

CURRICULUM VITAE

Varun V. Varadarajan, M.D.

HOME ADDRESS

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Sacramento, CA 95819

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EMPLOYMENT

2021—2023 Associates of Otolaryngology—ENT Specialists of the Rockies, Denver, CO
Neurotologist and Skull Base Surgeon
Director, Cochlear Implant Program

2023 Sacramento Ear, Nose, and Throat
Neurotologist and Skull Base Surgeon

EDUCATION

2006—2010 Bachelor of Arts
Double Major in Music (Sitar Performance) and Biology
Washington University in St. Louis, St. Louis, MO

2010—2014 Doctor of Medicine
Medical College of Wisconsin, Milwaukee, WI
USMLE Step 1: 260
USMLE Step 2: 256
USMLE Step 3: Pass

RESIDENCY

2014—2019 Otolaryngology—Head and Neck Surgery, Class of 2019 University
of Florida College of Medicine, Gainesville, FL

FELLOWSHIP

2019—2021 Neurotology and Cranial Base Surgery
The Ohio State University, Columbus, OH

BOARD CERTIFICATION

2021 American Board of Otolaryngology—Head and Neck Surgery (ABOHNS)

2022 ABOHNS: Neurotology

RESEARCH TRAINING

- 2007—2009 Research Assistant in Nerbonne Laboratory Washington University in St. Louis, St. Louis MO Mentor: Jeanne Nerbonne, Ph.D.
Research focus: Molecular biology and pharmacology research evaluating voltage gated ion channels in the cell membranes of mouse myocardium
- 2010—2014 Co-investigator in Butson Laboratory Medical College of Wisconsin, Milwaukee, WI
Mentor: Christopher Butson, Ph.D.
Research focus: Remote assessment of tremor in patients with Parkinson’s disease using mobile computing devices to optimize symptom management
- 2014—2019 Co-investigator in Antonelli and Dirain Laboratory University of Florida, Gainesville, FL
Mentor: Patrick Antonelli, M.D.
Research focus: Toxin detection after systemic antimicrobial prophylaxis for nasal Implants
- 2019—2021 Co-investigator in He Laboratory The Ohio State University, Columbus, OH
Mentor: Shuman He, M.D., Ph.D.
Research focus: Auditory physiology, neural encoding and auditory perception in cochlear implant users

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

American Medical Association

American Academy of Otolaryngology – Head and Neck Surgery

Triological Society

American Neurotology Society

AWARDS AND HONORS

- 2010 Dean’s List, Washington University in St. Louis
- 2011 Medical Student Summer Research Fellowship, Medical College of Wisconsin
- 2014 Thomas W. Grossman Award in Otolaryngology, Medical College of Wisconsin
- 2016 University of Florida Otolaryngology Residency Head and Neck Anatomy and Surgery Curriculum Top Score
- 2016 Resident Research Award, 2nd place, University of Florida Department of Otolaryngology
- 2017 Society of Teaching Scholars Outstanding Resident Educator Award, University of Florida
- 2018 Society of Teaching Scholars Outstanding Resident Educator Award, University of Florida

- 2018 Head and Neck Surgery Academic Award, University of Florida Department of Otolaryngology
- 2019 Society of Teaching Scholars Outstanding Resident Educator Award, University of Florida
- 2019 Resident Research Award, 1st place, University of Florida Department of Otolaryngology
- 2019 Resident Teaching Award, University of Florida Department of Otolaryngology

ORIGINAL ARTICLES

Varadarajan, V., Blumin, J., & Bock, J. State of the Art of Laryngeal Electromyography. *Current Otorhinolaryngology Reports*. 2013;1(3), 171–177.

Nichols B.G., **Varadarajan V.,** Bock J.M., Blumin J.H. Dysphonia in nursing home and assisted living residents: prevalence and association with frailty. *Journal of Voice*. 2015;29(1), 79-82.

Varadarajan, V. V., & Justice, J. M. Angioleiomyoma of nasal septum: Case report and literature review. *Otolaryngology Case Reports*. 2016;1(1), 1–4.

Varadarajan, V. V., Dirain, C. O., & Antonelli, P. J. Microflora of Retained Intracochlear Electrodes from Infected Cochlear Implants. *Otolaryngology-Head and Neck Surgery*. 2017;157(1), 85-91.

Varadarajan, V., Pace, E., Patel, V., Sawhney R., Amdur, R., Dziegielewski, P. Follicular Thyroid Carcinoma Metastasis to the Facial Skeleton: A Systematic Review. *BMC Cancer*. 2017;17(1), 225.

Varadarajan, V., Bernard, S., Sawhney, R., Boyce, B., Lang, D., Balamohan, S., Baskin, R., Dziegielewski, P. Improving Quality Outcomes in Head and Neck Free Flap Surgery with the use of a Physician Inpatient Coordinator. *Laryngoscope*. 2017;128(2), 336-342.
Study findings led to the allocation of Shands hospital (Gainesville, FL) funding to hire an inpatient physician extender for the head and neck oncology division.

Varadarajan, V., Collins, W., Sawhney, R. Atypical Spindle Cell Neoplasm of the Nasal Sidewall. *Otolaryngology Case Reports*. 2017;3, 18-20.

Bock, J. M., **Varadarajan, V.,** Brawley, M. C., & Blumin, J. H. Evaluation of the natural history of patients who aspirate. *The Laryngoscope*. 2017;127 Suppl, S1-S10. Study received 2017 Harris P. Mosher Award.

Varadarajan, V.V. Arshad, H., Dziegielewski, P.T. Head and neck free flap reconstruction: What is the appropriate post-operative level of care? *Oral Oncology*. 2017;75, 61-66.

Bernard, S.H., Dobson, B.C., **Varadarajan, V.V.,** Justice, J.M. The Role of *Serratia Marcescens* Positive Nasal Cultures in Patients with Refractory Chronic Rhinosinusitis. *Otolaryngology Online Journal*. 2018;8(1).

Dobson, B.C., Bernard, S.H., **Varadarajan, V.V.**, Wang, G.P., Justice, J.M. The Role of *Achromobacter xylosoxidans* Positive Nasal Cultures in Patients with Refractory Chronic Rhinosinusitis. *Otolaryngology Online Journal*. 2018;8(2).

Varadarajan, V.V., DeJesus R., Antonelli, P.J. Novel CT Findings Suggestive of Perilymphatic Gusher. *Otology and Neurotology*. 2018;39(8), 1066-1069.

Lang D.M., Danan D., Sawhney R., Silver, N.L. **Varadarajan V.V.**, Balamohan S., Bernard S.H., Boyce B.J., Dziegielewski P.T. Delayed Discharge in Head and Neck Free Flap Surgery: Causes, Risk Factors, and Strategies to Minimize Unnecessary Hospital Days. *Otolaryngology-Head and Neck Surgery*. 2019;160(5), 829-838.

Stoddard, T.J., **Varadarajan, V.V.**, Justice, J.M. Detection of Microbial Flora in Post-Radiation Sinusitis. *Annals of Otolaryngology, Rhinology, and Laryngology*. 2019;128(12), 1116-1121.

Varadarajan, V.V., Dayton, O.L., DeJesus R., Sarntinoranont, M., Antonelli, P.J. Cochlear basal turn patency in unrecognized perilymph gushers. *International Journal of Pediatric Otorhinolaryngology*. 2019;126, 109601.

Balamohan, S.M., Sawhney R., Lang, D.M., Cheradbuddi, K., **Varadarajan, V.V.**, Bernard, S.H., MacKinnon, L., Boyce, B.J., Antonelli, P.J., Efron, P.A., Dziegielewski, P.T. Prophylactic antibiotics in head and neck free flap surgery: does decreasing duration increase infection rates? A novel protocol put to the test. *American Journal of Otolaryngology*. 2019;40(6), 102276.

Varadarajan, V.V., Antonelli, P.J. Efficacy of the Mini-Meatoplasty. *The Laryngoscope*. 2020;130(5), 1294-1298.

Varadarajan, V.V., Antonelli, P. Diagnosis of cochlear implant infection with Gallium SPECT. *Otology & Neurotology*. 2020;41(4), e526-e528.

Varadarajan V.V., Nasri E., Dziegielewski P.T. Basal cell carcinoma of the oral cavity: a case report. *Otolaryngology Case Reports*. February 2020. 100159.

Riggs, W.J., Hiss, M.M., Skidmore, J., **Varadarajan, V.V.**, Mattingly, J.K., Moberly, A.C., Adunka, O.F. Utilizing Electrocochleography as a Microphone for Fully Implantable Cochlear Implants. *Nature: Scientific Reports*. 2020;10(1), 3714.

Varadarajan, V.V., Adunka, O.F. Transition to In-Office Treatment: Menière's Disease. American Academy of Otolaryngology—Head and Neck Surgery Foundation's (AAO-HNSF) *Bulletin*. April 2020.

Varadarajan, V.V., Adunka, O.F.. Labyrinthitis. Article accepted for the American Academy of Otolaryngology—Head and Neck Surgery Foundation's *ENThealth.org* patient resource center.

Riggs, W.J., Hiss, **Varadarajan, V.V.**, Mattingly, J.K., Adunka, O.F. Enlarged Vestibular Aqueduct: Intraoperative Electrocochleography Findings During Cochlear Implantation. Article in press in *International Journal of Pediatric Otorhinolaryngology*.

Varadarajan, V.V. Antonelli, P.J. Triological Society Best Practice: Is preoperative CT useful or necessary for patients undergoing primary stapes surgery? *The Laryngoscope*. 2021;131(4):703-704.

Varadarajan, V.V., Riggs, W.J., Hiss, M.M., Moberly, A.C., Dodson, E.E., Adunka O.F., Mattingly J.K. Intraoperative electrocochleography of posterior fossa tumors producing Meniere's syndrome. *Otology & Neurotology*. 2020;41(10):e1237-e1242.

Varadarajan V.V., Harris M.S., Moberly A.C. Triological Society Best Practice: When should adults with bilateral hearing loss be referred for cochlear implant evaluation? Article in press in *The Laryngoscope*. 2020.

Batjargal, M., **Varadarajan, V.V.**, Adunka O.F. Vestibular Migraines and Vestibular Therapy. Manuscript in press in American Academy of Otolaryngology—Head and Neck Surgery Foundation's (AAO-HNSF) *Bulletin*. April 2020.

Varadarajan, V.V., Sydlowski, S.A., Li, M.M., Anne, S., Adunka, O.F. Evolving criteria for adult and pediatric cochlear implantation. *Ear Nose and Throat Journal*. 2021;100(1).

Rengifo, D.A. **Varadarajan, V.V.** Vestibular Migraine. Academy of Otolaryngology—Head and Neck Surgery Foundation's *ENThealth.org* patient resource center. 2020.

Varadarajan, V.V., Dayton, O.L., DeJesus, R.O., Antonelli, P.J. Prevalence of Occult Radiographic Cochlear Basal Turn Patency. Manuscript in press in *Acta Otolaryngologica*. April 2020.

Breslin, N., **Varadarajan, V.V.**, Sobel, E., Haberman, R.S. Autoimmune inner ear disease and steroid responsiveness: systematic review of management. Manuscript in press in *Laryngoscope Investigative Otolaryngology*. 2020;5(6), 1217-1226.

Snoop, A., Collins, **Varadarajan, V.V.**, Mowitz, M.E., Islam, S., Collins, W.O. Airway management protocol for conjoined twins delivery. *International Journal of Pediatric Otorhinolaryngology*. 2021;140:110477.

Rengifo, D.A., **Varadarajan, V.V.**, Lai, J., Justice, J.M. Transformation of nasal seromucinous hamartoma to non-intestinal adenocarcinoma. *Journal of Oto-Rhino-Laryngology, Head and Neck Surgery*. 2021;83(6):478-480.

Agarwal, R., Moberly, A.C., **Varadarajan, V.V.** When should adults with bilateral hearing loss be referred for cochlear implantation? American Academy of Otolaryngology—Head and Neck Surgery Foundation's (AAO-HNSF) *Bulletin*. March 2021.

Anderson, S.A., **Varadarajan, V.V.**, Moberly, A.C., Hittle, B., Powell, K.A., Wiet, G.J. Patient-specific virtual temporal bone simulation based on clinical cone-beam computed tomography. *The Laryngoscope*. 2021;131(8):1855-1862.

Naik, A.N., **Varadarajan, V.V.**, Malhotra, P.S. Early Pediatric Cochlear Implantation: An Update. *Laryngoscope Investigative Otolaryngology*. 2021;12;6(3):512-521

Li, M.M., Moberly, A.C., Adunka, O.F. **Varadarajan, V.V.** What is new in bone conduction implant technology. Accepted to American Academy of Otolaryngology—Head and Neck Surgery Foundation's (AAO-HNSF) *Bulletin*. August 2021.

Ngombu, S., Moberly, A.C., Ray, C., Vasil, K. **Varadarajan V.V.** Screening tool for adult cochlear implant referral: predicting candidacy using a logistic regression model. In Press in *The Laryngoscope Investigative Otolaryngology*. 2021;6(6):1406-1413.

Riggs, W.J., Fontenot, T.E., Hiss, M.M., **Varadarajan, V.V.**, Moberly, A.C., Adunka, O.F., Fitzpatrick, D.C. Lack of neural contributions to the summing potential in humans with Meniere's disease. *Frontiers in Neuroscience*. 2022;7;16:1039986.

Moberly, A.C., **Varadarajan, V.V.**, Tamati, T.N. Noise-Vocoded Sentence Recognition and the Use of Context in Older and Younger Adult Listeners. *Journal of Speech, Language, and Hearing Research: JSLR*. 2023;66(1):365-381.

Andersen, S.A., Hittle, B., Varendh M., Lee, J., **Varadarajan, V.V.**, Powell, K.A., Wiet, G.J. Further Validity Evidence for Patient-Specific Virtual Reality Temporal Bone Surgical Simulation. In Press in *The Laryngoscope*.

Kaul, V.F., Brannan, Z.B., Keith, J., Hittle, B., Riggs, W., Hiss, M., **Varadarajan, V.V.**, Zhan, K., Powell, K., Wiet, G.J. Adunka, O.F. Post-operative evaluation of computed tomography imaging following cochlear implantation. In Press in *American Journal of Otolaryngology*.

BOOK CHAPTERS

Varadarajan, V., & Dziegielewski, P. Surgical Management of Salivary Gland Disease. In S. Cha (Ed.), *Salivary Gland Development and Regeneration* (1st ed., pp. 229–263). 2017. Cham: Springer International Publishing.

Varadarajan, V.V., Antonelli, P. Complex Dizziness. In Babu, S. and Schutt, C. (Ed.), *Diagnosis and Treatment of Vestibular Disorders* (1st ed. pp 311-329). 2019. Springer Publishing.

Varadarajan, V.V., Raymond, M.J., Dodson, E.E., Lambert, P.R. Aural Atresia. In Rosen, C. (Ed.), 6th Edition of *Bailey's Head and Neck Surgery: Otolaryngology*. 2021. In Press. Lippincott, Williams & Wilkins.

Varadarajan, V.V., O'Malley, M.R. Temporal Bone Osteomyelitis. In Haynes, D. (Ed.), *Glasscock-Shambaugh Surgery of the Ear*. 7th edition. People's Medical Publishing House. 2018. Under Review.

PODIUM PRESENTATIONS

Jain, S., **Varadarajan, V.**, Butson, C. Continuous Remote Assessment of Parkinson's Disease Patients Using Mobile Computing Devices. Podium Presentation at Wisconsin Parkinson's Symposium sponsored by Parkinson's and Movement Disorders Program, Froedtert and the Medical College of Wisconsin. Pewaukee, WI. September 2010.

Varadarajan, V., Nichols, B., Bock, J., Blumin, J. Dysphonia in nursing home and assisted living residents: prevalence and association with frailty. Podium Presentation at Medical College of Wisconsin Division of Geriatrics and Gerontology Monthly Research Seminar. Milwaukee, WI. February 2014.

Varadarajan, V., Collins, W., Sawhney, R. Atypical Spindle Cell Neoplasm of the Nasal Sidewall. Podium Presentation at Florida Society for Otolaryngology—Head and Neck Surgery Florida Combined Otolaryngology Meeting. Naples, FL. November 2015.

Varadarajan, V., Bernard, S., Sawhney, R., Boyce, B., Lang, D., Balamohan, S., Baskin, R., Dziegielewski, P. Improving Quality Outcomes in Head and Neck Free Flap Surgery with the use of a Physician Inpatient Coordinator. Podium Presentation at 2016 American Head Neck Society—9th International Conference on Head and Neck Cancer. Seattle, WA. September 2016.

Varadarajan, V. V., Dirain, C. O., & Antonelli, P. J. Microflora of Retained Intracochlear Electrodes from Infected Cochlear Implants. Podium Presentation at American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. San Diego, CA. September 2016.

Bernard, S., **Varadarajan, V.**, Sawhney, R., Boyce, B., Lang, D., Balamohan, S., Baskin, R., Dziegielewski, P. Improving Quality Outcomes in Head and Neck Free Flap Surgery with the use of a Physician Inpatient Coordinator. Podium Presentation at the Florida Combined Otolaryngology Meeting. Key Biscane, FL. November 2016.

Varadarajan, V. V., Dirain, C. O., & Antonelli, P. J. Microflora of Retained Intracochlear Electrodes from Infected Cochlear Implants. Podium Presentation at Florida Society for Otolaryngology—Head and Neck Surgery Florida Combined Otolaryngology Meeting. Key Biscane, FL. November 2016.

Varadarajan, V.V., Antonelli, P.J. Management of Cochlear Implants with Temporal Bone Carcinoma. Podium Presentation at the American Neurotology Society “Super Saturday” William House Cochlear Implant Study Group. Chicago, IL. September 2017.

Varadarajan, V.V., DeJesus R., Antonelli, P.J. Subtle CT Findings Suggestive of Perilymphatic Gusher. Podium Presentation at the Triologic Sections Meeting. Scottsdale, AZ. January 2018.

Varadarajan, V.V., Antonelli, P. Efficacy of the Mini-Meatoplasty. Podium Presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Atlanta, GA. October 2018.

Varadarajan, V.V., Moberly, A.C., Mattingly, J.K., Dodson, E.E. Adunka, O.F. Tumors and Lesions of the Facial Nerve. Podium Presentation at the Midwest Facial Nerve Conference. Ann Arbor, MI. September 2019.

Varadarajan, V.V., Dayton, O.L., DeJesus R., Sarntinoranont, M., Antonelli, P.J. Cochlear Basal Turn Patency in Unrecognized Perilymph Gushers. Nationwide Children’s Hospital Hearing Program Symposium. Columbus, OH. October 2019.

Hiss, M.M., Riggs, W.J., **Varadarajan, V.V.,** Mattingly, J.K., Dodson, E.E., Moberly, A.C., Adunka, O.F. Preliminary Results on Individuals Undergoing Concurrent Cochlear Implantation at the time of Labyrinthectomy for Meniere’s disease or Translabyrinthine Approach for Vestibular Schwannoma Removal Surgeries. Podium Presentation at the American Cochlear Implant Alliance CI2020 International: 16th International Conference on Cochlear Implants and Other Implantable Technologies. Orlando, FL. March 2020.

Kalra, P., **Varadarajan, V.V.,** Harris, M., Mohamed, O.A., Adunka, O.F., Prevedello D.M., Kolipaka, A. Preoperative assessment of tumor stiffness and tumor-brain adhesion in patients with vestibular schwannoma and meningioma and its comparison with surgical findings. Podium Presentation at The International Society for Magnetic Resonance in Medicine annual meeting. Sydney, Australia. April 2020.

POSTER PRESENTATIONS

Varadarajan, V., Jain, S., Butson, C. Continuous Remote Assessment of Parkinson’s Disease Patients Using Mobile Computing Devices. Poster Presentation at Medical College of Wisconsin Summer Research Symposium. Milwaukee, WI. September 2011.

Weiss, J., **Varadarajan, V.V.,** Carter, C., Justice, J. Not Your Typical Lymphoma- A Rare Presentation of Primary Extranodal Hodgkin Disease Of The Maxillary Sinus. American Rhinologic Society at the Combined Otolaryngology Spring Meeting. Boston, MA. April 2015.

Varadarajan, V.V, Collins, W., Sawhney, R. Atypical Spindle Cell Neoplasm of the Nasal Sidewall. Poster Presentation at 2016 Triologic Society Combined Sections Meeting. Miami, FL. January 2016.

Varadarajan, V.V., Justice, J. Angioleiomyoma of the Nasal Septum: Case Report and Literature Review. Poster Presentation at 2016 American Rhinologic Society at Combined Otolaryngology Sections Meeting (COSM). Chicago, IL. May, 2016.

Varadarajan, V.V., Pace, E., Sawhney R., Dziegielewski, P.T. Follicular Thyroid Carcinoma Metastasis to the Facial Skeleton: A Systematic Review. Poster Presentation at 2016 American Head Neck Society—9th International Conference on Head and Neck Cancer in Seattle, WA. September 2016.

Lang D.M., **Varadarajan V.V.**, Balamohan S., Bernard S.H., Baskin M., Boyce B.J., Sawhney R., Dziegielewski P.T. Predictors of 30 Day Unplanned Readmissions in Head and Neck Free Flap Surgery. Poster Presentation at the American Head and Neck Society 9th International Conf on Head and Neck Cancer in Seattle, WA. September 2016.

Varadarajan, V.V., Bernard, S., Sawhney, R., Boyce, B.J., Lang, D., Balamohan, S., Baskin, R., Dziegielewski, P.T. Improving Quality Outcomes in Head and Neck Free Flap Surgery with the use of a Physician Inpatient Coordinator. Poster Presentation at University of Florida Patient Safety and Quality Week Research Day. Gainesville, FL. March 2017.

Lang, D.M., Balamohan S, **Varadarajan V.V.**, Monir J.G., Lubinski A.J., Silver N.L., Boyce B.J., Sawhney R., Dziegielewski P.T. Factors Delaying Discharge in Head and Neck Free Flap Surgery: When Physician Intervention Reaches Its Limit. Poster Presentation at the Combined Otolaryngology Spring Meetings (COSM) in San Diego, CA. April 2017.

Varadarajan, V.V., Antonelli, P. Diagnosis of cochlear implant infection with Gallium SPECT. Poster Presentation at 2018 Triologic Sections Meeting. Scottsdale, AZ. January 2018.

Stoddard, T.J., **Varadarajan, V.V.**, Justice, J.M. Detection of Microbial Flora in Post-Radiation Sinusitis. Poster Presentation at 2018 University of Florida Emerging Pathogens Institute Research Day. Gainesville, FL. February 2018.

Varadarajan, V.V., Tominaga, S., Dziegielewski, P.T. Basal Cell Carcinoma of the Oral Cavity: Case Report. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Atlanta, GA. October 2018.

Tominaga, S.M., **Varadarajan, V.V.**, Dziegielewski, P.T. Recurrent Pleomorphic Dermal Sarcoma of the Temporal Bone: Case Report and Systematic Review. Poster Presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Atlanta, GA. October 2018.

Stoddard, T.J., **Varadarajan, V.V.**, Justice, J.M. Detection of Microbial Flora in Post-Radiation Sinusitis. Poster Presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Atlanta, GA. October 2018.

Varadarajan, V.V., Dayton, O.L., DeJesus, R.O., Antonelli, P.J. Cochlear Basal Turn Patency in Unrecognized Perilymph Gushers. Poster Presentation at the Triologic Sections Meeting. Coronado, CA. January 2019.

Nickel, N.W., **Varadarajan, V.V.**, Schrepfer, T. Sinonasal Repair Graft for Pediatric Endoscopic Assisted Tympanic Membrane Repair: Implications of Graft Thickness. Poster Presentation at the World Congress on Endoscopic Ear Surgery 3.0. Boston, MA. June 2019.

Varadarajan, V.V., Snoop, A., Collins, W.O. Airway Management Protocol for Conjoined Twins Deliveries. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. New Orleans, LA. September 2019.

Rengifo, D.A., **Varadarajan, V.V.**, Schrepfer, T. Granulomatosis with polyangiitis mimicking a parapharyngeal space mass. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. New Orleans, LA. September 2019.

Rengifo, D.A., **Varadarajan, V.V.**, Lai, J., Justice, J.M. Transformation of nasal seromucinous hamartoma to non-intestinal adenocarcinoma. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. New Orleans, LA. September 2019.

Gebhard, M.P., **Varadarajan, V.V.**, Danan, D. Ranula presenting as a vallecular cyst. Poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. New Orleans, LA. September 2019.

Gebhard, M.P., **Varadarajan, V.V.**, Danan, D. Ranula presenting as a vallecular cyst. Poster presentation at the Florida Combined Otolaryngology Meeting. Palm Beach, FL. November 2019.

Varadarajan, V.V., Dayton, O.L., DeJesus, R.O., Antonelli, P.J. Prevalence of Occult Radiographic Cochlear Basal Turn Patency. Accepted for Poster Presentation at the Triologic Sections Meeting. Coronado, CA. January 2020.

Riggs, W.J., Hiss, M.M., **Varadarajan, V.V.**, Mattingly, J.K., Dodson, E.E., Moberly, A.C., Adunka, O.F. Speech Evoked Electrocochleography—Preliminary Findings in Humans. Poster Presentation at the Association for Research in Otolaryngology 43rd MidWinter Meeting. San Jose, CA. January 2020.

Varadarajan V.V., Mattingly J.K., Moberly, A.C., Dodson, E.E., Adunka, O.F. Med El Bonebridge: Initial Experience in the United States. Accepted as poster presentation at American Cochlear Implant Alliance CI2020 International: 16th International Conference on Cochlear Implants and Other Implantable Technologies (Canceled due to COVID-19). March 2020.

Naik, A., **Varadarajan, V.V.**, Prevedello, D.M., Adunka, O.F. The role of Shiobara-Kawase extended middle fossa approaches for management of petroclival cavernous meningiomas. Accepted as poster presentation at the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Boston, MA. September, 2020.

Allen, D., **Varadarajan V.V.**, Adunka, O.F., Implications of approach and tympanomeatal flap design on congenital cholesteatoma outcomes. Accepted as poster presentation to the American Academy of Otolaryngology—Head and Neck Surgery Annual Meeting. Boston, MA. September, 2020.

Comer J.C., Breslin, **Varadarajan V.V.**, Chheda N.N., Collins W.O. Increasing Otolaryngology Consult Efficiency through Electronic Medical Record Order Sets. Poster Presented at the Florida Society of Otolaryngology Meeting. Orlando, FL. November 2020. Study won 2nd place Research Award.

Rengifo, D.A., **Varadarajan, V.V.**, Lai, J., Justice, J.M. Transformation of nasal seromucinous hamartoma to non-intestinal adenocarcinoma. University of Florida Cancer Center Virtual Research Presentation Symposium. Gainesville, FL. December, 2020.

Ngombu, S., Moberly, A.C., Ray, C., Vasil, K. **Varadarajan V.V.** Screening tool for adult cochlear implant referral: predicting candidacy using a logistic regression model. Poster Presented at the Triological Society Combined Sections Meeting. Orlando, FL. January 2021.

Anderson, S.A., **Varadarajan, V.V.**, Hittle, B., Powell, K.A., Wiet, G.J. Temporal bone simulation based on computed tomography: clinician feedback on virtual reality otologic surgery. Poster Presented at the Triological Society Combined Sections Meeting. Orlando, FL. January 2021.

Comer J.C., Breslin, **Varadarajan V.V.**, Chheda N.N., Collins W.O. Increasing Otolaryngology Consult Efficiency through Electronic Medical Record Order Sets. Poster Presented at the Triological Society Combined Sections Meeting. Orlando, FL. January 2021.

MISC. PRESENTATIONS

March 2016 University of Florida Department of Otolaryngology Grand Rounds Presentation: Topical Therapy in Management of Chronic Rhinosinusitis

June 2016	University of Florida Department of Otolaryngology Residency Graduation Research Lectureship: Improving Quality Outcomes in Head and Neck Free Flap Surgery with the use of a Physician Inpatient Coordinator
March 2017	University of Florida Department of Otolaryngology Grand Rounds Presentation: Reconstructive Options after Total Laryngectomy
June 2017	University of Florida Department of Otolaryngology Residency Graduation Research Lectureship: Microflora of Retained Intracochlear Electrodes from Infected Cochlear Implants
July 2017	University of Florida Department of Otolaryngology Grand Rounds Presentation: Asymmetric Sensorineural Hearing Loss and Vestibular Schwannomas
August 2017	University of Florida College of Medicine Lecture: Introduction to Otolaryngology—Head and Neck Surgery for Medical Students
July 2018	University of Florida Department of Otolaryngology Grand Rounds Presentation: Radiographic Diagnosis of Perilymph Gushers
March 2019	University of Florida Department of Otolaryngology Medical Assistant Clinic Inservice: Postoperative Care of Tympanoplasty and Mastoidectomy Patients
June 2019	University of Florida Department of Otolaryngology Residency Graduation Lectureship: Radiographic Patency of the Cochlear Basal Turn
September 2019	The Ohio State University Otolaryngology Residency Didactics Series: Facial Nerve Tumors and Work Up of Facial Paralysis
April 2020	The Ohio State University and University of Florida Otolaryngology Residency Combined Virtual Didactics Series: <ol style="list-style-type: none"> 1. Temporal Bone Anatomy Fundamentals 2. Middle Ear Anatomy 3. Lateral Skull Base Surgical Anatomy 4. Facial Nerve Anatomy and Physiology 5. Computed Tomography of the Temporal Bone
April 2020	Elias Santana Hospital, Dominican Republic Otolaryngology Residency Didactics Virtual Lecturer Diagnosis and Management of Vestibular Schwannomas
September 2020	The Ohio State University Audiology Student Didactics Lecturer Temporal Bone and Ear Anatomy for the Audiologist
September 2020	The Ohio State University Otolaryngology Residency Didactics Lecturer Surgical Management of Chronic Otitis Media and Cholesteatoma
October 2020	Children’s Tumor Foundation Neurofibromatosis Type 2 Meeting Neurofibromatosis Type 2: State of Clinical Trials
May 2021	The University of Florida Otolaryngology Residency Otolaryngology Didactics Series Lecturer <ol style="list-style-type: none"> 1. Facial Palsy 2. Chronic Otitis Media and Cholesteatoma 3. Otolaryngology Oral Board Case Scenarios

- May 2022 Surgeon Speaker for 4 Corners Cochlear Implant Support Group for cochlear implant recipients, candidates, and patient families. Durango, CO
- February 2024 Cochlear Americas “Open House” Surgeon Speaker for cochlear implant recipients, candidates, and patient families. Sacramento, CA
- June 2024 Northern California/Nevada Cochlear Provider Network Roundtable Discussion Lecturer: “The Decision to go Bimodal.”
- July 2024 Surgeon Lecturer for Eskaton Village Community: Cochlear Implantation

TEACHING ACTIVITIES

- 2008—2010 Organic Chemistry Undergraduate Tutor
Washington University in St. Louis
St. Louis, MO
- 2012—2014 USMLE Step 1 Tutor
Medical College of Wisconsin Student Assembly
Milwaukee, WI
- 2017—2018 Resident In-Service Examination Review Instructor
University of Florida Department of Otolaryngology Residency
Gainesville, FL
- 2017—2018 Otolaryngology Medical Student Skills Workshop Director University of Florida
Department of Otolaryngology Residency Gainesville, FL
- 2017—2019 Resident Temporal Bone Anatomy and Dissection Course Director University of
Florida Department of Otolaryngology Residency Gainesville, FL
- 2018—2019 Head and Neck Anatomy and Dissection Course Instructor University of Florida
Department of Otolaryngology Residency Gainesville, FL
- 2019—2020 Resident Temporal Bone Anatomy and Dissection Course Instructor The Ohio State
University Department of Otolaryngology
Columbus, OH
- 2019—2020 Audiology Student Temporal Bone Anatomy Course Instructor
The Ohio State University
Columbus, OH
- 2019—2020 Medical Student Head and Neck Physical Exam Workshop Instructor The Ohio State
University
Columbus, OH
- 2020—2021 Resident Temporal Bone Anatomy and Dissection Course Instructor The Ohio State
University Department of Otolaryngology
Columbus, OH
- 2023—2024 Cochlear Americas CI Foundations Course for Audiologists Guest Lecturer
Denver, CO
- 2024 Lecturer for Cochlear Americas Educational Event with Gold Country Hearing and Balance

“Cochlear Implantation – The Surgeon’s Perspective”
Sacramento, CA

2024 Sutter Health Virtual Grand Rounds
“Surgical Hearing Rehabilitation”
Sacramento, CA

2024 Sacramento State University Audiology School Guest Lecturer
“Cochlear Implantation – The Surgeon’s Perspective”

COMMITTEE ASSIGNMENTS

2010—2011 Medical College of Wisconsin Student Surgical Society Liaison.

2012—2013 Medical College of Wisconsin Student Surgical Society President

2012—2013 Student President of American Association of Physicians from India (AAPI)

2014—2015 Student Orientation Committee

2013—2014 Medical School Admissions Committee

2017—2019 American Academy of Otolaryngology – Head and Neck Surgery Sections for
Residents and Fellows Representative

2017—2019 University of Florida Otolaryngology Residency Applicant Interview Day Coordinator and Tour
Guide

2017—2018 University of Florida Otolaryngology Residency Program Evaluation Committee

2015—2018 University of Florida Medical Student Otolaryngology Interest Group Coordinator

2017—2018 American College of Graduate Medical Education Clinical Learning Environment Review
Committee: Resident Representative for Otolaryngology Residency at the University of Florida

2017—2018 Residency applicant interviewer, Residency Applicant Review Committee.

2019—2020 American Academy of Otolaryngology—Head and Neck Surgery Imaging Committee

Ad Hoc Journal Reviewer

Otology & Neurotology

The Laryngoscope

Ear and Hearing

COMMUNITY SERVICE

2008—2010 Founder of Cadence with Care Program at Washington University in St. Louis:
Student-performed concerts at the Siteman Cancer Center. St. Louis, MO.

2010—2014 Volunteer at the Medical College of Wisconsin Saturday Free Clinic for uninsured patients. Columbia St. Mary's Clinic. Milwaukee, WI.

CONSULTANT

2022—2023 Cochlear Americas: Lecture and Temporal Bone Dissection for New Cochlear Americas Representatives.

2024 American Neurotology Society/Stryker Neurotology Fellow Bootcamp Lab Instructor

ACTIVITIES AND HOBBIES

2002—2006 Violinist in Milwaukee Youth Symphony Orchestra

2006—2010 Violinist in Washington University in St. Louis Symphony Orchestra

2006—2010 Competitive dancer in Washington University Bhangra team, "*The St. Lungitics.*"

2004—2014 Local guitar performance (acoustic fingerstyle, electric, solo, ensemble).

2017—2019 Monthly guitar performer at *Alpin Beer and Wine Bistro* and *Blackadder Brewing Company*. Gainesville, FL.

2019—2020 Featured guitar performer at *Nocterra Brewing*. Columbus, OH.

2020—2021 Monthly guitar performer at *Platform Beer Company*. Columbus, OH.

2021—2022 Guitar performer at *Dry Dock Brewing*. Denver, CO

2021 Guitar performer at Marion Downs Center (Non-Profit Audiology Center) Legacy Event. Denver, CO.

2022 Guitar performer at Marion Downs Center (Non-Profit Audiology Center) Legacy Event. Denver, CO.

2024 Guitar performer at J.J. Pfister Distillery. Sacramento, CA.

2024 Guitar performer at Touchstone Brewing. Sacramento, CA.

Other hobbies: Performing guitar, nature photography, trail biking, jogging, and marine and freshwater aquariums, cooking.