

## **Ashwini Joshi, Ph.D., CCC-SLP**

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### **EDUCATION**

2007-2011	Doctor of Philosophy (Rehabilitation Sciences) University of Kentucky, Lexington, KY
2010	Certificate in Clinical and Translational Science University of Kentucky, Lexington, KY
2005-2007	Master of Science (Speech Language Pathology) Bloomsburg University, Bloomsburg, PA
2001-2005	Bachelor of Science (Hearing, Language Science) Ali Yavar Jung, National Institute of Speech and Hearing Disabilities, Mumbai, India

### **PROFESSIONAL EXPERIENCE**

2021- current	Program Director, Doctoral program, Department of Communication Sciences and Disorders, University of Houston, Houston, TX
2021- current	Adjunct Associate Professor, Department of ENT, Houston Methodist Hospital
2020- current	Associate Professor, Department of Communication Sciences and Disorders, University of Houston, Houston, TX
2013- 2020	Assistant Professor, Department of Communication Sciences and Disorders, University of Houston, Houston, TX
2011-2013	Speech Language Pathologist, RehabCare, Houston, TX
2008-2011	Speech Language Pathologist, Clinical Voice Center, University of Kentucky

### **FUNDED RESEARCH**

#### **External Grants**

2020-2023	Early Career R21 Grant, National Institute of Deafness and Other Communication Disorders (NIDCD), National Institute of Health, R21 DC017205 <i>Voice Rest Adherence After Phonomicrosurgery</i> (\$436,202). Role: PI
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- 2014 Lear Ashmore Research Endowment Fund, Texas Speech-Language-Hearing Foundation. *The effects of voice therapy in student teachers of music education* (\$1880). Role: PI

### Internal Grants

- 2024 Small Grants Program, Division of Research, University of Houston (\$10,000). *Neurocognitive bases of phonotraumatic voice disorders*. Role: PI
- 2018 Research Progress Grant, Division of Research, University of Houston (\$4000). *Normative data for acoustic analyses of the voice*. Role: PI
- 2017 Research Progress Grant, Division of Research, University of Houston (\$3000). *Objective and subjective measurement of two forms of voice rest after phonosurgery*. Role: PI
- 2014 New Faculty Grant, Division of Research, University of Houston (\$6000). *The effects of voice therapy in student teachers of music education*. Role: PI
- 2010 College of Health Sciences, University of Kentucky Pilot Grant for dissertation (covered MRI scanning costs)
- 2010 University of Kentucky Research Fund- MRISC Service Center Grant.
- 2009 Seed Grant, Center for Clinical and Translational Sciences, University of Kentucky (\$4500)

### Peer-reviewed Publications (\*student)

- Joshi, A.**, Awan, S. N., Rubino, M., Devore, D., Procter, T., & Ongkasuwan, J. (2025). Cepstral Peak Prominence in Nondysphonic Children Using Praat and Analysis of Dysphonia in Speech and Voice. *Journal of speech, language, and hearing research: JSLHR*, 68(8), 3733–3747. [https://doi.org/10.1044/2025\\_JSLHR-25-00046](https://doi.org/10.1044/2025_JSLHR-25-00046)
- Rubino, M., Fan, R. S., Yiu, Y., Roy, N., Dueppen, A., Procter, T., ... & **Joshi, A.** (in press, 2025). Early insights into the role of personality in adherence to voice rest after phonomicrosurgery. *Journal of Voice*.
- Fan, R. S.,\* Yiu, Y., Kulesz, P. A., Dueppen, A., Procter, T., Goodwin, M. E., Thekdi, A. A., & **Joshi, A.** (2024). Clinical voice outcomes for two voice rest protocols after phonomicrosurgery. *The Laryngoscope*, 134(6), 2812–2818. <https://doi.org/10.1002/lary.31250>
- Dueppen, A.,\* & **Joshi, A.** (2024). Wound healing and special considerations for the professional and performing voice. *Perspectives of the ASHA Special Interest Groups*, 9(1), 92–98. [https://doi.org/10.1044/2023\\_PERSP-23-00083](https://doi.org/10.1044/2023_PERSP-23-00083)
- Nair, R. M., **Joshi, A.**, & Gunjawate, D. R. (2024). Knowledge, attitude and practices towards vocal health care amongst Indian Carnatic singers. *Journal of Voice*, 38(1), 161–169. <https://doi.org/10.1016/j.jvoice.2021.07.004>
- Joshi, A.**, Procter, T., & Kulesz, P. A. (2023). COVID-19: Acoustic measures of voice in individuals wearing different facemasks. *Journal of Voice*, 37(6), 971.e1–971.e8. <https://doi.org/10.1016/j.jvoice.2021.06.015>
- Dueppen, A.,\* **Joshi, A.**, Roy, N., Yiu, Y., Procter, T., Goodwin, M., & Thekdi, A. (2023). Exploring personality and perceived present control as factors in postsurgical voice rest: A case comparison. *Journal of Voice*. Advance online publication.

- <https://doi.org/10.1016/j.jvoice.2022.12.014>
- Procter, T., & **Joshi, A.** (2022). Cultural competency in voice evaluation: Considerations of normative standards for sociolinguistically diverse voices. *Journal of Voice*, 36(6), 793–801. <https://doi.org/10.1016/j.jvoice.2020.09.025>
- Nair, R. M., Ravi, R., **Joshi, A.**, Deshpande, S., & Gunjawate, D. R. (2022). Vocal health care amongst Hindustani classical singers: A mixed methods, cross-sectional survey. *Journal of Voice*. Advance online publication. <https://doi.org/10.1016/j.jvoice.2021.12.018>
- Joshi, A.**, Baheti, I., & Angadi, V. (2020). Cultural and linguistic adaptation of the Consensus Auditory-Perceptual Evaluation of Voice (CAPE-V) into Hindi. *Journal of Speech, Language, and Hearing Research*, 63(12), 3974–3981. [https://doi.org/10.1044/2020\\_JSLHR-20-00348](https://doi.org/10.1044/2020_JSLHR-20-00348)
- Joshi, A.** (2020). A comparison of the s/z ratio to instrumental aerodynamic measures of phonation. *Journal of Voice*, 34(4), 533–538. <https://doi.org/10.1016/j.jvoice.2019.02.014>
- Joshi, A.**, Watts, C. R., & Hathway, J. (2020). Phonation quotient using three aerodynamic instruments in the disordered voice. *Journal of Voice*, 34(1), 20–24. <https://doi.org/10.1016/j.jvoice.2018.08.002>
- Regan, K., & **Joshi, A.** (2019). A tutorial of the current treatment modalities and voice management in laryngeal cancer. *Perspectives of the ASHA Special Interest Groups*, 4(5), 805–813. [https://doi.org/10.1044/2019\\_PERS-SIG3-2019-0003](https://doi.org/10.1044/2019_PERS-SIG3-2019-0003)
- Joshi, A.**, & Watts, C. R. (2018). A comparison of indirect and direct methods for estimating transglottal airflow rate. *Journal of Voice*, 32(6), 655–659. <https://doi.org/10.1016/j.jvoice.2017.09.020>
- Joshi, A.**, & Johns, M. M., III. (2018). Current practices for voice rest recommendations after phonemicsurgery. *The Laryngoscope*, 128(5), 1170–1175. <https://doi.org/10.1002/lary.26979>
- Joshi, A.**, & Watts, C. R. (2017). Phonation quotient in women: A measure of vocal efficiency using three aerodynamic instruments. *Journal of Voice*, 31(2), 161–167. <https://doi.org/10.1016/j.jvoice.2016.06.007>
- Joshi, A.**, & Watts, C. R. (2016). Measurement reliability of phonation quotient derived from three aerodynamic instruments. *Journal of Voice*, 30(6), 773.e13–773.e19. <https://doi.org/10.1016/j.jvoice.2015.11.015>
- Dietrich, M., Andreatta, R. D., Jiang, Y., **Joshi, A.**, & Stemple, J. C. (2012). Preliminary findings on the relation between the personality trait of stress reaction and the central neural control of human vocalization. *International Journal of Speech-Language Pathology*, 14(4), 377–389. <https://doi.org/10.3109/17549507.2012.688865>
- Joshi, A.**, Jiang, Y., Stemple, J. C., Archer, S. M., & Andreatta, R. D. (2011). Induced unilateral vocal fold paralysis and recovery rapidly modulate brain areas related to phonatory behavior: A case study. *Journal of Voice*, 25(2), e53–e59. <https://doi.org/10.1016/j.jvoice.2010.07.002>
- Andreatta, R. D., Stemple, J. C., **Joshi, A.**, & Jiang, Y. (2010). Task-related differences in temporo-parietal cortical activation during human phonatory behaviors. *Neuroscience Letters*, 484(1), 51–55. <https://doi.org/10.1016/j.neulet.2010.08.017>

### Other publications

1. Joshi A. Performing Economical Acoustic and Aerodynamic Assessment of Voice: Can it be done? *Communicologist*, Texas Speech-Language-Hearing Association, December 2018.
2. Stemple JC, **Joshi A** and Ensslen AJ. Voice Disorders. In: Ruscello, D, ed. *Review Questions*

for the Speech-Language Pathology Praxis Examination. Missouri: Mosby Elsevier; 2010:134-146.

### Refereed Presentations (\*Student)

1. Fan, R., Awan, S.N., Abrams, Z., **Joshi, A.** (2025, November). *Working Towards an Objective Measurement of Vocal Resonance using a Machine Learning Approach.* American Speech-Language-Hearing Association Conference, Washington, DC.
2. Dueppen, A., **Joshi, A.**, Fan, R. (2025, September). *Recommendations for Patients with BVFLs Pre- and Post-Phonomicrosurgery: Where are we now?* The Fall Voice Conference, Charlotte, NC.
3. Dueppen, A., **Joshi, A.**, Fan., R.S., Kulesz, P., Yiu, Y., Procter, T., Goodwin, M., & Thekdi, A. (2025, September). *Relationship Between Clinician-Rated Severity, Patient Motivation, and Adherence to Postoperative Voice Rest Protocols after Phonomicrosurgery.* The Fall Voice Conference, Charlotte, NC.
4. Rubino, M., Fan, R., Yiu, Y., Kulesz, P., Dueppen, A., Procter, T., Goodwin, M. E., Thekdi, A. A., & **Joshi, A.** (2025, September). *Validity of Patients' Subjective Voice Rest Adherence Reports.* The Fall Voice Conference, Charlotte, NC.
5. Rubino, M., Fan, R., Dueppen, A., & **Joshi, A.** (2024, December). Integrating personality measures for improved adherence to voice therapy recommendations in adults. American Speech-Language-Hearing Association Conference, Seattle, WA.
6. **Joshi, A.**, Awan, S. N., Devore, D., Procter, T., & Ongkasuwan, J. (2024, October). Cepstral peak prominence in non-dysphonic children. \*The Fall Voice Conference\*, Phoenix, AZ.
7. Rubino, M., Fan, R., Yiu, Y., Roy, N., Dueppen, A., Procter, T., Goodwin, M. E., Thekdi, A. A., Daniels, S., & **Joshi, A.** (2024, October). *Early insights into the role of personality in adherence to voice rest after phonomicrosurgery.* The Fall Voice Conference, Phoenix, AZ.
8. Rubino, M., Wetzel, M., Johnson, J., & **Joshi, A.** (2024, October). *Longitudinal voice changes in a cohort of MFA acting students.* Pan-American Vocology Association Annual Symposium: Exploration, Collaboration, and Creative Ideation, Houston, TX.
9. **Joshi, A.**, Awan, S. N., Devore, D., Ongkasuwan, J., & Procter, T. (2023, November 16–18). *Normative pediatric data for cepstral measures using Praat and ADSV.* American Speech-Language-Hearing Association Convention, Boston, MA.
10. Paderin, D., **Joshi, A.**, Asi, K., Gorelik, D., Bari, T., Lilly, J., & Yiu, Y. (2023, October 18–20). *Epidemiology and predictive factors for vocal fold pathology: A single institution retrospective review.* The Fall Voice Conference, Washington, DC.
11. Fan, R., Yiu, Y., Tritter, A., Thekdi, A. A., Duvall, A., & **Joshi, A.** (2023, October 18–20). *Wound size and vibratory function after microflap surgery.* The Fall Voice Conference, Washington, DC.
12. Fan, R., Joshi, A., Dueppen, A., Procter, T., Maurice, M. E., Yiu, Y., Thekdi, A.A., Kulesz, P. A., (2022, October 5 –8). Clinical Outcomes for two types of voice rest programs after phonomicrosurgery for patients with Benign Vocal Fold Lesions. Fall Voice 2022, San Francisco, CA.
13. Procter T, Joshi A. Acoustic measures of voice in individuals wearing different facemasks. 2021 The Fall Voice Conference, Miami, FL (virtual).
14. Dueppen A,\* **Joshi, A**, Yiu Y, Procter T, Goodwin M, Kulesz P, Thekdi A. Personality and

- Motivation as Factors Involved in Post-Surgical Voice Rest Adherence: Preliminary Results. 2021 The Fall Voice Conference, Miami, FL (virtual).
15. Dueppen A, Goodwin M, **Joshi A**. A Guide to Tailoring Treatment for the Professional Voice User. 2020 Annual Convention, Texas Speech-Language Hearing Convention, Houston, TX
  16. Baheti I\*, Joshi A. Developing a Hindi Version of the Consensus Auditory Perceptual Evaluation of Voice (CAPE-V). 48<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2019
  17. Procter T\*, Joshi A. Acoustic Analysis of the Voice in Native and Non-Native English Speakers. 48<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2019
  18. **Joshi A**, Procter T\*. Comparison of the s/z ratio to instrumental measures of laryngeal aerodynamics. 2018 The Fall Voice Conference, Seattle, WA
  19. **Joshi A**, Watts, C. Phonation Quotient as a Low Cost Estimate of Transglottal Airflow in the Normal and Disordered Voice. 2018 The Fall Voice Conference, Seattle, WA.
  20. **Joshi A**, Johns, MM. A Survey of Voice Rest Practices after Phonosurgery. 47<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2018
  21. Morales CM\*, **Joshi A**. Vocal Habits and Factors Affecting Voice Use in Educators. 2018 Annual Convention, Texas Speech-Language Hearing Convention, Houston, TX
  22. Procter T\*, **Joshi A**. The Show Must Go On: Surgical Rehabilitation of an Opera Singer. 2018 Annual Convention, Texas Speech-Language Hearing Convention, Houston, TX.
  23. **Joshi, A**, Watts, C. Phonation Quotient as a Low Cost Estimate of Transglottal Airflow. 47<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2018
  24. **Joshi, A**, Johns, MM. A Survey of Voice Rest Practices after Phonosurgery. 2017 The Fall Voice Conference, Pentagon City, District of Columbia.
  25. **Joshi, A**, Gibson, S. To Fry or Not To Fry: Do We Treat Glottal Fry? 2017 Annual Convention, Texas Speech-Language Hearing Convention, Austin, TX.
  26. **Joshi, A**, Watts, Christopher. Measurement Reliability for Phonation Quotient Across Three Aerodynamic Instruments. 2016 ASHA Convention, American Speech-Language-Hearing Association, Philadelphia, PA, 2016
  27. **Joshi, A**, Andreatta, RD, Jiang, Y and Stemple, JC. Gender Differences in Cortical Representation of Phonation. 2015 ASHA Convention, American Speech- Language-Hearing Association, Denver, CO, 2015.
  28. **Joshi, A**. The effects of voice therapy on student teachers in music education. The Fall Voice Conference, San Antonio, TX 2014.
  29. **Joshi, A**. Unilateral vocal fold paralysis: Current practice and implications for care. 2012 Annual Convention, Texas Speech-Language Hearing Convention, San Antonio, TX.
  30. **Joshi, A**, Andreatta, RD, Jiang, Y, and Stemple, JC Central neural correlates secondary to induced unilateral vocal fold paralysis. 2011 ASHA Convention, American Speech-Language-Hearing Association, San Diego, CA, 2011
  31. **Joshi, A**, Dietrich, MM, Jiang, Y, Andreatta, RD and Stemple, JC. Updates on theories of speech production, functional MRI and voice. 2010 ASHA Convention, American Speech-Language-Hearing Association, Philadelphia, PA, 2010.
  32. **Joshi, A**, Jiang, Y, Stemple, JC & Andreatta, RD. Central laryngeal representation of normal and disordered voice. 2009 ASHA Convention, American Speech-Language-Hearing

Association, New Orleans, LA, 2009.

33. **Joshi, A**, Jiang, Y, Stemple, JC and Andreatta, RD Central laryngeal representation after temporary induced unilateral vocal fold paralysis. CCTS Seminar Series, Center for Clinical and Translational Science, University of Kentucky, 2010.
34. **Joshi, A**, Jiang, Y, Stemple, JC and Andreatta, RD. Central laryngeal representation after temporary induced unilateral vocal fold paralysis. 11<sup>th</sup> Biennial International Conference on Advances in Laryngeal Biophysiology, Madison, WI, 2010.
35. **Joshi, A**, Etter, NE & Stemple, JC. The changing voice of the older adult. Annual Conference, Kentucky Speech-Language-Hearing Association Conference, Lexington, KY, 2010
36. **Joshi, A** & Patel, R. Treatment of unilateral vocal fold paralysis: Implications for care. Annual Conference, Kentucky Speech-Language-Hearing Association Conference, Louisville, KY, 2009.
37. **Joshi, A**, Jiang, Y, Stemple, JC & Andreatta, RD. A functional magnetic resonance imaging study on the central laryngeal representation of normal voice. Spring Conference, Center for Clinical and Translational Science, Lexington, KY, 2009.
38. **Joshi, A**, Stemple, JC, Andreatta, RD & Jiang, Y. Task-dependent supramarginal cortical activation during phonatory behaviors in humans. 38<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2009
39. **Joshi, A**, & Awan, SN. Effects of elicitation method on the respiratory and phonatory control characteristics of voice. 37<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2008.
40. Stemple, JC, Thomas, LB, & **Joshi, A**. Voice therapy for glottal incompetence. 10<sup>th</sup> Biennial International Conference on Advances in Laryngeal Biophysiology, Madison, WI 2008.
41. Schaefer, C, Reynolds, S, Henderson, A, **Joshi, A**, Steinhauer, K, Horne, R, Klimek, M, Stemple, JC & Thomas, LB. A normative study of the adult voice. 2008 ASHA Convention, American Speech-Language-Hearing Association, Boston, MA, 2008.
42. **Joshi, A**, Stemple, JC, Andreatta, RD & Jiang, Y. An fMRI study of the central laryngeal representation in normal voice. 37<sup>th</sup> Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2008.

### Invited

1. **Joshi, A**. The role of voice rest in the post-surgical rehabilitation of benign vocal fold lesions, Research Colloquium, NYU Steinhardt Communicative Sciences and Disorders, 2021.
2. Thekdi, A., **Joshi, A**. A multidisciplinary approach to vocal fold insufficiency, Merz Educational Peer-to-Peer Series. Houston, TX, 2016.
3. **Joshi, A**. Case studies. Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai, India, 2010.
4. **Joshi, A**. A treatment of unilateral vocal fold paralysis: Implications for care. Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai, India, 2010.

### Other

1. **Joshi, A**. Voice Evaluation Basics: How To Do a Low-Tech Voice Assessment, Hot topics in SLP, University of Houston, Houston, TX, 2015.
2. **Joshi, A**., Stemple, JC, Andreatta, RD & Jiang, Y. Task-dependent supramarginal cortical activation during phonatory behaviors in humans. Annual Cognitive Science Day, University of Kentucky, 2010.

## TEACHING

### Graduate Courses

Department of Communication Sciences and Disorders, University of Houston

2015-current Voice disorders

2016-2019 Guest lecture, Instrumentation, Motor Speech Disorders,

2015-2016 Motor Speech Disorders

### Undergraduate Courses

Department of Communication Sciences and Disorders, University of Houston

2014-2015, 2017-20 Speech Science

2013-2014, 2016 Anatomy and Physiology for Communication Sciences and Disorders,

## SERVICE

2024 Reviewer, SBIR/STTR, National Science Foundation (NSF)

2023 Ad-hoc member, Motor Function and Speech Rehabilitation (MFSR)

Study Section, Center for Scientific Reviews, NIH

2022 Editorial Board Member, Journal of Speech-Language-Hearing Research

2022 Reviewer, ASHF grants

2021 Reviewer, Perspectives

2021 Reviewer, American Journal of Speech-Language Pathology

2019-2021 Reviewer, Journal of Speech-Language-Hearing Research

2018-2019 Moderator, Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA,

2018 Reviewer, New Investigator Grant, PSI Foundation

2016-17, '19, '21 Member, ASHA Voice & Upper Airway Planning Committee

2016-2017 Reviewer, PLOS One

2016-current Editorial Board member, Journal of Voice

2016 Television interview, ABC 13, Trendy or annoying? What is vocal fry?

## HONORS AND AWARDS

2025 Meritorious poster, ASHA Convention, Fan, R., Awan, S.N., Abrams, Z., **Joshi, A.** (accepted for 2025, November). Working Towards an Objective Measurement of Vocal Resonance using a Machine Learning Approach. American Speech-Language-Hearing Association Conference, Washington, DC.

2025 Selected as a Centennial session, ASHA Convention, Fan, R., Awan, S.N., Abrams, Z., **Joshi, A.** (accepted for 2025, November). Working Towards an Objective Measurement of Vocal Resonance using a Machine Learning Approach. American Speech-Language-Hearing Association Conference, Washington, DC.

2024 New Investigator Research Forum 2024. Rubino, M., & Joshi, A. The Voice Foundation's 53<sup>rd</sup> Annual Symposium: Care of the Professional Voice, Philadelphia, PA.

2023 American Speech-Language-Hearing Foundation, Research Mentoring Pair

	Travel Award
2014, 2016-18	University of Houston Provost Travel Award
2017	ACE award for continuing education, American Speech-Language-Hearing Association
May 2012	Employee of the month-Therapy, West Oaks Rehabilitation and Healthcare Center, Houston, TX
2010, 2009, 2008	Graduate School Travel Award, University of Kentucky
2010, 2008	Dept. of Rehabilitation Sciences Travel Award, University of Kentucky
2009	International Student Scholarship, American Speech-Language-Hearing Foundation.
2008	International Conference for Advances in Laryngeal Biophysiology Travel Award
2008	American Speech-Language-Hearing Foundation, Research Mentoring Pair Travel Award.

#### **LICENSURE AND PROFESSIONAL AFFILIATIONS**

8/2011- current	Licensed by the State of Texas in Speech Language Pathology.
2/2010- current	Certificate of Clinical Competence-Speech Language Pathology, American Speech-Language- Hearing Association, February 2010.
2010-current	Member, American Speech-Language-Hearing Association (ASHA)
2010-current	Member, American Speech-Language-Hearing Association, Special Interest Division 3, Voice and voice disorders
2016-current	Member, American Speech-Language-Hearing Association, Special Interest Division 19, Speech Science