

ANKITA PATRO, MD, MS

BIOGRAPHICAL

Email: drpatro@dallasear.com
Citizenship: United States
Language Fluency: English, Hindi, Odia

ACADEMIC POSITIONS

10/2025 – Present Medical Director of Neurotology Research
Baylor University Medical Center, Dallas, TX

07/2025 – Present Adjunct Assistant Professor of Otolaryngology – Head & Neck Surgery
Vanderbilt University Medical Center, Nashville, TN

EDUCATION AND TRAINING

Undergraduate Education:

2008-2013 Stanford University; Stanford, CA
B.A. in Economics

Graduate Education:

2012-2013 Stanford University; Stanford, CA
M.S. in Biological Sciences

2014-2018 Baylor College of Medicine; Houston, TX
M.D. with Honors

Post-Graduate Surgical Training:

2018-2023 Vanderbilt University Medical Center; Nashville, TN
Residency in Otolaryngology (Program Director: Robert Sinard, MD)

2023-2025 The Otology Group at Vanderbilt; Nashville, TN
Fellowship in Neurotology (Program Director: David Haynes, MD)

MEDICAL LICENSURE

2017 USMLE Step 1, Step 2 CS, Step 2 CK
2019 USMLE Step 3
2023 Otolaryngology Written Qualifying Exam
05/2025 – Present Texas Medical License

PROFESSIONAL ORGANIZATIONS

2014-2018 American Medical Student Association
2018 – Present American Academy of Otolaryngology-Head & Neck Surgery
2022 – Present American Neurotology Society

HONORS AND AWARDS

2008 IBM Watson Merit-Based Scholarship (\$32,000)
2011 Dean of Students Outstanding Achievement Award, Stanford University
2012 Asian-American Public Service Award (awarded to one student), Stanford University
2017 Alpha Omega Alpha, Baylor College of Medicine
2017 Gold Humanism Honor Society, Baylor College of Medicine

2018	Baruch A. Brody Award in Medical Ethics for Ethics Track Thesis “The Patient Who Continues to Smoke On Treatment: An Ethical Dilemma,” Baylor College of Medicine
2021	American Neurotology Society Trainee Poster Award
2022	American Cochlear Implant Alliance Poster Award
2023	American Neurotology Society Trainee Award (Clinical)
2024	American Neurotology Society Fellow Award

RESEARCH & GRANT FUNDING

2010	UNICEF Grant Award (\$34,000, applied towards HIV education software)
2010	Nimmagadda Foundation Grant (\$105,000, applied towards HIV education software)
2011	Barclays Bank Grant Award (\$40,500, applied towards HIV education software)
2011	Stanford Undergraduate Advising and Research Grant (\$6,000)
2012	Stanford Haas Center Community-Based Research Fellowship (\$5,000)
2013	Stanford Center for South Asia Community Service Grant (\$3,000)
2013	TATA Steel Grant (\$10,000, applied towards HIV education software)
2019	Vanderbilt Institute for Clinical and Translational Research (VR52668: \$4,500, applied towards clinical trial “Early Medical Treatment of Acute Laryngeal Injury”)
2020	Vanderbilt Institute for Clinical and Translational Research (VR55204: \$5,000, applied towards “Impact of COVID-19 Pandemic on Head and Neck Oncologic Outcomes”)
2021	AAO-HNS Humanitarian Travel Grant (\$1,000)
2021	Radiological Society of North America Radiology Education Research Development Grant (\$10,000, applied towards RADiENT curriculum)
2024	American Neurotology Society Research Grant (\$25,000)
2024	AAO-HNS Bobby R. Alford Endowed Research Award (\$30,000)

PUBLICATIONS

Peer-Reviewed Publications

- De León LE, Mery CM, Verm RA, Trujillo-Diaz D, **Patro A**, Guzmán-Pruneda FA, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser Jr CD. Mid-term Outcomes of Patients Diagnosed With Congenitally Corrected Transposition of the Great Arteries: A Single Center Experience. *J Am Coll Surg*. 2017 Apr;224(4):707-715. (PMID: [28088601](#))
- Patro A**, Guerrini CJ, Huang AT, Sikora AG. The Patient Who Continues to Smoke On-Treatment: An Ethical Dilemma. *Otolaryngol Head Neck Surg*. 2018 Mar;158(3):469-472. (PMID: [29337655](#))
- Lindquist NR*, **Patro A***, Gitomer SA, Cañadas KT. Pediatric Acute Unilateral Suppurative Lymphadenitis: The Role of Antibiotic Susceptibilities at a Large Tertiary Pediatric Care Center. *Int J Pediatr Otorhinolaryngol*. 2019 May;120:11-14. (PMID: [30743188](#))
*Share first authorship
- Lindquist NR, Feng Z, **Patro A**, Mukerji SS. Age-Related Causes of Emergency Department Visits After Pediatric Adenotonsillectomy at a Tertiary Pediatric Referral Center. *Int J Pediatr Otorhinolaryngol*. 2019 Dec;127:109668. (PMID: [31526936](#))
- Shinn JR, Jayawardena ADL, **Patro A**, Zuniga MG, Netterville JL. Teacher Prescreening for Hearing Loss in the Developing World. *Ear Nose Throat J*. 2021 Jun;100(3_suppl):259S-262S. (PMID: [31608682](#))
- Patro A**, Totten DJ, Sherry AD, Manzoor NF, Cass ND, Tawfik K, Bennett ML, O'Malley MR, Haynes DS, Perkins EL. Outcomes of Initial Observation Versus Upfront Microsurgical Resection for Small to Medium-Sized Vestibular Schwannomas. *Otol Neurotol*. 2021 Oct;42(9):1408-1413. (PMID: [34149031](#))

7. **Patro A**, Landeen KC, Stevens MN, Cass ND, Haynes DS. The Digital Dilemma: Perspectives from Otolaryngology Residency Applicants on Social Media. *Ann Otol Rhinol Laryngol*. 2021 Oct;34894211050625. (PMID: [34617461](#))
8. **Patro A**, Tittman SM, Manzoor NF, Aulino JM, Rivas A. Perilymphatic Gusher in Osteogenesis Imperfecta. *Otolaryngology Case Reports*. 2021 Oct; 21:100372. (DOI: [10.1016/j.xocr.2021.100372](#))
9. **Patro A**, Carr S, Stevens MN, Landeen KC, Cass ND, Haynes DS. Otolaryngology Residency Program Rankings and Social Media Usage: A Longitudinal Analysis. *Laryngoscope*. 2021 Nov;131(11):2455-2460. (PMID: [34000091](#))
10. Hoffman MR, **Patro A**, Huang L, Chen S, Berry LD, Gelbard A, Francis DO, North American Airway Collaborative. Impact of Adjuvant Medical Therapies on Surgical Outcomes in Idiopathic Subglottic Stenosis. *Laryngoscope*. 2021 Dec;131(12):E2880-E2886. (PMID: [34117778](#))
11. Stevens MN, **Patro A**, Rahman B, Gao Y, Liu D, Cmelak A, Wiggleton J, Kim Y, Langerman A, Mannion K, Sinard R, Netterville J, Rohde SL, Topf MC. Impact of COVID-19 on Presentation, Staging, and Treatment of Head and Neck Mucosal Squamous Cell Carcinoma. *Am J Otolaryngology*. 2022 Feb;43(1):103263. (PMID: [34653954](#))
12. Lindquist NR, Cass ND, **Patro A**, Perkins EL, Gifford RH, Haynes DS, Holder JT. HiRes Ultra Series Recall: Failure Rates and Revision Speech Recognition Outcomes. *Otol Neurotol*. 2022 Aug;43(7):e738-e745. (PMID: [35878635](#))
13. **Patro A**, Haynes DS, Perkins EL. Same-Day Patient Consultation and Cochlear Implantation: Patient Experiences and Barriers to Implementation. *Otol Neurotol*. 2022 Sept;43(8):e820-e823. (PMID: [35833872](#))
14. **Patro A**, Lindquist NR, Holder JT, Tawik K, O'Malley MR, Bennett ML, Haynes DS, Gifford R, Perkins EL. A Five-Year Update on the Profile of Adults Undergoing Cochlear Implant Evaluation and Surgery – Are We Doing Better? *Otol Neurotol*. 2022 Oct; 43(9):e992-e999. (PMID: [36047696](#))
15. **Patro A**, Lindquist NR, Holder JT, Tawik K, O'Malley MR, Bennett ML, Haynes DS, Gifford R, Perkins EL. Further Evidence for Individual Ear Consideration in Cochlear Implant Candidacy Evaluation. *Otol Neurotol*. 2022 Oct; 43(9):1027-1032. (PMID: [36075098](#))
16. Sharma RK, Smetak MR, **Patro A**, Lindquist NR, Perkins EL, Holder JT, Haynes DS, Tawfik KO. Speech Recognition Performance Differences Between Precurved and Straight Electrode Arrays from A Single Manufacturer. *Otol Neurotol*. 2022 Oct; 43(10):1149-1154. (PMID: [36201525](#))
17. Vienna V*, **Patro A***, Segaren N, Michel D, Canez A, Lamour S, Gilles PJ, Charles S, Corkery JM, Netterville JL, Jayawardena ADL. Hearing Impairment in Children Living with HIV in Haiti. *Int J Pediatr Otorhinolaryngol*. 2022 Sept; 162:111329. (PMID: [36198231](#))
***Share first authorship**
18. Hoffman MR, **Patro A**, Huang L, Chen S, Berry LD, Gelbard A, Francis DO, North American Airway Collaborative. Impact of Serial Intra-lesional Steroid Injections on Idiopathic Subglottic Stenosis. *Laryngoscope*. 2022 Oct; online ahead of print. (PMID: [36286239](#))
19. Lindquist NR, Holder JT, **Patro A**, Cass ND, Tawik K, O'Malley MR, Bennett ML, Haynes DS, Gifford RH, Perkins EL. Cochlear Implantation for Single Sided Deafness: Speech Outcomes, Effects on Tinnitus, and Quality of Life. *Laryngoscope*. 2023 Sep; 133(9):2362-2370. (PMID: [36254870](#))
20. Macielak RJ, Selleck M, Kocharyan A, Hunter JB, **Patro A**, Perkins EL, Hamilton CA, Patel NS, Gurgel RK, Sweeney AD, Brown KD, Link MJ, Carlson ML. Approach to Cochlear Implantation in Patients with Ventriculoperitoneal Shunts. *Otolaryngol Head Neck Surg*. 2023 Jun; 168(6):1485-1493. (PMID: [36939465](#))

21. Cass ND, Lindquist NR, **Patro A**, Smetak MR, Perkins EL, O'Malley MR, Bennett ML, Haynes DS, Tawfik KO. Radiographic Sigmoid Sinus Wall Abnormalities and Pulsatile Tinnitus: A Case-Control Study. *Otol Neurotol*. 2023 Jan; 44(4):353-359. (PMID: [36843071](#))
22. **Patro A**, Holder JT, Brown C, DeFreese A, Virgin F, Perkins EL. Cochlear Implantation in Very Young Children with Single-Sided Deafness. *Otolaryngol Head Neck Surg*. 2023 Dec; 169(6):1615-1623. (PMID: [37232481](#))
23. **Patro A**, Perkins EL, Ortega CA, Lindquist NR, Dawant BM, Gifford RH, Haynes DS, Chowdhury N. Machine Learning Approach for Screening Cochlear Implant Candidates: Comparing with the 60/60 Guideline. *Otol Neurotol*. 2023 Aug; 44(7):e486-e491. (PMID: [37400135](#))
24. Ma C, **Patro A**, Park JS. Bilateral Vocal Fold Paralysis in a Patient with Congenital MYOD1 Myopathy. *Ear Nose Throat J*. 2023 June; 1455613231185031. (PMID: [37431717](#))
25. Lindquist NR, Dietrich MS, **Patro A**, Henry MR, Freeman MH, Perkins EL, Gifford RH, Haynes DS, Holder JT. Early Datalogging Predicts Cochlear Implant Performance: Building a Recommendation for Daily Device Usage. *Otol Neurotol*. 2023 Aug; 44(7):e479-e485. (PMID: [37442607](#))
26. Dorismond C, **Patro A**, Holder JT, Perkins EL. Correlation Between Quality of Life and Speech Recognition Outcomes Following Cochlear Implantation. *Otol Neurotol*. 2023 Dec; 44(10):1015-1020. (PMID: [37832582](#))
27. **Patro A**, Lindquist NR, Schauwecker N, Holder JT, Perkins EL, Haynes DS, Tawfik KO. Comparison of Speech Recognition and Hearing Preservation Outcomes Between the Mid-Scala and Lateral Wall Electrode Arrays. *Otol Neurotol*. 2024 Jan; 45(1):52-57. (PMID: [38013487](#))
28. Kunnath A, Freeman MH, Witcher R, **Patro A**, Lindquist NR, Tawfik KT. Endoscopic Versus Microscopic Transcanal Resection of Glomus Tympanicum: A Retrospective Comparative Study. *Otol Neurotol*. 2024 Apr; 45(4):426-429. (PMID: [38437815](#))
29. **Patro A**, Lindquist NR, Holder JT, Freeman MH, Gifford RH, Tawfik KO, O'Malley MR, Bennett ML, Haynes DS, Perkins EL. Improved Postoperative Speech Recognition and Processor Use with Early Cochlear Implant Activation. *Otol Neurotol*. 2024 Apr; 45(4):386-391. (PMID: [38437818](#))
30. Schauwecker N, **Patro A**, Holder JT, Bennett ML, Perkins EL, Moberly AC. Cochlear Implant Qualification in Noise versus Quiet: Do Patients Demonstrate Similar Postoperative Benefits? *Otolaryngol Head Neck Surg*. 2024 May; 170(5):1411-1420. (PMID: [38353294](#))
31. Miller A, **Patro A**, Stevens MN, Fortune S, Gelbard A, Haynes DS, Topf MC. #OtoTwitter – The Top 75 Twitter Influencers in Otolaryngology and Association with Academic Impact. *Otolaryngol Head Neck Surg*. 2024 June; 170(6):1676-1683. (PMID: [38494744](#))
32. Yancey KL, **Patro A**, Smetak M, Perkins EL, Isaacson B, Kutz W, Bennett ML, O'Malley MO, Haynes DS, Hunter JB. Evaluating Calcium Channel Blockers and Bisphosphonates as Otoprotective Agents in Cochlear Implantation Hearing Preservation Candidates. *Cochlear Implants International*. 2024 Mar; 25(2):131-139. (PMID: [38738388](#))
33. **Patro A**, Freeman MH, Haynes DS. Machine Learning to Predict Adult Cochlear Implant Candidacy. *Current Otorhinolaryngology Reports*. 2024 May; 12:45-49. (doi: [10.1007/s40136-024-00511-7](#))
34. Schauwecker N, **Patro A**, Holder J, Moberly AC, Perkins EL. Simultaneous versus Sequential Cochlear Implantation in Adults: Quantitative and Qualitative Outcomes. *Otolaryngol Head Neck Surg*. 2024 Oct; 171(4):1148-1156. (PMID: [38842041](#))
35. **Patro A**, Moberly AC, Freeman MH, Gifford RH, Perkins EL, Jan T, Tawfik KO, O'Malley MR, Bennett ML, Haynes DS, Chowdhury NI. Investigating the Minimal Clinically Important Difference for AzBio and CNC Speech Recognition Scores. *Otol Neurotol*. 2024 Oct; 45(9):e639-e643. (PMID: [39264921](#))

36. Neukam JD, Kunnath A, **Patro A**, Gifford RH, Haynes DS, Moberly AC, Tamati TN. Barriers to Cochlear Implant Uptake in Adults: A Scoping Review. *Otol Neurotol*. 2024 Dec; 45(10):e679-e686. (PMID: [39514420](#))
37. **Patro A**, Lawrence PJ, Tamati TN, Ning X, Moberly AC. Machine Learning to Predict Adult Cochlear Implant Outcomes: A Prospective Pilot Study. *Ear and Hearing*. 2024 Sep; 46(2):543-549. (PMID: [39238093](#))
38. Freeman MH, **Patro A**, Lindquist NR, Berg K, Holder JT, O'Malley MR, Tawfik KO, Jan T, Perkins EL, Moberly A, Haynes DS, Bennett ML. Patient Preferences in Cochlear Implant Brand Selection. *Otol Neurotol*. 2025 Jan; 46(1):54-59. (PMID: [39627903](#))
39. **Patro A**, Holder JT, Poon S, Stimson C, Pinson CW, Haynes DS. Achieving Same-Day Patient Consultation and Cochlear Implantation. *NEJM Catalyst Innovations in Care Delivery*. 2025 Jan; 6(2).
40. Ma CC, **Patro A**, Schauwecker N, Lindquist NR, Freeman MH, Perkins EL, Haynes DS, Tawfik KO. Impact of Perioperative Anticoagulation and Antiplatelet Therapy on Hearing Preservation Outcomes. *Otol Neurotol*. 2025 Feb; 46(2):128-132. (PMID: [39663803](#))
41. DeFreese A, Berg K, Noble J, Holder JT, Amberg S, Brown C, Burg E, Dwyer N, Sisler-Dinwiddie A, Sparrow T, Sunderhaus L, Yaras S, Bennett ML, Jan TA, Moberly AC, O'Malley M, **Patro A**, Perkins EL, Tawfik KO, Haynes DS, Gifford RH. Frequency to Place Mismatch and Cochlear Implant Outcomes: What Factors Really Matter? *JAMA Otolaryngol Head Neck Surg*. 2025 Feb; 151(2):135-142. (PMID: [39666319](#)).
42. Freeman MH, Lindquist NR, Dornhoffer JR, Yancey KL, **Patro A**, Lovin BD, Siddiqui T, Saoji AA, Holder JR, Kutz W, Carlson ML, Bennett ML. A Multi-Institutional Analysis of Device Failures in a Recent Cochlear Implant Series. *Otol Neurotol*. 2025 Feb; online ahead of print. (PMID: [40062369](#))
43. Tawfik KO, Khan MR, **Patro A**, Smetak MR, Haynes DS, Labadie RF, Gifford RH, Noble JH. Cochlear Implantation of Slim Pre-curved Arrays Using Automatic Pre-operative Insertion Plans. *Otol Neurotol*. 2025 Mar; in press.
44. Lewis JH, **Patro A**, Berg KA, Gifford RH, Moberly AC, Chowdhury NI. Investigating the Minimal Clinically Important Difference for Bimodal Benefit in Speech Recognition Scores. *Otol Neurotol*. 2025 Apr; in press.

Book Chapters

1. Smetak MR, **Patro A**, Haynes DS. Superior Canal Dehiscence Syndrome in the Only Hearing Ear. In: Third Mobile Window Syndrome of the Inner Ear: Superior Semicircular Canal Dehiscence and Associated Disorders. (eBook ISBN: 978-3-031-16586-3, print ISBN: 978-3-031-16585-6)
2. **Patro A**, Moberly AC. Cochlear Implantation in Adults. In: Neurotology, 3e. In press.

PRESENTATIONS & LECTURES

Peer-Reviewed Oral Presentations

1. **Patro A**, Sorcar P. TeachAIDS: A New Prevention Education Model. Asia-Pacific Advanced Network Meeting; Delhi, India, August 2011.
2. De León LE, Verm RA, **Patro A**, Guzmán-Pruneda FA, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser Jr CD, Mery CM. Mid-term Outcomes of Patients Diagnosed with Congenitally Corrected Transposition of the Great Arteries: A Single Center Experience. Southern Surgical Association; Palm Beach, FL, December 2016.
3. Chen DW, **Patro A**, Liou NE, Donovan DT, Ongkasuwan J. Inpatient Vocal Fold Medialization for Postoperative Vocal Fold Movement Impairment Following Extent I and II Thoracic Aortic Aneurysm Repair. Triological Society Combined Sections Meeting; New Orleans, LA, January 2017.

4. **Patro A**, Peace AJ, Rivera J, Canadas KT. Mobile Phone or Paper: Trends in Patient Preference for Healthcare Information. American Society of Pediatric Otolaryngology at Combined Otolaryngology Spring Meeting; National Harbor, MD, May 2018.
5. Freeman M, Schauwecker NM, **Patro A**, Labadie R, Rivas A, Haynes DS, Perkins EL. Hearing Preservation Outcomes Following New Slim Lateral Wall Electrode Implantation. American Academy of Otolaryngology – Head and Neck Surgery Meeting; Los Angeles, CA, October 2021.
6. **Patro A**, Lindquist NR, Holder JT, Tawfik KO, Haynes DS, Gifford R, Perkins EL. Further Evidence for Individual Ear Consideration in Cochlear Implant Candidacy Evaluation. American Neurotology Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.
7. Lindquist NR, **Patro A**, Holder JT, Perkins EL. Cochlear Implantation for Single Sided Deafness: Speech Outcomes, Quality of Life, and Effects on Tinnitus. American Neurotology Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.

***American Neurotology Society Neurotology Fellow Award, 2022**

8. Lindquist NR, Cass ND, **Patro A**, Gifford RH, Haynes DS, Perkins EL, Holder JT. HiRes Ultra Series Recall: Failure Rates and Revision Speech Recognition Outcomes. American Neurotology Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.
9. Sharma RK, Smetak MR, **Patro A**, Lindquist NR, Perkins EL, Holder JT, Tawfik K. Speech Recognition Performance Differences Between Precurved and Straight Electrode Arrays. American Otolological Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.
10. **Patro A**, Lindquist NR, Holder JT, Gifford R, Perkins EL. A Five-Year Update on the Profile of Adults Undergoing Cochlear Implant Evaluation and Surgery – Are We Doing Better? American Cochlear Implant Alliance Meeting; Washington, DC, May 2022.
11. **Patro A**, Lindquist NR, Holder JT, Tawfik KO, Haynes DS, Gifford R, Perkins EL. Further Evidence for Individual Ear Consideration in Cochlear Implant Candidacy Evaluation. American Cochlear Implant Alliance Meeting; Washington, DC, May 2022.
12. **Patro A**, Haynes DS, Tawfik KO, O'Malley MR, Bennett ML, Labadie RF, Perkins EL. Video Education Before Cochlear Implantation Enhances Patient Knowledge and Confidence: A Randomized-Controlled Study. American Cochlear Implant Alliance Meeting (poster highlight); Washington, DC, May 2022.

*** American Cochlear Implant Alliance Poster Award**

13. Holder JT, Lindquist NR, Cass ND, **Patro A**, Gifford RH, Haynes DS, Perkins EL. HiRes Ultra Series Recall: Failure Rates and Revision Speech Recognition Outcomes. American Cochlear Implant Alliance Meeting; Washington, DC, May 2022.
14. **Patro A**, Holder JT, Brown Christine, Virgin F, Perkins EL. Cochlear Implantation in Very Young Children with Single-Sided Deafness. American Academy of Otolaryngology – Head and Neck Surgery Meeting; Philadelphia, PA, September 2022.
15. **Patro A**, Lindquist NR, Holder JT, Haynes DS, Gifford R, Perkins EL. Comprehensive Adult Hearing Preservation and Speech Outcomes at a High-Volume Cochlear Implant Center. American Academy of Otolaryngology – Head and Neck Surgery Meeting; Philadelphia, PA, September 2022.
16. Macielak RJ, Selleck M, Hunter J, **Patro A**, Hamilton C, Carlson M. Approach to Cochlear Implantation in Patients with Ventriculoperitoneal Shunts. American Academy of Otolaryngology – Head and Neck Surgery Meeting; Philadelphia, PA, September 2022.
17. **Patro A**, Perkins EL, Ortega C, Lindquist NR, Gifford RH, Haynes DS, Chowdhury N. Machine Learning Approach for Screening Cochlear Implant Candidates: Comparing with the 60/60 Guideline. American Neurotology Society at Combined Otolaryngology Spring Meeting; Boston, MA, May 2023.

***American Neurotology Society Trainee Award (Clinical)**

18. **Patro A**, Lindquist NR, Holder JT, Haynes DS, Perkins EL, Tawfik KO. Comparison of Speech Recognition and Hearing Preservation Outcomes Between the Mid-Scala and Lateral Wall Electrode Arrays. American Otological Society at Combined Otolaryngology Spring Meeting; Boston, MA, May 2023.
19. Lindquist NR, Dietrich M, Henry M, **Patro A**, Gifford RH, Haynes DS, Perkins EL, Holder JT. Early Datalogging Predicts Cochlear Implant Performance: Building a Recommendation for Daily Device Usage. American Neurotology Society at Combined Otolaryngology Spring Meeting; Boston, MA, May 2023.
20. Schauwecker N, **Patro A**, Holder J, Moberly AC, Perkins E. Simultaneous versus Sequential Cochlear Implantation: Impact of Bimodal Hearing and Timing of Second Implant. American Academy of Otolaryngology – Head & Neck Surgery; Nashville, TN, September 2023.
21. Schauwecker N, **Patro A**, Holder J, Perkins E, Moberly AC. Cochlear Implant Qualification in Noise versus Quiet: Do Patients Show Similar Benefits? American Academy of Otolaryngology – Head & Neck Surgery; Nashville, TN, September 2023.
22. **Patro A**, Casazza J, Holcomb M, Kutz W, Smeal M, Gifford R, Haynes DS, Perkins EL, Chowdhury NI. Machine Learning Approach for Screening Cochlear Implant Candidates. International Cochlear Implant Meeting; Santa Rosa Beach, FL, October 2023.
23. **Patro A**, Moberly AC, Freeman MH, Perkins EL, Bennett ML, Haynes DS, Chowdhury NI. Investigating the Minimal Clinically Important Difference for AzBio and CNC Speech Recognition Scores. American Neurotology Society at Combined Otolaryngology Spring Meeting; Chicago, IL, May 2024.

***American Neurotology Society Fellow Award**

24. **Patro A**, Ma C, Schauwecker NR, Lindquist NR, Freeman MH, Haynes DS, Perkins EL. Preoperative Factors Predicting Electroacoustic Stimulation Usage in Adults Following Cochlear Implantation. American Otological Society at Combined Otolaryngology Spring Meeting; Chicago, IL, May 2024.
25. Tanaka C, Biswas S, Wang T, Freeman M, **Patro A**, Perkins E, Tawfik K, Moberly A, O'Malley M, Bennett M, Haynes D, Chang AG, Jan TA. Characterization of Viral Transfection of Human Vestibular Epithelial Tissues in Vitro. Association for Research in Otolaryngology; Orlando, FL, February 2025.
26. Kunnath AJ, **Patro A**, Berg KA, Perkins EL, Tamati TN, Gifford RH, Haynes DS, Moberly AC. Predicting Long-Term Cochlear Implant Performance at 3 Months Post-Activation. American Cochlear Implant Alliance Meeting; Boston, MA, April 2025.
27. **Patro A**, Canfarotta MW, Schauwecker N, Perkins EL, Haynes DS, Gifford RH, Moberly AC. One or Two Cochlear Implants? A Comparison of Bimodal Hearing Versus Bilateral Cochlear Implantation in a Large Cohort of Traditional Candidates. American Neurotology Society at Combined Otolaryngology Spring Meeting; New Orleans, LA, May 2025.
28. Cohen W, **Patro A**, Canfarotta MW, Schauwecker N, Holder J, Haynes DS, Perkins EL. Postoperative Outcomes with Bimodal Hearing and Bilateral Cochlear Implantation in the Elderly. American Otological Society at Combined Otolaryngology Spring Meeting; New Orleans, LA, May 2025.
29. Canfarotta MW, **Patro A**, Schauwecker N, Ma C, Moberly AC, Holder JT, Perkins EL. Factors Associated with Delayed Loss of Residual Acoustic hearing Following Cochlear Implantation. American Neurotology Society at Combined Otolaryngology Spring Meeting; New Orleans, LA, May 2025.
30. Canfarotta MW, **Patro A**, Moberly AC, Bennett ML, Holder JT, Haynes DS, Perkins EL. A Within-Subject Comparison of Hearing Preservation Outcomes for Bilateral Cochlear Implant Recipients.

American Neurotology Society at Combined Otolaryngology Spring Meeting; New Orleans, LA, May 2025.

Poster Presentations

1. Verm RA, De León LE, **Patro A**, Guzmán-Pruneda FA, Adachi I, Heinle JS, Kane LC, McKenzie ED, Fraser Jr CD, Mery CM. Mid-term Outcomes of Patients Diagnosed with Congenitally Corrected Transposition of the Great Arteries: A Single Center Experience. American College of Surgeons Annual Congress Meeting; Chicago, IL, July 2015.
2. Lindquist NR, **Patro A**, Canadas KT. The Implications of Antibiotic Susceptibility for the Surgical Treatment of Neck Abscesses at a Tertiary Pediatric Center. American Society of Pediatric Otolaryngology at Combined Otolaryngology Spring Meeting; Austin, TX, May 2017.
3. Lindquist NR, **Patro A**, Mukerji SS. Cost-Analysis of Tonsillectomy in the Very Young. American Society of Pediatric Otolaryngology at Combined Otolaryngology Spring Meeting; National Harbor, MD, May 2018.
4. **Patro A**, Totten DJ, Sherry AD, Bennett ML, O'Malley MR, Haynes DS, Perkins EL. Initial Observation Versus Upfront Microsurgical Resection Yields Comparable Outcomes for Small to Medium-Sized Vestibular Schwannomas. American Neurotology Society at Combined Otolaryngology Spring Meeting; virtual, April 2021.

***3rd place American Neurotology Society Poster Award**

5. Perkins EL, Totten DJ, Cass ND, Sherry AD, **Patro A**, Haynes DS, Bennett ML. Cost Analysis Following Microsurgical Resection of Vestibular Schwannomas: Does Extent of Resection Matter? American Neurotology Society at Combined Otolaryngology Spring Meeting; virtual, April 2021.

***2nd place American Neurotology Society Poster Award**

6. **Patro A**, Wu J, Davis S, Lipscomb B, Whigham A, Wooten C. Findings and Durability of Multiple Sleep Endoscopy-Directed Surgeries in Pediatric Obstructive Sleep Apnea. American Society of Pediatric Otolaryngology at Combined Otolaryngology Spring Meeting; virtual, April 2021.
7. Perkins EL, Berg K, **Patro A**, Haynes DS, Gifford R. The Impact of Social Isolation During the COVID-19 Pandemic on Cochlear Implant Performance. American Cochlear Implant Alliance Meeting; virtual, April 2021.
8. **Patro A**, Haynes DS, Perkins EL. Implementation and Barriers to Same-Day Patient Consultation and Cochlear Implantation. American Academy of Otolaryngology – Head and Neck Surgery Meeting; Los Angeles, CA, October 2021.
9. Stevens MN, **Patro A**, Rahman B, Rohde SL, Topf MC. Impact of COVID-19 on Head and Neck Cancer Care Delivery. American Academy of Otolaryngology – Head and Neck Surgery Meeting; Los Angeles, CA, October 2021.
10. **Patro A**, Lindquist NR, Holder JT, Gifford R, Perkins EL. A Five-Year Update on the Profile of Adults Undergoing Cochlear Implant Evaluation and Surgery – Are We Doing Better? American Neurotology Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.
11. **Patro A**, Haynes DS, Tawfik KO, O'Malley MR, Bennett ML, Labadie RF, Perkins EL. Video Education Before Cochlear Implantation Enhances Patient Knowledge and Confidence: A Randomized-Controlled Study. American Otological Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.
12. Cass ND, Lindquist NR, **Patro A**, Smetak MR, Tawfik KO. Comparison of CT Incidence of SSWA and SCD in Cohort of Patients with Idiopathic Pulsatile Tinnitus Compared with Control. American Otological Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.

***3rd place American Otological Society Poster Award**

13. Esianor BI, **Patro A**, Kay H, Schuster D, Seibert J. Learningoscope Course: Utilization of the Five-Step Method to Teach Flexible Fiberoptic Laryngoscopy. The Triological Society at Combined Otolaryngology Spring Meeting; Dallas, TX, April 2022.
14. **Patro A**, Lindquist NR, Holder JT, Gifford RH, Haynes DS, Perkins EL. Improved Postoperative Speech Recognition and Processor Use with Early Cochlear Implant Activation. American Neurotology Society at Combined Otolaryngology Spring Meeting; Boston, MA, May 2023.
15. Dorismond C, **Patro A**, Holder JT, Perkins EL. Positive Correlation Between Quality of Life and Speech Recognition Outcomes Following Cochlear Implantation. American Neurotology Society at Combined Otolaryngology Spring Meeting; Boston, MA, May 2023.
16. Miller A, **Patro A**, Stevens MN, Haynes DS, Topf MC. The Top 75 Twitter Influencers in Otolaryngology – Head and Neck Surgery. Triological Society 2023 Combined Sections Meeting; Coronado, CA, Jan 2023.
17. Brown CL, Shi L, Peterson AA, **Patro A**, Holder JT, Gifford RH, Perkins EL. Profile of Pediatric Patients Presenting for Cochlear Implant Candidacy Evaluation at a High-Volume Cochlear Implant Center. American Cochlear Implant Alliance Meeting; Dallas, TX, June 2023.
18. Lindquist, **Patro A**, Gifford R, Haynes D, Holder J, Perkins E. Hearing Preservation and Perioperative Disparities Among Elderly Cochlear Implant Recipients. American Academy of Otolaryngology – Head & Neck Surgery; Nashville, TN, September 2023.
19. Richards K, Lubner RJ, Brennan J, **Patro A**, Netterville JL. Is Screening Enough? Follow-up on a Kenyan Hearing Screening Initiative. American Academy of Otolaryngology – Head & Neck Surgery; Nashville, TN, September 2023.
20. Neukam JD, Kunnath AJ, **Patro A**, Moberly AC, Tamati TN. On the Development of a Questionnaire Understanding Barriers to Adult Cochlear Implant Uptake: A Literature Review. Conference on Implantable Auditory Prostheses; Lake Tahoe, CA, July 2023.
21. Freeman MH, **Patro A**, Lindquist NR, Moberly AC, Perkins EL, Berg K, Haynes DS, Bennett ML. Factors Driving Patient Selection of Cochlear Implant Brand. American Otological Society at Combined Otolaryngology Spring Meeting; Chicago, IL, May 2024.
22. Ma CC, **Patro A**, Schauwecker NR, Freeman MH, Perkins EL, Haynes DL, Tawfik KO. Impact of Perioperative Anticoagulation and Antiplatelet Therapy on Hearing Preservation Outcomes. American Otological Society at Combined Otolaryngology Spring Meeting; Chicago, IL, May 2024.
23. Schauwecker NR, **Patro A**, Ma CC, Freeman MH, Haynes DL, Perkins EL. Comparison of Achievement and Time to benchmark Cochlear Implant Performance for Traditional, Single-Sided Deafness, and Hearing Preservation Candidates. American Otological Society at Combined Otolaryngology Spring Meeting; Chicago, IL, May 2024.
24. Schauwecker NR, **Patro A**, Ma CC, Freeman MH, Haynes DL, Perkins EL. Preoperative Hearing Aid Use is Associated with Device Usage After Cochlear Implantation. American Otological Society at Combined Otolaryngology Spring Meeting; Chicago, IL, May 2024.
25. Kunnath AJ, **Patro A**, Perkins EL, Tamati TN, Gifford RH, Haynes DS, Chau I, Harvey EA, Dixon PR, McRackan TR, Moberly AC. Leveraging Early Speech Recognition Data to Predict Long-term Cochlear Implant Outcomes: A Precision Medicine Approach. American Auditory Society; Scottsdale, AZ, February 2025.
26. Lee IA, **Patro A**, Canfarotta MW, Perkins EL, Tawfik KO, Haynes DS, Bennett ML. Postoperative Complications Related to Bone Conduction Hearing Devices: A Comprehensive Evaluation at a Single Institution. American Otological Society at Combined Otolaryngology Spring Meeting; New Orleans, LA, May 2025.

27. Schauwecker N, Spector B, **Patro A**, Tamati TN, Haynes DS, McRackan TR, Moberly AC. Comparison of Significant Improvements in Speech Perception versus Patient-Reported Outcomes Measures in Adult Cochlear Implant Users. American Neurotology Society at Combined Otolaryngology Spring Meeting; New Orleans, LA, May 2025.

Invited Lectures and Panels

1. **Patro A**. Building a Better Mousetrap: A Research-Based Design to Providing HIV Education. “Critical Issues in International Women’s Health” course by Anne Firth Murray (Nobel Peace Prize Nominee); Stanford, CA, January 2013.
2. **Patro A**. Building a Better Mousetrap: A Research-Based Design to Providing HIV Education. Silicon Institute of Technology; Bhubaneswar, India, July 2013.
3. **Patro A**. Building a Better Mousetrap: A Research-Based Design to Providing HIV Education. Social Innovation Speaker Series; Stanford, CA, October 2013.
4. **Patro A**. Culturally-Appropriate Health Interventions: Development and Implementation. “Critical Issues in International Women’s Health” course by Anne Firth Murray (Nobel Peace Prize Nominee); Stanford, CA, January 2014.
5. **Patro A**. Culturally-Appropriate Health Interventions: Development and Implementation. Pediatric Residency Global Health Noon Series; Stanford, CA, June 2014.
6. **Patro A**. Anatomy and Physiology of Hearing and Balance. Vanderbilt University Otolaryngology Resident Conference; Nashville, TN, September 2019.
7. **Patro A**. Benign and Premalignant Laryngeal Lesions. Vanderbilt University Otolaryngology Resident Conference; Nashville, TN, August 2020.
8. **Patro A**. Systemic Diseases with Nasal Manifestations. Vanderbilt University Otolaryngology Resident Conference; Nashville, TN, November 2020.
9. **Patro A**. Utility of Video Education in the Cochlear Implantation Process: A Randomized-Controlled Study. Vanderbilt University Otolaryngology Resident Research Day; Nashville, TN, June 2021.
10. **Patro A**. Adult Airway Consults and Head and Neck Emergencies. Vanderbilt University Otolaryngology Resident Conference; Nashville, TN, July 2021.
11. **Patro A**. Oral and Oropharyngeal Benign Disorders. Vanderbilt University Otolaryngology Resident Conference; Nashville, TN, November 2021.
12. **Patro A**. Hearing Rehabilitation, Prostheses, Aids, and Cochlear Implants. Vanderbilt University Otolaryngology Resident Conference; Nashville, TN, March 2022.
13. **Patro A**. Management of Meniere’s Disease. Joint Mayo/Vanderbilt/Baylor-MD Anderson Neurotology Lecture Series; Nashville, TN, July 2023.
14. **Patro A**. Cochlear Implants: When to Refer. Vanderbilt Combined Temporal Bone & Endoscopic Ear Dissection Course; Nashville, TN, December 2023.
15. **Patro A**. Addressing Access to Cochlear Implants: Taking A Practical Approach. Mayo Clinic; Rochester, MN, February 2024.
16. **Patro A**, Young N, Suresh K, Moberly A (moderator). AI in CI: Is This the Future? International Fall Cochlear Implant Meeting; Asheville, NC, September 2024.

EDITORIAL REVIEW ACTIVITIES

2022-Present	Otolaryngology—Head and Neck Surgery, <i>Ad hoc reviewer</i>
2022-Present	Otology & Neurotology, <i>Ad hoc reviewer</i>

2022-Present Otology & Neurotology Open, *Ad hoc reviewer*
 2023-Present The Laryngoscope, *Ad hoc reviewer*
 2024-Present Ear and Hearing, *Ad hoc reviewer*

COURSES ATTENDED

1. **Resident Reviewer Development Program**, American Academy of Otolaryngology-Head and Neck Surgery, 2021-2022
2. **Temporal Bone Dissection Course**, Vanderbilt University Medical Center, Nashville, TN; 10/2018, 10/2019, 10/2020
3. **Endoscopic Middle Ear Surgery Dissection Course**, Vanderbilt University Medical Center, Nashville, TN; 4/2019, 5/2021, 4/2022
4. **Endoscopic and Exoscopic Ear and Lateral Skull Base Surgery Course**, Massachusetts Eye & Ear Infirmary, Boston, MA; 11/2020
5. **Injectable and Filler Hands-on Training Course**, Vanderbilt University Medical Center, Nashville, TN; 11/2019, 05/2019, 06/2020, 06/2021
6. **Synthes Maxillofacial Trauma Hands-on Training Course**, Vanderbilt University Medical Center, Nashville, TN; 11/2018, 12/2019, 10/2020, 10/2021
7. **Sino-nasal Endoscopic Dissection Course**, Vanderbilt University Medical Center, Nashville, TN; 3/2019, 8/2020, 4/2022
8. **Stryker Neurotology Bootcamp**, Salt Lake City, UT; 5/2023
9. **CyberKnife CNS Radiosurgery Course**, Accuray (remotely), 8/2025

HOBBIES AND INTERESTS

Classical and modern Indian dance choreography; board games; amateur gardening; travel