated targeted therapy of EGFR and HER2/ERBB2.** *Genes, chromosomes & cancer*
Kulkarni, S., Bill, A., Godse, N. R., Khan, N. I., Kass, J. I., Steehler, K., Kemp, C., Davis, K., Vertrand, C. A., Vyas, A. R., Holt, D. E., Grandis, J. R., Gaither, et al

2017

- **TMEM16A/ANO1 suppression improves response to antibody-mediated targeted therapy of EGFR and HER2/ERBB2.** *Genes, chromosomes & cancer*
Kulkarni, S. n., Bill, A. n., Godse, N. R., Khan, N. I., Kass, J. I., Steehler, K. n., Kemp, C. n., Davis, K. n., Bertrand, C. A., Vyas, A. R., Holt, D. E., Grandis, J. R., Gaither, et al
2017; 56 (6): 460–71
- **Clinical Practice Guideline: Improving Nasal Form and Function after Rhinoplasty Executive Summary.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Ishii, L. E., Tollefson, T. T., Basura, G. J., Rosenfeld, R. M., Abramson, P. J., Chaiet, S. R., Davis, K. S., Doghramji, K. n., Fariior, E. H., Finestone, S. A., Ishman, S. L., Murphy, R. X., Park, et al
2017; 156 (2): 205–19
- **Clinical Practice Guideline: Improving Nasal Form and Function after Rhinoplasty.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Ishii, L. E., Tollefson, T. T., Basura, G. J., Rosenfeld, R. M., Abramson, P. J., Chaiet, S. R., Davis, K. S., Doghramji, K. n., Fariior, E. H., Finestone, S. A., Ishman, S. L., Murphy, R. X., Park, et al
2017; 156 (2_suppl): S1–S30
- **What might parents read: Sorting webs of online information on vascular anomalies.** *International journal of pediatric otorhinolaryngology*
Davis, K. S., McCormick, A. A., Jabbour, N. n.
2017; 93: 63–67
- **Association of pretreatment body mass index and survival in human papillomavirus positive oropharyngeal squamous cell carcinoma.** *Oral oncology*
Albergotti, W. G., Davis, K. S., Abberbock, S. n., Bauman, J. E., Ohr, J. n., Clump, D. A., Heron, D. E., Duvvuri, U. n., Kim, S. n., Johnson, J. T., Ferris, R. L.
2016; 60: 55–60
- **The Pursuit of Otolaryngology Subspecialty Fellowships.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Wilson, M. N., Vila, P. M., Cohen, D. S., Carter, J. M., Lawlor, C. M., Davis, K. S., Raol, N. P.
2016; 154 (6): 1027–33
- **Intraoperative Image Guidance Improves Outcomes in Complex Orbital Reconstruction by Novice Surgeons.** *Journal of oral and maxillofacial surgery : official journal of the American Association of Oral and Maxillofacial Surgeons*
Davis, K. S., Vosler, P. S., Yu, J. n., Wang, E. W.
2016; 74 (7): 1410–15
- **Tumor volume as a predictor of survival in human papillomavirus-positive oropharyngeal cancer.** *Head & neck*
Davis, K. S., Lim, C. M., Clump, D. A., Heron, D. E., Ohr, J. P., Kim, S. n., Duvvuri, U. n., Johnson, J. T., Ferris, R. L.
2016; 38 Suppl 1: E1613–7
- **A prospective phase 2 trial of reirradiation with stereotactic body radiation therapy plus cetuximab in patients with previously irradiated recurrent squamous cell carcinoma of the head and neck.** *International journal of radiation oncology, biology, physics*
Vargo, J. A., Ferris, R. L., Ohr, J. n., Clump, D. A., Davis, K. S., Duvvuri, U. n., Kim, S. n., Johnson, J. T., Bauman, J. E., Gibson, M. K., Branstetter, B. F., Heron, D. E.
2015; 91 (3): 480–88
- **Stereotactic body radiotherapy for recurrent oropharyngeal cancer - influence of HPV status and smoking history.** *Oral oncology*
Davis, K. S., Vargo, J. A., Ferris, R. L., Burton, S. A., Ohr, J. P., Clump, D. A., Heron, D. E.
2014; 50 (11): 1104–8
- **Multi-institutional investigation of the prognostic value of lymph nodel yield in advanced-stage oral cavity squamous cell carcinoma.** *Head & neck*
Jaber, J. J., Zender, C. A., Mehta, V. n., Davis, K. n., Ferris, R. L., Lavertu, P. n., Rezaee, R. n., Feustel, P. J., Johnson, J. T.
2014; 36 (10): 1446–52
- **Occult Primary Head and Neck Squamous Cell Carcinoma: Utility of Discovering Primary Lesions.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
Davis, K. S., Byrd, J. K., Mehta, V. n., Chiosea, S. I., Kim, S. n., Ferris, R. L., Johnson, J. T., Duvvuri, U. n.
2014; 151 (2): 272–78
- **Transoral Robotic Surgery and the Unknown Primary: A Cost-Effectiveness Analysis.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*

Byrd, J. K., Smith, K. J., de Almeida, J. R., Albergotti, W. G., Davis, K. S., Kim, S. W., Johnson, J. T., Ferris, R. L., Duvvuri, U. n.
2014; 150 (6): 976–82

● **External validity reporting in behavioral treatment of childhood obesity: a systematic review.** *American journal of preventive medicine*

Klesges, L. M., Williams, N. A., Davis, K. S., Buscemi, J. n., Kitzmann, K. M.
2012; 42 (2): 185–92

● **Pathology quiz case 3. Heterotopic gastric mucosa (inlet patch).** *Archives of otolaryngology--head & neck surgery*

Davis, K. S., Welsh, C. T., Hawes, R. H., Gillespie, M. B.
2011; 137 (8): 831; author reply 834–35