

Ashwini Joshi, Ph.D., CCC-SLP

Department of Communication Sciences and Disorders
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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 Program Director, Doctoral program, Department of Communication
Sciences and Disorders, University of Houston, Houston, TX
- 2021 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 *Voice Rest Adherence After Phonomicrosurgery* (\$436,202).
Role: PI

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

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)

1. Nair RM*, **Joshi A**, Gunjawate DR. Knowledge, attitudes and practices towards vocal health care amongst Indian Carnatic singers. *J Voice*, in press (August 2021)
2. **Joshi A**, Procter T, Kulesz P. Acoustic measures of voice in individuals wearing different facemasks. *J Voice*, in press (July 2021)
3. **Joshi A**, Baheti I*, Angadi, V. Cultural and Linguistic Adaptation of the Consensus Auditory Perceptual Evaluation of Voice (CAPE-V) in Hindi. *Journal of Speech-Language-Hearing Research*, December 2020, 63 (12), 3974-3981.
4. Procter T*, **Joshi A**. Cultural Competency in Voice Evaluation: Considerations of Normative Standards for Sociolinguistically Diverse Voices. *J Voice*, in press (October 2020).
5. **Joshi A**. A comparison of the s/z ratio and instrumental aerodynamic measures. *J Voice*, July 2020, 34 (4), 533-538.
6. **Joshi A**, Watts CR, Hathway J. Phonation quotient using three aerodynamic instruments in the disordered voice. *J Voice*, January 2020, 34 (1), 20-24.
7. Regan K*, **Joshi A**. Current treatment modalities and voice management in laryngeal cancer: A clinician's primer. *Perspectives of the ASHA Special Interest Groups* 3, October 2019.
8. **Joshi A**, Johns MM. Current practices for voice rest recommendations after phonosurgery. *The Laryngoscope*, 2018 May;128(5):1170-1175
9. **Joshi A**, Watts CR. A comparison of direct and indirect measurement of transglottal airflow. *J Voice*, Nov 2018, 32 (6): 655-659.
10. **Joshi, A**, Watts C. Phonation Quotient In Women: A Measure of Vocal Efficiency Using Three Aerodynamic Instruments. *J Voice*, March 2017, 31 (2): 161-167.
11. **Joshi, A**, Watts C. Measurement reliability of phonation quotient derived from three aerodynamic instruments. *J Voice*, Nov 2016, 30 (6): 773.e13–773.e19
12. Dietrich, MM, Yang, J, Andreatta, RD, **Joshi, A**, and Stemple, JC. 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*, Aug 2012, 14

(4): 377-389.

13. **Joshi A**, Jiang Y, Stemple JC, Archer SM, Andreatta RD. Induced Unilateral Vocal Fold Paralysis and Recovery Rapidly Modulate Brain Areas Related to Phonatory Behavior: A Case Study. *J Voice*, 2011, 25 (2): e53-59.
14. Andreatta RD, Stemple JC, **Joshi A**, Jiang Y. Task-related differences in temporo-parietal cortical activation during human phonatory behaviors. *Neurosci Lett*. Oct 22 2010;484(1):51-55.

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. 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
2. Baheti I*, Joshi A. Developing a Hindi Version of the Consensus Auditory Perceptual Evaluation of Voice (CAPE-V). 48th Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2019
3. Procter T*, Joshi A. Acoustic Analysis of the Voice in Native and Non-Native English Speakers. 48th Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2019
4. **Joshi, A**, Procter T*. Comparison of the s/z ratio to instrumental measures of laryngeal aerodynamics. 2018 The Fall Voice Conference, Seattle, WA
5. **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.
6. **Joshi, A**, Johns, MM. A Survey of Voice Rest Practices after Phonosurgery. 47th Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2018
7. Morales CM*, **Joshi A**. Vocal Habits and Factors Affecting Voice Use in Educators. 2018 Annual Convention, Texas Speech-Language Hearing Convention, Houston, TX
8. 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.
9. **Joshi, A**, Watts, C. Phonation Quotient as a Low Cost Estimate of Transglottal Airflow. 47th Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2018
10. **Joshi, A**, Johns, MM. A Survey of Voice Rest Practices after Phonosurgery. 2017 The Fall Voice Conference, Pentagon City, District of Columbia.
11. **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.
12. **Joshi, A**, Watts, Christopher. Measurement Reliability for Phonation Quotient Across Three Aerodynamic Instruments. 2016 ASHA Convention, American Speech-Language-Hearing Association, Philadelphia, PA, 2016
13. **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.
14. **Joshi, A.** The effects of voice therapy on student teachers in music education. The Fall Voice Conference, San Antonio, TX 2014.
 15. **Joshi, A.** Unilateral vocal fold paralysis: Current practice and implications for care. 2012 Annual Convention, Texas Speech-Language Hearing Convention, San Antonio, TX.
 16. **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
 17. **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.
 18. **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.
 19. **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.
 20. **Joshi, A,** Jiang, Y, Stemple, JC and Andreatta, RD. Central laryngeal representation after temporary induced unilateral vocal fold paralysis. 11th Biennial International Conference on Advances in Laryngeal Biophysiology, Madison, WI, 2010.
 21. **Joshi, A,** Etter, NE & Stemple, JC. The changing voice of the older adult. Annual Conference, Kentucky Speech-Language-Hearing Association Conference, Lexington, KY, 2010
 22. **Joshi, A & Patel, R.** Treatment of unilateral vocal fold paralysis: Implications for care. Annual Conference, Kentucky Speech-Language-Hearing Association Conference, Louisville, KY, 2009.
 23. **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.
 24. **Joshi, A,** Stemple, JC, Andreatta, RD & Jiang, Y. Task-dependent supramarginal cortical activation during phonatory behaviors in humans. 38th Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2009
 25. **Joshi, A,** & Awan, SN. Effects of elicitation method on the respiratory and phonatory control characteristics of voice. 37th Annual Symposium: Care of the Professional Voice, The Voice Foundation, Philadelphia, PA, 2008.
 26. Stemple, JC, Thomas, LB, & **Joshi, A.** Voice therapy for glottal incompetence. 10th Biennial International Conference on Advances in Laryngeal Biophysiology, Madison, WI 2008.
 27. 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.
 28. **Joshi, A,** Stemple, JC, Andreatta, RD & Jiang, Y. An fMRI study of the central laryngeal representation in normal voice. 37th 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

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| 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

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| 2014-2015, 2017-20 | Speech Science |
| 2013-2014, 2016 | Anatomy and Physiology for Communication Sciences and Disorders, |

SERVICE

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| 2021 | Reviewer, Perspectives |
| 2021 | Reviewer, American Journal of Speech-Language Pathology |
| 2019-current | 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

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| 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 |

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| 2010, 2008 2009 | Dept. of Rehabilitation Sciences Travel Award, University of Kentucky 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

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| 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 |