Stanford



Seth J. Davis, MD

Assistant Professor of Otolaryngology - Head & Neck Surgery (OHNS)

Otolaryngology (Head and Neck Surgery)

CLINICAL OFFICE (PRIMARY)

- **Stanford Dept of Otolaryngology, Head and Neck Surgery**

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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

  Marlena Sandoval - Academic Administrative Assistant

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Bio

BIO

Dr. Davis is a board certified, fellowship trained facial plastic and reconstructive surgeon providing care at Stanford Health Care's Facial Plastic Surgery clinics. He is an assistant professor in the Department of Otolaryngology — Head & Neck Surgery at the Stanford University School of Medicine.

Dr. Davis is a highly trained specialist in aesthetic and functional plastic surgery of the head and neck. His expertise ranges from facial cosmetic surgery to maxillofacial trauma repair and complex reconstruction following cancer resection. Dr. Davis has special interest in surgical treatment of rare diseases such as facial paralysis and underrepresented patient populations seeking gender-affirming surgery. He also participates in international humanitarian efforts to treat congenital and acquired defects of the face, with an emphasis on educating future local surgeons.

Dr. Davis received his medical degree with honors from the Medical College of Wisconsin, where he was awarded the dean's merit scholarship and inducted into both the Gold Humanism Honor Society and the Alpha Omega Alpha Honor Medical Society. He went on to complete a residency in Otolaryngology at one of the nation's most prestigious training programs, Vanderbilt University, serving as chief of resident education. Following residency, he was selected for one of the most competitive fellowships in Facial Plastic & Reconstructive Surgery and received an institutional award for outstanding performance in mentorship and teaching.

Dr. Davis' research interests include novel treatments for post-facial paralysis management, clinical outcomes in revision rhinoplasty and complex nasal reconstruction, and development of global health educational initiatives. He has presented grant funded, award winning research at dozens of conferences both locally and internationally. He has also published in a wide variety of high-impact journals, including Annals of Oncology, The Laryngoscope, and Facial Plastic Surgery & Aesthetic Medicine.

Dr. Davis is a member of the American Board of Otolaryngology – Head and Neck Surgery, American Academy of Facial Plastic and Reconstructive Surgery, and American Academy of Otolaryngology – Head and Neck Surgery.

CLINICAL FOCUS

- Facial Plastic Surgery
- Rhinoplasty
- Facelift
- Blepharoplasty
- Botox & Fillers
- Facial Reconstructive Surgery
- Skin Cancer Reconstruction
- Nasal Reconstruction
- Gender Affirming Surgery
- Facial Reanimation Surgery

ACADEMIC APPOINTMENTS

- Assistant Professor-Univ Med Line, Otolaryngology (Head and Neck Surgery)

HONORS AND AWARDS

- Shipchandler Family Fellowship, Mentorship & Teaching Award, Indiana University School of Medicine (2023)
- Outstanding Resident Research Award, Vanderbilt University Medical Center (2020, 2021)
- Otolaryngology Training Exam Award, Vanderbilt University Medical Center
- Global Health Partner, Butterfly Network

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Member, American Board of Otolaryngology – Head & Neck Surgery (2023 - present)
- Member, American Academy of Facial Plastic and Reconstructive Surgery (2020 - present)
- Member, American Academy of Otolaryngology – Head & Neck Surgery (2017 - present)

PROFESSIONAL EDUCATION

- Residency: Vanderbilt University Dept of Otolaryngology (2022) TN
- Board Certification: Otolaryngology, American Board of Otolaryngology (2023)
- Fellowship, Indiana University School of Medicine , Facial Plastic & Reconstructive Surgery (2023)
- Residency, Vanderbilt University Medical Center , Otolaryngology - Head & Neck Surgery (2022)
- MD, Medical College of Wisconsin (2017)
- BA, University of Wisconsin-Madison (2012)

LINKS

- Dr. Davis' Clinical Site: https://med.stanford.edu/facialplastics/drdavis
- Stanford Facial Plastic & Reconstructive Surgery: https://stanfordhealthcare.org/medical-clinics/facial-plastic-reconstructive-surgery.html
- Stanford Facial Nerve Center: https://stanfordhealthcare.org/medical-clinics/facial-nerve-center.html
- Get a Second Opinion: https://stanfordhealthcare.org/second-opinion/overview.html
- Google Scholar: https://scholar.google.com/citations?user=5hKXMnsAAAAJ

Research & Scholarship

CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Davis' research interests include novel treatments for post-facial paralysis management, clinical outcomes in revision rhinoplasty and complex nasal reconstruction, and development of global health educational initiatives. He has presented grant funded, award winning research at dozens of conferences both locally and internationally. He has also published in a wide variety of high-impact journals, including Annals of Oncology, The Laryngoscope, and Facial Plastic Surgery & Aesthetic Medicine.

Publications

PUBLICATIONS

- **Evaluation of Rhinoplasty Information from ChatGPT, Gemini, and Claude for Readability and Accuracy.** *Aesthetic plastic surgery*
  Meyer, M. K., Kandathil, C. K., Davis, S. J., Durairaj, K. K., Patel, P. N., Pepper, J. P., Spataro, E. A., Most, S. P.
  2024
- **Buccal Fat Advancement-Transposition Flap for Reconstruction of Midface Volume Defects.** *Facial plastic surgery & aesthetic medicine*
  Davis, S. J., Park, C., Shipchandler, I. T., Abdulhak, A., Vernon, D., Lee, H. B., Mantravadi, A. V., Ting, J., Shipchandler, T. Z.
  2024
- **Clinical and surgical factors associated with opioid refill rates following septorhinoplasty.** *American journal of otolaryngology*
  Park, C., Reategui Via Y Rada, M. L., Pandhiri, T., Davis, S., Shipchandler, T., Vernon, D.
  2024; 45 (4): 104268
- **Assessing the feasibility of a multimodal liquid biopsy for the diagnosis of HPV-associated oropharyngeal squamous cell carcinoma.** *American journal of clinical pathology*
  Lewis, J. S., Naegele, S., Efthymiou, V., Mehrad, M., Ely, K. A., Waterboer, T., Lang Kuhs, K. A., Davis, S. J., Richard, K., Das, D., Faden, D. L.
  2024
- **Forehead Flap Practices: A Cross-Sectional Survey of Facial Plastic and Reconstructive Surgeons.** *Facial plastic surgery & aesthetic medicine*
  DeSisto, N. G., Arnaud, E. H., Chowdhury, N., Davis, S. J., Kimura, K. S., Stephan, S. J., Patel, P. N., Yang, S. F.
  2023
- **Utility of PET-CT in Newly Diagnosed HPV-Associated Oropharyngeal Squamous Cell Carcinoma.** *The Annals of otology, rhinology, and laryngology*
  Lee, J., Davis, S. J., Amin, S. N., Rohde, S. L., Kim, Y. J.
  2023; 132 (10): 1133-1139
- **Septal Perforation Repair Using a Temporoparietal Fascia and Polydioxanone Plate Construct: A Multi-Institutional Analysis.** *Facial plastic surgery & aesthetic medicine*
  Davis, S. J., Rossi Meyer, M., Misch, E., McLeod, M., Occhiogrosso, J., Yau, J., Mims, M., Dedhia, R. D., Sowder, J. C., Shockley, R., Cerrati, E., Shaye, D., Shockley, et al
  2023; 25 (3): 212-219
- **Chemodenervation of the Posterior Belly of the Digastric Muscle in Facial Synkinesis.** *Facial plastic surgery & aesthetic medicine*
  Longino, E. S., Davis, S. J., Landeen, K. C., Kimura, K. S., Sharma, R. K., Ortiz, A. S., Yang, S. F., Patel, P. N., Stephan, S. J.
  2023; 25 (5): 378-383
- **Professional Social Media in Facial Plastic and Reconstructive Surgery: Usage, Resources, and Barriers.** *The Annals of otology, rhinology, and laryngology*
  Landeen, K. C., Smetak, M. R., Keah, N. M., Davis, S. J., Shastri, K., Patel, P., Stephan, S. J., Yang, S. F.
  2023; 132 (9): 1085-1089
- **Balloon Sinuplasty and Stenting in the Management of Complex Frontal Sinus Outflow Tract Fractures.** *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*
  Davis, S. J., Naguib, M., Dedhia, R. D., Bauer, A. M., Stephan, S. J., Russell, P. T.

2023; 169 (2): 397-405

- **Varicella Zoster Virus Reactivation Involving the Vagus Nerve.** *The Annals of otology, rhinology, and laryngology*
  Davis, S., Thomas, E., Lowery, A., Kahue, C., Gelbard, A.
  2023; 132 (7): 818-824
- **Single Institution Experience With Sinonasal Glomangiopericytoma: A Case Series.** *Ear, nose, & throat journal*
  Schauwecker, N., Davis, S., Perez, A., Labby, A., Mannion, K., Sinard, R., Lewis, J. S., Chandra, R.
  2023: 1455613231179688
- **Normative Values of the Nasal Obstruction Symptom Evaluation Scale.** *Facial plastic surgery & aesthetic medicine*
  Shastri, K., Gao, Y., Davis, S. J., Kimura, K. S., Patel, P. N., Stephan, S. J., Yang, S. F.
  2023; 25 (1): 35-39
- **Augmented Skin Grafting: A New Rung in the Reconstructive Ladder.** *Facial plastic surgery & aesthetic medicine*
  Landeen, K. C., Davis, S. J., Dedhia, R. D., Shastri, K. S., Ries, W. R., Stephan, S. J.
  2022; 24 (2): 126-129
- **Optimizing Flap Harvest in Auricular Reconstruction.** *The Journal of craniofacial surgery*
  Fernando, S. J., Davis, S. J., Dedhia, R. D., Sowder, J. C., Ramachandra, T., Stephan, S. J.
  2022; 33 (8): 2659-2664
- **Complications Associated with Use of Porous High-Density Polyethylene in Rhinoplasty.** *Facial plastic surgery & aesthetic medicine*
  Davis, S. J., Landeen, K. C., Sowder, J. C., Kimura, K. S., Shastri, K. S., Clymer, M. C., Stephan, S. J.
  2022; 24 (5): 337-343
- **Genetic variation within the human papillomavirus type 16 genome is associated with oropharyngeal cancer prognosis.** *Annals of oncology : official journal of the European Society for Medical Oncology*
  Lang Kuhs, K. A., Faden, D. L., Chen, L., Smith, D. K., Pinheiro, M., Wood, C. B., Davis, S., Yeager, M., Boland, J. F., Cullen, M., Steinberg, M., Bass, S., Wang, et al
  2022; 33 (6): 638-648
- **Trends in Maxillofacial Trauma During COVID-19 at a Level 1 Trauma Center.** *Ear, nose, & throat journal*
  Longino, E. S., Landeen, K. C., Wessinger, B. C., Kimura, K. S., Davis, S. J., Shastri, K. S., Stephan, S. J., Patel, P. N., Yang, S. F.
  2022: 1455613221088697
- **In Response to In Reference to 3D Customization for Microtia Repair in Hemifacial Microsomia.** *The Laryngoscope*
  Kimura, K. S., Ortiz, A., Davis, S., Patel, P., Stephan, S.
  2022; 132 (4): E12-E13
- **3D Customization for Microtia Repair in Hemifacial Microsomia.** *The Laryngoscope*
  Kimura, K., Davis, S., Thomas, E., Dedhia, R., Shastri, K., Patel, P., Stephan, S., Pruthi, S., Griffith, B.
  2022; 132 (3): 545-549
- **Utility of PET-CT for Clinical Evaluation of Newly Diagnosed HPV-Associated Oropharyngeal Squamous Cell Carcinoma**
  Lee, J., Davis, S., Amin, S.
  Ann Otol Rhinol Laryngol.
  2022
- **Rhinoplasty Complications Associated with Use of High-Density Porous Polyethylene Grafts**
  Davis, S., Landeen, K., Sowder, J.
  Facial Plast Surg Aesthet Med.
  2022
- **Septal Perfoplasty for Management of Symptomatic Nasal Septal Perforation: An Alternative to Surgical Closure.** *Facial plastic surgery & aesthetic medicine*
  Davis, S. J., Morse, J. C., Kimura, K. S., Dedhia, R. D., Bauer, A. M., Beckler, A. D., Wright, H. V., Russell, P. T., Stephan, S. J.
  2021; 23 (2): 103-109
- **Oropharyngeal Squamous Cell Carcinoma With Discordant p16 and HPV mRNA Results: Incidence and Characterization in a Large, Contemporary United States Cohort.** *The American journal of surgical pathology*

Shinn, J. R., Davis, S. J., Lang-Kuhs, K. A., Rohde, S., Wang, X., Liu, P., Dupont, W. D., Plummer, D., Thorstad, W. L., Chernock, R. D., Mehrad, M., Lewis, J. S.
2021; 45 (7): 951-961

- **Optimizing septal perforation repair techniques.** *Current opinion in otolaryngology & head and neck surgery*
  Dedhia, R. D., Davis, S. J., Stephan, S. J.
  2020; 28 (4): 212-217

- **Use of Concentrated Epinephrine in the Operating Room** *Procedural Complications in Nasal and Sinus Surgery*
  Davis, S., Morrel , W., Dedhia , R., Stephan , S.
  2020

- **Hearing Loss**
  Otolaryngology Residents, V., Davis, S.
  YouTube.
  2019

- **Tissue-Specific MicroRNA Expression Patterns in Four Types of Kidney Disease.** *Journal of the American Society of Nephrology : JASN*
  Baker, M. A., Davis, S. J., Liu, P., Pan, X., Williams, A. M., Iczkowski, K. A., Gallagher, S. T., Bishop, K., Regner, K. R., Liu, Y., Liang, M.
  2017; 28 (10): 2985-2992