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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

- 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 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. 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, 2019 October
2. **Joshi A**. A comparison of the s/z ratio and instrumental aerodynamic measures. *J Voice*, March 2019 (in press)
3. **Joshi A**, Watts CR, Hathway J. Phonation quotient using three aerodynamic instruments in the disordered voice. *J Voice*, Aug 2018 (in press)
4. **Joshi A**, Johns MM. Current practices for voice rest recommendations after phonosurgery. *The Laryngoscope*, 2018 May;128(5):1170-1175
5. **Joshi A**, Watts CR. A comparison of direct and indirect measurement of transglottal airflow. *J Voice*, Nov 2018, 32 (6): 655-659.
6. **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.
7. **Joshi, A**, Watts C. Measurement reliability of phonation quotient derived from three aerodynamic instruments. *J Voice*, Nov 2016, 30 (6): 773.e13–773.e19
8. 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.
9. **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.
10. 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. 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
2. 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
3. **Joshi, A**, Procter T*. Comparison of the s/z ratio to instrumental measures of laryngeal aerodynamics. 2018 The Fall Voice Conference, Seattle, WA
4. **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.
5. **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
6. Morales CM*, **Joshi A**. Vocal Habits and Factors Affecting Voice Use in Educators. 2018 Annual Convention, Texas Speech-Language Hearing Convention, Houston, TX
7. 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.
8. **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
9. **Joshi, A**, Johns, MM. A Survey of Voice Rest Practices after Phonosurgery. 2017 The Fall Voice Conference, Pentagon City, District of Columbia.
10. **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.
11. **Joshi, A**, Watts, Christopher. Measurement Reliability for Phonation Quotient Across Three Aerodynamic Instruments. 2016 ASHA Convention, American Speech-Language-Hearing Association, Philadelphia, PA, 2016
12. **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.
13. **Joshi, A**. The effects of voice therapy on student teachers in music education. The Fall Voice Conference, San Antonio, TX 2014.
14. **Joshi, A**. Unilateral vocal fold paralysis: Current practice and implications for care. 2012 Annual Convention, Texas Speech-Language Hearing Convention, San Antonio, TX.
15. **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
16. **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.
17. **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.
18. **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.

19. **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.
20. **Joshi, A**, Etter, NE & Stemple, JC. The changing voice of the older adult. Annual Conference, Kentucky Speech-Language-Hearing Association Conference, Lexington, KY, 2010
21. **Joshi, A** & Patel, R. Treatment of unilateral vocal fold paralysis: Implications for care. Annual Conference, Kentucky Speech-Language-Hearing Association Conference, Louisville, KY, 2009.
22. **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.
23. **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
24. **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.
25. Stemple, JC, Thomas, LB, & **Joshi, A**. Voice therapy for glottal incompetence. 10th Biennial International Conference on Advances in Laryngeal Biophysiology, Madison, WI 2008.
26. 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.
27. **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. Thekdi, A., **Joshi, A**. A multidisciplinary approach to vocal fold insufficiency, Merz Educational Peer-to-Peer Series. Houston, TX, 2016.
2. **Joshi, A**. Case studies. Ali Yavar Jung National Institute for the Hearing Handicapped, Mumbai, India, 2010.
3. **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,
2015 Graduate seminar, Voice disorders review

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

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

2018 Reviewer, New Investigator Grant, PSI Foundation

2016-2017, 2019 Member, ASHA Voice & Alaryngeal Communication 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

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