

Heather Shaw Bonilha, Ph.D., CCC-SLP

*Professor, with Tenure
Department of Communication Sciences and Disorders
Arnold School of Public Health
University of South Carolina
Columbia, SC*

CURRICULUM VITAE

EDUCATION

University of South Carolina, Columbia, South Carolina

Department of Communication Sciences and Disorders
Doctor of Philosophy in Speech Language Pathology 2005
Dissertation: “*Laryngeal Assessment Utilizing High-Speed
Videoendoscopy: A Study of Normophonic Speakers*”
Mentor: Dimitar D. Deliyski, Ph.D.

University of Central Florida, Orlando, Florida

Department of Communication Disorders
Master of Arts in Communication Disorders 2002
Thesis: “*Voice Onset Time in Persons with Dysphagia*”
Mentor: Jack Ryalls, Ph.D.

University of Central Florida, Orlando, Florida

Department of Communication Disorders
Bachelor of Arts in Communication Disorders 1999

LEADERSHIP ROLES

Director of the Doctoral Program

Department of Communication Sciences and Disorders
Arnold School of Public Health
University of South Carolina
Columbia, SC September 2023 - present

Director of the Swallowing and Voice Observation & Research (SAVOR) Lab

Department of Communication Sciences and Disorders
Arnold School of Public Health
University of South Carolina
Columbia, SC September 2023 - present

Director of Strategic Planning

Department of Rehabilitation Medicine

School of Medicine

Emory University

Atlanta, GA July 2022-August 2023

Director of the Communication and Swallowing Lab

Department of Rehabilitation Medicine

School of Medicine

Emory University

Atlanta, GA July 2022-August 2023

Division Director for Speech-Language Pathology

Department of Rehabilitation Sciences

College of Health Professions

Medical University of South Carolina

Charleston, SC July 2019-June 2022

Major Roles/Accomplishments:

- Develop a 10-year strategic plan for the division including program expansion.
- Partner with other Divisions within the Department (OT & PT) and the hospital authority to design, propose, and open the Neurorehabilitation Institute (NRI). The NRI is an inter-professional clinical, research, and educational institute focused on neurorehabilitation including SLP, OT, and PT.
- Collaborate with other departments and divisions within and outside of the college on strategic initiatives.
- Maintain a strong, synergistic relationship with the clinical SLP department (Medical University Hospital Authority) and other related departments (ENT, Pediatrics, Audiology, etc.).

Program Director of the Master of Science in Speech-Language Pathology Program

Department of Rehabilitation Sciences

College of Health Professions

Medical University of South Carolina

Charleston, SC July 2019-June 2022

Major Roles/Accomplishments:

- Developed strategic plan and 7-year budget for the new program
- Attained support for the new program from college, university, and state stakeholders
- Led national accreditation
- Led 4 faculty hires and 1 staff hire
- Responsible for a program budget of >2M
- Oversight of program marketing to students and clinical rotation sites
- Responsible for all division/program activities

Director / Co-Director of the Health and Rehabilitation Sciences Doctoral Program

Department of Health Sciences and Rehabilitation

College of Health Professions

Medical University of South Carolina
Charleston, South Carolina August 2016-June 2022

Major Roles/Accomplishments:

- Continuous evaluation and revision of curriculum to meet student needs and external standards
- Oversee program budget and student funding
- Maintain collaborative relationships with other doctoral programs and training initiatives
- Responsible for all program activities and strategic planning

Medical Director for Speech-Language Pathology

Medical University Hospital Authority
Charleston, South Carolina August 2016-June 2022

Major Roles/Accomplishments:

- Responsible for patient outcomes and satisfaction
- Responsible for service line productivity and value
- Lead Speech-Language Pathology Rounds
- Direct clinical protocol development and revisions
- Represent Speech-Language Pathology at health system-level meetings
- Oversee all clinical research activities and quality improvement projects
- Liaison between university and health system

Co-Director of Translational Workforce Development (TWD)

South Carolina Clinical & Translational Research Institute (SCTR), a CTSA
Charleston, South Carolina April 2020-June 2022

Major Roles/Accomplishments:

- Integral member of the strategic planning team for the TWD component of the CTSA
- Lead efforts for annual university-wide Mentorship Symposium and Mentor Training Courses
- Conducted a university-wide survey of research-related training needs
- Support the development of a diverse workforce
- Provide numerous trainings for faculty and staff

Director of the Voice and Swallowing Lab

College of Health Professions
Medical University of South Carolina
Charleston, South Carolina September 2009-June 2022

Major Roles/Accomplishments:

- Continue to secure NIH support to fund the lab's research goals
- Oversee post-docs, doctoral students, residents, and research staff
- Responsible for lab budget
- Develop and maintain lab strategic plan
- Promote lab's work locally and nationally/internationally

FACULTY POSITIONS

University of South Carolina, Columbia, South Carolina

Arnold School of Public Health
Department of Communication Sciences and Disorders
Professor, Tenured *September 2023 - present*

Emory University, Atlanta, Georgia

School of Medicine
Department of Rehabilitation Medicine
Professor, Tenured *July 2022-August 2023*

Medical University of South Carolina, Charleston, South Carolina

College of Health Professions
Department of Health Sciences and Research
Professor, Tenured *July 2020 – June 2022*

Medical University of South Carolina, Charleston, South Carolina

College of Health Professions
Department of Health Sciences and Research
Associate Professor, tenure track *July 2013 – July 2020*

Medical University of South Carolina, Charleston, South Carolina

College of Medicine
Department of Otolaryngology-Head and Neck Surgery
Adjunct *March 2012 – June 2022*

Medical University of South Carolina, Charleston, South Carolina

College of Health Professions
Department of Health Sciences and Research
Assistant Professor, tenure track *July 2011 – June 2013*

Medical University of South Carolina, Charleston, South Carolina

College of Health Professions
Department of Health Sciences and Research
Assistant Professor, non-tenure track *Sept. 2009 – June 2011*

University of South Carolina, Columbia, South Carolina

Arnold School of Public Health
Department of Communication Sciences and Disorders
Centenary Plan Research Assistant Professor *Aug. 2006 – Aug. 2009*

University of South Carolina, Columbia, South Carolina

Arnold School of Public Health
Department of Communication Sciences and Disorders
Post-Doctoral Fellow *Aug. 2005 – July 2006*

AWARDS

- 2022 ASHA Fellow, American Speech-Language and Hearing Association, presented at ASHA National Convention, November 2022, New Orleans, LA.
- 2019 Editor's Award, American Journal of Speech-Language Pathology for "Relationships Between Radiation Exposure Dose, Time, and Projection in Videofluoroscopic Swallowing Studies".
- 2015 Distinguished Alumni Award, Arnold School of Public Health, University of South Carolina.
- 2012 Award of Achievement, 2nd Place Scientific Abstract: Poster Presentation for "Clinical implications of pulse rate on perception of swallowing components from the MBSIMP". Awarded at the 20th Annual Dysphagia Research Society Meeting, March 10, 2012, Toronto, Ontario, Canada.
- 2011 Developing Scholar Award, College of Health Professions, Medical University of South Carolina.
- 2010 Manuel Garcia Prize, presented at the 28th IALP World Congress August 22, 2010.
- First Annual Sataloff Young Investigator Award, presented at the Voice Foundation Symposium, June 3-7, 2009.
- Lessons for Success ASHA/NIH workshop award, April 30-May 2, 2009.
- Early Career Contributions in Research Award, American Speech-Language and Hearing Association, presented at ASHA National Convention, November 22, 2008, Chicago, IL.
- Centenary Plan Award, University of South Carolina, August 2006-August 2009.
- New Investigators Research Forum Award, The Voice Foundation, Philadelphia, Pennsylvania. "An Investigation of the Impact of Mucus and Mucus Clearing Behaviors", 2005.
- College of Health and Public Affairs Outstanding Student Award, University of Central Florida, 2002.

RESEARCH GRANTS

Current

NIH/NIDDK (R01DK122975, PI Bonilha)

Excess radiation exposure in infants and children from videofluoroscopic swallow studies

This is a research proposal in the area of digestive disease with a goal of quantifying the excess radiation exposure and associated cancer risks from Videofluoroscopic Swallow Studies of infants and children with suspected or confirmed swallowing impairment. This proposal will also determine the impact of fluoroscopy pulse rates of 15pps or less on diagnostic accuracy of these exams.

Dates: September 1, 2019 – February 28, 2026

Role: Principal Investigator

NIH/NINDS (R01NS136383, PI Wilmskoetter)

Brain networks supporting oral and pharyngeal swallow function after stroke

This is a research proposal to identify the brain regions that support the oral and pharyngeal phases of swallowing, which could ultimately improve our ability to develop interventions and enhance patient outcomes.

Dates: February 15, 2025 – February 14, 2030

Role: Site Principal Investigator

Past Awarded

NIH/NIDCD (2R01DC009029-13, MPIs Eddins, Shrivastav – USF; site PI Bonilha)

A comprehensive psychoacoustic approach to voice quality perception

The goal of this study is to develop a comprehensive three-dimensional (3D) clinical voice quality (VQ) scale that will allow clinicians to represent perceived breathiness, roughness, and strain, in standard perceptual units, for any dysphonic voice and any type of utterance while achieving the ideal psychometric properties.

Dates: March 1, 2021 – September 1, 2023

Role: Site Principal Investigator

NIH/NCATS (2U54TR001450-06 Brady & Flume, MPI)

South Carolina Clinical & Translational Research Institute (SCTR)

Dates: April 1, 2020 – March 32, 2025

Role: Co-Director of Translational Workforce Development

NIH/NIDCD (2R01DC009029-07, MPI Shrivastav/Eddins)

A psychoacoustic approach to dysphonic voice quality perception

Dates: July 1, 2013 - June 30, 2020

Role: Site Principal Investigator

NIH/NIDDK (R01DK098222, PI Bonilha)

Impact of pulse rate on swallowing impairment assessment and radiation exposure

Dates: August 1, 2013 - July 31, 2019

Role: Principal Investigator

Center on Aging, MUSC (Pilot Grant, PI Bonilha)

Respiratory muscle strength training in presbyphonia

Dates: July 1, 2018 - June 30, 2019

Role: Principal Investigator

National Institutes of Health/COBRE (COBRE Discovery Grant, PI Bonilha)

Role of the insular cortex in swallowing impairment and recovery after stroke

Dates: May 1, 2016 - April 30, 2019

Role: Principal Investigator

South Carolina Clinical & Translational Research Institute (MUSC's CTSA) (KL2, PI Bonilha)

Standardizing laryngeal endoscopy

Dates: October 15, 2010 - March 31, 2013

Role: Principal Investigator

NIH/NIDCD (R03DC008403, PI Bonilha)
Throat clearing, coughing, and alternative behaviors
Dates: January 1, 2008 - December 31, 2012
Role: Principal Investigator

NIH/NIDCD (ARRA Supplement, PI Bonilha)
Supplement for *Throat clearing, coughing, and alternative behaviors*
Role: Principal Investigator

South Carolina Clinical & Translational Research Institute (MUSC's CTSA) (Pilot Project, PI Bonilha)
Impact of acute stroke brain lesion and swallowing impairment on short-term swallowing Outcomes
Dates: November 1, 2010 - October 31, 2011
Role: Principal Investigator

NIH/NIDCD (R01DC007640, PI Deliyiski)
Efficacy of Laryngeal High-Speed Videoendoscopy
Dates: February 1, 2007 - January 31, 2012
Role: Co-Investigator

University of South Carolina Research Foundation (R&PS Grant, PI Deliyiski)
Establishing Normative Data for Quantitative Assessment of Laryngeal Function via High-Speed Videoendoscopy
Dates: 2004-2005
Role: Graduate Assistant

PEER-REVIEWED ARTICLES

* indicates student

H-Index: 32

- 1) Anand, S., Park, Y., Awan, S.N., **Bonilha, H.S.**, Shrivastav, R., & Eddins, D.A. (accepted, in press). Validation of novel clinical scales for perceptual evaluation of vocal breathiness and roughness. *Journal of Speech, Language, Hearing Research*.
- 2) Hong, I., & **Bonilha, H. S.** (in press). Population-level analysis of dysphagia recovery: Influence of rehabilitation. *Journal of the Korean Dysphagia Society*.
- 3) Reviel, S., & Bonilha, H. S. (2025, online). Are we using a multidimensional voice evaluation in patients with early-stage laryngeal cancer? A Systematic Review. *Journal of voice : official journal of the Voice Foundation*, S0892-1997(25)00444-8.
<https://doi.org/10.1016/j.jvoice.2025.10.023>
- 4) Horn, J., Simpson, K. N., Simpson, A. N., Bonilha, L. F., & Bonilha, H. S. (2025, online). An exploratory classification framework for poststroke dysphagia severity using administrative

data: Administrative Data Dysphagia Severity Scale. *American journal of speech-language pathology*, 1–11. https://doi.org/10.1044/2025_AJSLP-24-00313

- 5) Awan, S.N., Awan, J.A., **Bonilha, H.S.**, Gillespie, A., McKenna, V., Chen, J., & Eddins, D.A. (2025, online). Using a Vortex Whistle System to estimate phonatory airflow via the Phonation Quotient. *Journal of Voice*.
- 6) Wessell, J.E.* , Reedy, E., Horn, J., **Bonilha, H.S.** (2025). Practice patterns related to dysphagia after anterior cervical spine surgery: a single center retrospective review. A single center retrospective review. *American Journal of Speech-Language Pathology*. Accepted.
- 7) Reedy, E.* , O'Rourke, A., Simpson, A., **Bonilha, H.** (2025). Impressions of esophageal clearance under tow conditions during the Modified Barium Swallow Study: a pilot study. *Foregut*. 10.1177/26345161251335325
- 8) Barnes, C.* , Simpson, K. N., Wilmskoetter, J., McGhee, H.* , Nichols, K., & **Bonilha, H. S.** (2025). Qualitative analysis of therapist documentation of assessments of orally feeding infants who require noninvasive respiratory support. *American Journal of Speech-Language Pathology*, 34(2), 446–457.
- 9) **Bonilha, H. S.**, Ma, T., Prabhakaran, S., Bhadsavle, L. J., Belagaje, S. R., Blanke, D., Henriquez, L., Starnes, D., Christopher, H., Cabral, J., Walczak, T., & Nahab, F. (2025). The impact of social determinants of health on stroke rehabilitation service utilization measured during acute stroke hospitalization. *Topics in Stroke Rehabilitation*, 1–8. Advance online publication.
- 10) Barnes, C. K.* , Simpson, K. N., Wilmskoetter, J., Dooley, M., & **Bonilha, H. S.** (2025). Feeding infants on noninvasive respiratory support: practice at one academic medical center. *American Journal of Speech-Language Pathology*, 34(2), 617–632.
- 11) Wilmskoetter, J., **Bonilha, H.**, Wolf, B. J., Tracy, E., Chang, A., Martin-Harris, B., Anne Holmstedt, C., & Bonilha, L. (2024). Cerebral small vessel disease is an independent determinant of dysphagia after acute stroke. *NeuroImage: Clinical*, 44, 103710.
- 12) Yoo, S.* , **Bonilha, H.S.**, & Hong, I. (2024). Association between dysphagia and depressive symptoms: propensity score matching approaches. *Dysphagia*, 10.1007/s00455-024-10770-7.
- 13) Lee, H.K.* , **Bonilha, H.S.**, & Hong, I. (2024). Relationship between voice problems and depression among adults in the United States in 2022. *Otolaryngology – Head and Neck Surgery*, 171(6), 1798–1807.
- 14) Horn, J.* , Simpson, K.N., Simpson, A.N., Bonilha, L.F., & **Bonilha, H.S.** (2024). The relationship between poststroke dysphagia and poststroke depression and its risk factors. *American Journal of Speech-Language Pathology*, 33(5): 2487-2499.

- 15) Hong, I., Bae, S., Lee, H.K., & **Bonilha, H. S.** (2024). Prevalence of dysphonia and dysphagia among adults in the United States in 2012 and 2022. *American Journal of Speech-Language Pathology*, 33(4): 1868-1879.
- 16) **Bonilha, H.S.**, Reedy, E., Wilmskoetter, J., Nietert, P.J., Martin-Harris, B. (2024). Impact of reducing fluoroscopy pulse rate on adult Modified Barium Swallow Studies. *Dysphagia*. 39(4): 632-641.
- 17) Barnes, C.* , Herbert, T.L., **Bonilha, H.S.** (2023). Parameters for orally feeding neonates who require noninvasive ventilation: a systematic review. *American Journal of Speech-Language Pathology*, 32(4): 1714-1733.
- 18) Reedy, E.L.* , Simpson, K., Simpson, A.N., **Bonilha, H.S.** (2023). Characterizing swallowing impairment in a post-lung transplant population. *American Journal of Speech-Language Pathology*, 32(3):1236-1251.
- 19) Ingleby, H.R., **Bonilha, H.S.**, Steele, C.M. (2023). A tutorial on diagnostic benefit and radiation risk in videofluoroscopic swallowing studies. *Dysphagia*, 38(2): 517-542.
- 20) Hazelwood, R.J.* , Armeson, K.E., Hill, E.G., **Bonilha, H.S.**, Martin-Harris, B. (2023). Relating swallowing physiology, functional swallowing ability, and patient-reported swallow-specific quality of life in a Veteran population. *Dysphagia*, 38(4): 1106-1116.
- 21) **Bonilha, H.S.**, Canon, C.L., O'Rourke, A., Tipnis, S., Martin-Harris, B. (2023). Stakeholder perspectives on radiation use and interdisciplinary collaboration in adult Modified Barium Swallow Studies. *Dysphagia*, 38(2): 23-32. *Invited
- 22) Reedy, E.L.* , Simpson, A.N., O'Rourke, A.K., Khalaf, M.H., **Bonilha, H.S.** (2022). Abnormal esophageal clearance identified during MBSS in acute post-stroke cohort. *American Journal of Speech-Language Pathology*, 31(6): 2643-2662.
- 23) Horn, J.* , Simpson, A.N., O'Rourke, A.K., Khalaf, M.H., **Bonilha, H.S.** (2022). Incidence of poststroke depression in patients with poststroke dysphagia. *American Journal of Speech-Language Pathology*, 31(4): 1836-1844.
- 24) Vatinno, A.A.* , Simpson, A., Ramakrishnan, V., **Bonilha, H.S.**, Bonilha, L., Seo, N.J. (2022). The prognostic utility of EEG in stroke recovery: a systematic review and meta-analysis. *Neurorehabilitation and Neural Repair*, 36(4-5): 255-268.
- 25) Berini, C.* , **Bonilha, H.S.**, Simpson, A. (2021) Impact of community health workers on access to care for rural populations in the United States: a systematic review. *Journal of Community Health*, 47(3): 539-553.
- 26) Rhorden, P.* , **Bonilha, H.S.**, Harvey, J. (2021). Patient satisfaction of telemedicine remote patient monitoring (RPM): A systematic review. *Telemedicine and e-Health*, 28(9): 1332-1341.

- 27) Loucks, T., Harvey, J., Lee-Chavarria, D., Paranal, R., Lenert, K., **Bonilha, H.S.**, Feghali-Bostwick, C. (2021) Clinical and translational research workforce education survey identifies needs of faculty and staff. *Journal of Clinical Translational Science*, 6(1), E8.
- 28) Couch, C.*, Tomlinson, S., Mallah, K., Borucki, D., **Bonilha, H.** (2021). State of the science in inflammation and stroke recovery: a systematic review. *Annals of Physical and Rehabilitation Medicine*, 65(2): 101546.
- 29) Hart, E.*, Grattan, E., Woodbury, M., Herbert, T., Coker-Bolt-P., **Bonilha, H.S.** (2021). Pediatric unilateral spatial neglect: a systematic review. *Journal of Pediatric Rehabilitation Medicine*, 14(3): 345-359.
- 30) Tipnis, S.V., Huda, W., Wilmskoetter, J.*, Martin-Harris, B., **Bonilha, H.S.** (2021). Radiation effective doses to adults undergoing Modified Barium Swallow Studies. *Dysphagia*, 37(2): 399-406.
- 31) Reedy, E.L.*, Herbert, T.L., **Bonilha, H.S.** (2021). Visualizing the esophagus during modified barium swallow studies: a systematic review. *American Journal of Speech-Language Pathology*, 30(2): 761-771.
- 32) Martin-Harris, B., **Bonilha, H.S.**, Brodsky, M.B., Francis, D.O., Fynes, M.M., Martino, R., (2021). The Modified Barium Swallow Study (MBSS) for oropharyngeal dysphagia recommendations from an interdisciplinary expert panel. *Perspectives, SIG13 Swallowing and Swallowing Disorders*, 6(3): 610-619.
- 33) Desjardins, M.*, Halstead, L., Simpson, A., Flume, P., **Bonilha, H.S.** (2020). Voice and respiratory characteristics of men and women seeking treatment for presbyphonia. *Journal of Voice*, 36(5): 673-684.
- 34) **Bonilha, H.S.**, Martin-Harris, B., O'Rourke, A., Tipnis, S.V. (2020). Radiation exposure in modified barium swallow studies. *Curr Opin Otolaryngology Head Neck Surg*, 28(6): 371-375. *Invited
- 35) DeJardins, M.*, Halstead, L., Simpson, A., Flume, P., **Bonilha, H.S.** (2020). Respiratory muscle strength training to improve vocal function in patients with presbyphonia. *Journal of Voice*. 36(3): 344-360.
- 36) Martin-Harris, B., Canon, C.L., **Bonilha, H.S.**, Murray, J., Davidson, K., Lefton-Greif, M.A. (2020). Best practices in Modified Barium Swallow Studies. *American Journal of Speech-Language Pathology*, 29(2S): 1078-1093. *Invited
- 37) Martin-Harris, B., **Bonilha, H.S.**, Suiter, D. (2020). Introduction to the special issue: select papers from the 2018 Charleston Swallowing Conference at Northwestern University. *American Journal of Speech-Language Pathology*, 29(2S): 917-918. *Invited
- 38) DeJardins, M.*, Halstead, L., Simpson, A., Flume, P., **Bonilha, H.S.** (2020). The impact of respiratory function on voice patients with presbyphonia. *Journal of Voice*, 36(2): 256-271.

- 39) Parsotam, H., Warren-Forward, H., Shields, M., McNulty, J., Shaw **Bonilha, H.**, O'Toole, C., Mathisen, B., Unicomb, R., Hearne, A., Pownall, S. (2020). Are radiographers an influencing factor in the radiation protection practices of speech-language therapists performing videofluoroscopic swallowing studies? *Radiography*, 26(4): e229-e237.
- 40) Cartmell, K.* , **Bonilha, H.S.**, Simpson, K.N., Ford, M.E., Bryant, D. C., Alberg, A.J. (2020). Patient barriers to cancer clinical trial participation and navigator activities to assist. *Advances in Cancer Research*, 146: 139-166.
- 41) **Bonilha, H.S.**, Hyer, M., Krug, E., Mauldin, M., Edlund, B., Martin-Harris, B., Halushka, P., McGinty, J., Sullivan, J., Brady, K., Ranwala, D., Hermayer, K., Harvey, J., Paranal, R., Gough, J., Silvestri, G., Chimowitz, M. (2019). An institution-wide faculty mentoring program at an academic health center with 6-year prospective outcome data. *Journal of Clinical and Translational Science*, 3(6): 308-315.
- 42) Wilmskoetter, J.* , Bonilha, L., Martin-Harris, B., Elm, J., Cucciare, J.* **Bonilha, H.S.** (2019). Factors influencing oral intake improvement and feeding tube dependency in patients with post-stroke dysphagia. *Journal of Stroke and Cerebrovascular Disorders*, 28(6): 1421-1430.
- 43) **Bonilha, H.S.**, Wilmskoetter, J.* , Tipnis, S.V., Martin-Harris, B., Huda, W. (2019). Relationships between Dose Area Product, radiation exposure time and projection in adult Modified Barium Swallow Studies. *American Journal of Speech-Language Pathology*, 28(3): 1053-1059.
- 44) Desjardins, M.* , **Bonilha, H.S.** (2019). The impact of respiratory exercises on voice outcomes: a systematic review of the literature. *Journal of Voice*, 34(4):648.e1-648.e39. doi: 10.1016/j.jvoice.2019.01.011.
- 45) Wilmskoetter, J.* , Bonilha, L., Martin-Harris, B., Elm, J., Cucciare, J. **Bonilha, H.S.** (2019). Mapping acute lesion locations to physiological swallow impairments after stroke. *Neuroimage Clinical*, 22: 101685.
- 46) **Bonilha, H.S.**, Huda, W., Wilmskoetter, J., Martin-Harris, B., Tipnis, S.V. (2019). Radiation risks to adult patients undergoing Modified Barium Swallow Studies. *Dysphagia*, 34(6): 922-929.
- 47) **Bonilha, H.S.**, Wilmskoetter, J*., Tipnis, S.V., Martin-Harris, B., Huda, W. (2018). Estimating thyroid doses in Modified Barium Swallow Studies. *Health Physics*, 115(3): 360-368.
- 48) Wilmskoetter, J.* , Martin-Harris, B., Pearson, W.G., Bonilha, L., Elm, J., Cucciare, J. **Bonilha, H.S.** (2018). Differences in swallow physiology in patients with left and right unilateral ischemic strokes. *Physiology & Behavior*, 194: 144-152.
- 49) Wilmskoetter, J.* , Simpson, A.N., Logan, S., Simpson, K.N., **Bonilha, H.S.** (2018). Impact of gastrostomy feeding tube placement on the one-year trajectory of care in working age, privately insured patients after stroke. *Nutrition in Clinical Practice*, 33(4): 553-566.

- 50) **Bonilha, H.S.**, Desjardins, M.*, Focht, K.*, Martin-Harris, B. (2018). Parameters and scales used to assess and report findings from stroboscopy: a systematic review. *Journal of Voice*, 32(6): 734-755.
- 51) Li, C-Y.*, Romero, S., Simpson, A.N., **Bonilha, H.S.**, Simpson, K.N., Hong, I.*, Velozo, C.A. (2018). FIM - Minimum Data Set motor item bank: short-forms development and precision comparison in Veterans. *Archives of Physical Medicine and Rehabilitation*, 99(3): 534-541.
- 52) Li, C-Y.*, Romero, S., **Bonilha, H.S.**, Simpson, K.N., Simpson, A.N., Hong, I.*, Velozo, C.A. (2018). Linking existing instruments to develop an activity of daily living item bank. *Evaluation and the Health Professions*, 41(1): 25-43.
- 53) Wilmskoetter, J.*, **Bonilha, H.**, Hong, I.*, Hazelwood, R.J.*, Martin-Harris, B., Velozo, C. (2017). Construct validity of the Eating Assessment Tool (EAT-10). *Disability and Rehabilitation*, 9: 1-11.
- 54) Simpson, A.N., Wilmskoetter, J.*, Hong, I.*, Chih-Ying, C.*, Jauch, E.C., **Bonilha, H.S.**, Anderson, K., Simpson, K.N. (2017). Stroke Administrative Severity Index: using administrative data for 30-day post-stroke outcomes prediction. *Journal of Comparative Effectiveness Research*, 7(4): 293-304.
- 55) Li, C. Y.*, Romero, R., Simpson, K., Simpson, A., **Bonilha, H.**, Hong, I.*, & Velozo, C. (2017). Linking existing instruments to develop a continuum of care measure: accuracy comparison using functional related group classification. *Journal of Quality of Life Research*, 26(9): 2563-2572.
- 56) Hazelwood, J.*, Armeson, K.E., Hill, E.G., **Bonilha, H.S.**, Martin-Harris, B. (2017). Identification of swallowing tasks to optimize the detection of physiologic impairment during MBSS. *Journal of Speech, Language, Hearing Research*, 60(7): 1855-1863.
- 57) **Bonilha, H.S.**, Wilmskoetter, J.*, Martin-Harris, B., Tipnis, S.V., Huda, W. (2017). Effective dose per unit kerma area product conversion factors in adults undergoing Modified Barium Swallow Studies. *Radiation Protection Dosimetry*, 16: 1-9.
- 58) Desjardins, M.*, Halstead, L., Cooke, M., **Bonilha, H.S.** (2017). A systematic review of voice therapy: What “effectiveness” really implies. *Journal of Voice*, 31(3): 392.e13-392.e32.
- 59) Hong, I.*, **Bonilha, H.S.** (2017). Psychometric properties of upper extremity outcome measures validated by item response theory: a systematic review. *International Journal of Rehabilitation Research*, 40(1): 1-10.
- 60) **Bonilha, H. S.**, Dawson, A.E., McGrattan, K.E.*, Gerlach, T.T., Sutton, L.E., Niertert, P., Deliyski, D.D. (2017). Efficacy of six tasks to clear laryngeal mucus aggregation. *Journal of Voice*, 31(2): 254.e11-254.e15.

- 61) Wilmskoetter, J.*, Herbert, T.L., **Bonilha, H.S.** (2017). Factors associated with gastrostomy tube removal in patients with dysphagia after stroke. *Nutrition in Clinical Practice*, 32(2): 166-174.
- 62) Wilmskoetter, J.*, Simpson, A.N., Simpson, K.N., **Bonilha, H.S.** (2016). Practice patterns of Percutaneous Endoscopic Gastrostomy tube placement in acute stroke: are the guidelines achievable? *Journal of Stroke and Cerebrovascular Disorders*, 25(11): 2694-2700.
- 63) Wilmskoetter, J.*, Simpson, K.N., **Bonilha, H.S.** (2016). Hospital readmissions of stroke patients with percutaneous endoscopic gastrostomy feeding tubes. *Journal of Stroke and Cerebrovascular Disorders*, 25(10): 2535-42.
- 64) Cartmell, K.*, **Bonilha, H.S.**, Matson, T., Bryant, D. C., Zapka, J., Bentz, T.A., Ford, M.E., Hughes Halbert, C., Simpson, K.N., Alberg, A.J. (2016). Patient participation in cancer clinical trials: a pilot test of lay navigation. *Contemporary Clinical Trials Communications*, 3: 86-93.
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BOOKS AND BOOK CHAPTERS

Bonilha, H.S. Desjardins, M. (2025). Inspiratory Muscle Strength Training to augment voice therapy for a patient with presbyphonia. In *Voice Therapy: Clinical Case Studies*. Sixth Edition. Stemple, J., Hapner, E., Timmons Sund, L. (Eds.) San Diego, CA: Plural Publishing, Inc.

Bonilha, H.S. Desjardins, M. (Eds.) (2020). *Voice Perception: The Speaker's Experience*. New York, NY: Elsevier.

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Bonilha, H.S. (2010). Normal vocal fold vibratory amplitude and mucosal wave. In *Laryngeal Evaluation: Indirect Laryngoscopy to High-Speed Digital Imaging*. K. Kendall and R Leonard, (Eds.) New York, NY: Thieme Medical Publishers, Inc.

RESEARCH PRESENTATIONS IN PROCEEDINGS AND ABSTRACTS

* indicates student/mentee

- 1) **Bonilha, H.S.**, Krekeler, B., Wilmskoetter, J., Reedy, E. Acute care dysphagia: evidence to guide evaluation and management. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 2) Dodrill, P., Gosa, M., **Bonilha, H.S.** Adocating for best practice: evidence-based considerations when performing infant VFSS. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 3) Barnes, C., Wilmskoetter, J., Dooley, M., **Bonilha, H.S.** Feeding infants on noninvasive respiratory support: a retrospective study. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 4) Wilmskoetter, J., Bonilha, L., **Bonilha, H.S.** An SLP guide to using information from brain imaging for the management of stroke dysphagia. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 5) Reedy, E., **Bonilha, H.S.** Re-framing the clinical swallowing evaluation as an assessment of risk - implementation and one-year follow-up. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 6) Reviel, S.*, **Bonilha, H.S.** Voice outcomes after radiation treatment in early-stage laryngeal cancer: a systematic review. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 7) Dodrill, P., Gibson, K., Erdei, C., Warren, W., Christou, H., **Bonilha, H.S.** Radiation in the NICU: comparing the use of VFSS with other sources of ionizing radiation. American Speech-Language-Hearing Association Annual Convention, November 2025.
- 8) Reviel, S.*, **Bonilha, H.S.** Voice outcomes after radiotherapy for early-stage laryngeal cancer: a systematic review. Fall Voice, September 2025.

- 9) Kephart, W.* , Friedman, L., **Bonilha, H.S.**, Klusek, J. Acoustic measures of vocal quality as early biomarkers of disease progression in women with the FMR1 premutation. Fall Voice, September 2025.
- 10) Wilmskoetter, J., **Bonilha, H.S.**, Blackwood, K.* , Bonilha, L. Neuroanatomical correlates of oral and pharyngeal swallowing impairments after acute stroke. Dysphagia Research Society Annual Meeting, March 2024.
- 11) Barnes, C.* , **Bonilha, H.S.** Feeding characteristics of hospitalized infants who required noninvasive ventilation. Dysphagia Research Society Annual Meeting, March 2024.
- 12) McGhee, H.* , Nichols, K., Cribb, A.* , Badran, B.W., George, M.S., Brennan, A., **Bonilha, H.S.**, Jenkins, D.D. Safety indicators of the acute effects of transcutaneous auricular vagus nerve stimulation on airway protection in infants. Dysphagia Research Society Annual Meeting, March 2024.
- 13) **Bonilha, H.S.**, Ma, T., Prabhakaran, S., Bhadsavle, L.J., Belagaje, S.R., Blanke, D., Henriquez, L., Starnes, D., Christopher, H., Cabral, J., Walczak, T., Nahab, F. The impact of social influences of health on stroke rehabilitation services utilization measured during acute stroke hospitalization. International Stroke Conference, February 2024.
- 14) Bhadsavle, L.J., Ido, M.S., Bayakly, R., **Bonilha, H.S.**, Belagaje, S.R., Blanke, D., Henriquez, L., Starnes, D., Christopher, H., Cabral, J., Walczak, T., Nahab, F. Patient-related factors and social determinants of health associated with discharge to home following acute ischemic stroke: findings from the Get With the Guidelines stroke registry. International Stroke Conference, February 2024.
- 15) Wilmskoetter, J., **Bonilha, H.S.**, Blackwood, K.* , Bonilha, L. Age-related neuroanatomical substrates contribute to dysphagia after stroke. American Speech-Language-Hearing Association Annual Convention, November 2023.
- 16) Ferraro, L.* , **Bonilha, H.S.**, Corner, D., Hagan, H. Utilizing a 2:1 collaborative learning model in acute care rotations for first semester graduate students. American Speech-Language-Hearing Association Annual Convention, November 2023.
- 17) Reedy, E.L.* , **Bonilha, H.S.**, Simpson, A.N., O'Rourke, A.K., Khalaf, M.H., Pandolfino, J.E., Martin-Harris, B. Esophageal clearance issues prevalent on post-lung transplant Modified Barium Swallow Studies: a pilot study. International Society for Heart and Lung Transplant Annual Conference, April 2023.
- 18) Reedy, E.L.* , Pandolfino, J.E., **Bonilha, H.S.**, Graham, K.J., Martin-Harris, B. Swallowing Impairment Post-Lung Transplantation: A Systematic Review. Dysphagia Research Society Annual Meeting, March 2023.
- 19) Wilmskoetter, J.* , **Bonilha, H.S.**, Martin-Harris, B., Blackwood, K., Chang, A., Bonilha, L. Brain atrophy predicts swallow physiological impairments after acute stroke. Dysphagia Research Society, March 2023.

- 20) McGhee, H.C.* , Nichols, K., Cribb, A., Badran, B.W., George, M.S., Brennan, A., **Bonilha, H.S.**, Jenkins, D.D. Early indices of safety related to the effects of transcutaneous auricular Vagal Nerve Stimulation (taVNS) on oropharyngeal swallowing components in bottle fed infants. Dysphagia Research Society, March 2023.
- 21) Cribb, A.R.* , Moss, H.G., McGhee, H.C.* , Nichols, K., **Bonilha, H.S.**, Jensen, J.H., Brennan, A., Badran, B.W., George, M.S., Jenkins, D.D. Transcutaneous auricular vagus nerve stimulation-paired feeding may enhance white matter track integrity to improve swallow coordination in infants with oromotor dysfunction. International Brain Stimulation Conference, February 2023.
- 22) McGhee, H.C.* , Nichols, K., Cribb, A.* , Badran, B.W., George, M.S., Brennan, A., **Bonilha, H.S.**, Jenkins, D. Early indices of safety related to the effects of transcutaneous auricular vagus nerve stimulation on oropharyngeal swallowing in infants. International Brain Stimulation Conference, February 2023.
- 23) Reedy, E.* , Martin-Harris, B., O'Rourke, A., Simpson, A., **Bonilha, H.S.** Characterizing swallowing impairment in a post-lung transplant cohort. American Speech-Language-Hearing Association Annual Convention, November 2022.
- 24) **Bonilha, H.S.***, Ferraro, L.* , Hopkins-Rossabi, T.* , Wilmskoetter, J.* , Horvath, S.* An innovative educational model: building a program on educational research and interprofessional clinical education practices. American Speech-Language-Hearing Association Annual Convention, November 2022.
- 25) Reedy, E.* , O'Rourke, A., Simpson, A., **Bonilha, H.S.** Abnormal esophageal clearance in two cohorts: post-stroke and post-lung transplant. Dysphagia Research Society, March 2022.
- 26) Horn, J.* , Simpson, A., Bonilha, L., **Bonilha, H.S.** Development of the Administrative Data Dysphagia Severity Scale (ADDSS). Dysphagia Research Society, March 2022.
- 27) Horn, J.* , Simpson, A., Bonilha, L., **Bonilha, H.S.** The relationship between post-stroke dysphagia and post-stroke depression. Dysphagia Research Society, March 2022.
- 28) Hart, E.* , Grattan, E., Woodbury, M., Herbert, T., Coker-Bolt-P., **Bonilha, H.S.** Pediatric unilateral spatial neglect: a systematic review. AOTA Children & Youth Specialty Conference, December 2021.
- 29) **Bonilha, H.S.**, Reedy, E.* , Wilmskoetter, J.* , Nietert, P., Martin-Harris, B. Impact of reducing fluoroscopic pulse rate on adult Modified Barium Swallow Studies. American Speech-Language-Hearing Association Annual Convention, November 2021.
- 30) **Bonilha, H.S.**, Reedy, E.* , Wilmskoetter, J.* , Nietert, P., Martin-Harris, B. Impact of reducing fluoroscopic pulse rate on adult Modified Barium Swallow Studies. Dysphagia Research Society, Online due to COVID-19, March 2021.

- 31) Rhoden, P.A.*, Harvey, J., **Bonilha, H.** Patient satisfaction of telemedicine remote patient monitoring (RPM): A systematic review. Virtual poster presentation at the SEARCH 2020 – National Telehealth Research Symposium, November 2020.
- 32) Desjardins, M.*, Halstead, L., Simpson, A., Flume, P. **Bonilha, H.** Baseline respiratory and laryngeal factors impacting response to voice therapy for presbyphonia. Pan American Vocology Association, Online due to COVID-19, August 13-16, 2020.
- 33) Desjardins, M.*, Halstead, L., Simpson, A., Flume, P. **Bonilha, H.** Respiratory muscle strength training in presbyphonia. Voice Foundation Annual Symposium, Online due to COVID-19, May 27-31, 2020.
- 34) Desjardins, M.*, Halstead, L., Simpson, A., Flume, P. **Bonilha, H.** Impact of Respiratory function on voice outcomes in patients with presbyphonia. Voice Foundation Annual Symposium, Online due to COVID-19, May 27-31, 2020.
- 35) **Bonilha, H.S.** Videofluoroscopic assessment in 2020: rigor, transparency, reproducibility, and validity. Dysphagia Research Society. San Juan, Puerto Rico, March 2020. Invited talk.
- 36) Wilmskoetter, J.*, Bonilha, L., Martin-Harris, B., Elm, J., Horn, J.* **Bonilha, H.S.** Impact of acute lesion locations on swallow physiology after stroke. American Speech-Language-Hearing Association Annual Convention. Orlando, Florida. November 2019.
- 37) **Bonilha, H.S.** Dysphagia. Fall Voice. Dallas, Texas, October 2019. Invited panel member.
- 38) **Bonilha, H.S.** Real issues with VFSS: When is it useful? When is it harmful? Dysphagia Research Society. San Diego, California, March 2019. Invited talk.
- 39) Martin-Harris, B., **Bonilha, H.S.**, Langmore, S., Reynolds, J. Short Course 21. Sponsored by SIG 13. A new era for dysphagia imaging across the lifespan. American Speech-Language-Hearing Association Annual Convention. Boston, Massachusetts, November 2018. Invited talk.
- 40) Desjardins, M.*, **Bonilha, H.S.** The impact of breathing exercises on voice outcomes: a systematic review of the literature. American Speech-Language-Hearing Association Annual Convention. Boston, Massachusetts, November 2018.
- 41) **Bonilha, H.S.**, Murray, J. Radiation safety, dose, and technical requirements for accurate assessment: standards and optimal parameters. Charleston Swallowing Conference. Chicago, Illinois, July 2018. Invited talk,
- 42) **Bonilha, H.S.**, Wilmskoetter, J*., Tipnis, S.V., Martin-Harris, B., Huda, W. Estimating thyroid doses in Modified Barium Swallow Studies. Dysphagia Research Society. Baltimore, Maryland, March 2018.
- 43) **Bonilha, H.S.**, Lefton-Greif, M.A., McGrattan, K.E.* , Tipnis, S., Huda, W., Nietert, P.J., Martin-Harris, B. Factors that influence radiation exposure time during Videofluoroscopic

Swallow Studies of bottle-fed children. Dysphagia Research Society. Baltimore, Maryland, March 2018.

- 44) **Bonilha, H.S.**, Wilmskoetter, J.* , Tipnis, S.V., Martin-Harris, B., Huda, W. Relationships between radiation dose (DAP) and radiation exposure time and projection. Dysphagia Research Society. Baltimore, Maryland, March 2018.
- 45) Wilmskoetter, J.* , Bonilha, L., Martin-Harris, B., Elm, J., Cucciare, J.* **Bonilha, H.S.** Mapping acute lesion locations to physiological swallow impairments after stroke. Dysphagia Research Society. Baltimore, Maryland, March 2018.
- 46) Hazelwood, J.* , Armeson, K.E., Hill, E.G., **Bonilha, H.S.**, Martin-Harris, B. Correlating physiologic measures & patient-reported outcome measures in swallowing. American Speech-Language-Hearing Association Annual Convention. Los Angeles, California, November 2017.
- 47) **Bonilha, H.S.**, Desjardins, M.* , Focht, K.* , Martin-Harris, B. Parameters and scales used to assess and report findings from stroboscopy: a systematic review. 46th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, May 2017.
- 48) Desjardins, M.* , Halstead, L., Cooke, M., **Bonilha, H.S.** What conclusions do outcome measures allow us to draw in voice therapy research? 46th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, May 2017.
- 49) **Bonilha, H.S.**, Wilmskoetter, J.* , Tipnis, S.V., Martin-Harris, B., Huda, W. Effective dose per unit kerma area product conversion factors in adults undergoing Modified Barium Swallow Studies. Dysphagia Research Society. Portland, Oregon, March 2017.
- 50) Wilmskoetter, J.* , Bonilha, L., Martin-Harris, B., Pearson, W.G., **Bonilha, H.S.** The relationship of deep white matter lesions and swallowing impairment after stroke: three case reports. Dysphagia Research Society. Portland, Oregon, March 2017.
- 51) Wilmskoetter, J.* , Simpson, K.N., **Bonilha, H.S.** Hospital readmissions for stroke patients with PEG feeding tubes: An analysis of HCUP SID Florida 2012. Dysphagia Research Society. Tucson, Arizona, March 2016.
- 52) Li, Chih-Ying* , Romero, S., Simpson, K., **Bonilha, H.**, Simpson, A., Hong, I.* , Velozo, C. Comparing measurement accuracy of short forms: Individual point difference and functional related group classification. AOTA Annual Conference & Expo. Chicago, Illinois, April 2016.
- 53) Li, Chih-Ying* , Romero, S., **Bonilha, H.**, Simpson, K., Simpson, A., Hong, I.* , Velozo, C. Comparing measurement accuracy of short forms: Individual point difference and functional related group classification. AOTA Annual Conference & Expo. Chicago, Illinois, April 2016.
- 54) Li, Chih-Ying* , Romero, S., Simpson, K., **Bonilha, H.**, Simpson, A., Hong, I.* , Velozo, C. Comparing measurement accuracy of short forms: Individual point difference and functional related group classification. AOTA Annual Conference & Expo. Chicago, Illinois, April 2016.

- 55) Wilmskoetter, J.* , Simpson, A.N., Simpson, K.N., **Bonilha, H.S.** Practice patterns of PEG tube placement in acute stroke patients: Are the guidelines unachievable? Dysphagia Research Society. Chicago, Illinois, March 2015.
- 56) **Bonilha, H.S.** Radiation Safety 101. Meet the Master's Symposium. Orlando, Florida, November 2014. Invited talk.
- 57) Focht, K.* , Martin-Harris, B., **Bonilha, H.S.** Rater methodology for stroboscopy: a systematic review. 43rd Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2014.
- 58) SCSHA Research Committee. Evidence-based practices in speech-language pathology. Abstracts: Convention of the South Carolina Speech-Language-Hearing Association. Charleston, South Carolina, February 2014.
- 59) Huda, W., **Bonilha, H.S.** Radiation Safety. Charleston Swallowing Conference. Charleston, South Carolina, October 2013. Invited talk.
- 60) Simpson A.N.* , **Bonilha, H.S.**, Kazley, A.S., Zoller, J.S., Ellis, C. How Big is the Difference Between Marginal Cost Versus Total Cost Estimates? The Case of Ischemic Stroke in South Carolina. International Society for Pharmacoeconomics and Outcomes Research (ISPOR) 18th Annual International Meeting. New Orleans, Louisiana, May 2013.
- 61) Simpson A.N.* , **Bonilha, H.S.**, Kazley, A.S., Zoller, J.S., Ellis, C. The Cost of Ischemic Stroke: The Superiority of Marginal over Total Cost Estimation and Its Impact on National Cost Estimates. International Stroke Conference 2013. Honolulu, Hawaii, Feb 2013.
- 62) **Bonilha, H.S.**, Scherer, R., LeBorgne, W., Brehm, S., Van Leer, E., Schneider, S. Voice lab: nuts & bolts. American Speech-Language-Hearing Association Annual Convention. Atlanta, Georgia, November 2012. Invited talk.
- 63) Focht, K* , **Bonilha, H.S.**, Martin-Harris, B. Stroboscopy to report voice treatment outcomes in patients with HNC. American Speech-Language-Hearing Association Annual Convention. Atlanta, Georgia, November 2012.
- 64) **Bonilha, H.S.** High speed imaging. Advances and Controversies in Laryngology 2012. Chicago, Illinois, August 2012. Invited talk.
- 65) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E., Dawson, A.E. Relationship of water intake with laryngeal sensation, coughing, throat clearing and mucus. 41st Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2012.
- 66) **Bonilha, H.S.**, Blair, J., Carnes, B., Martin-Harris, B. Clinical implications of pulse rate on perception of swallowing components from the MBSImP. Association for Clinical Research Training Translational Science 2012 Meeting. Washington, District of Columbia, April 2012.

- 67) **Bonilha, H.S.**, Simpson, A.N.*, Ellis, C., Mauldin, P.D., Martin-Harris, B. Simpson, K.N. 1-year cost of dysphagia post-ischemic stroke. Dysphagia Research Society. Toronto, Ontario, Canada, March 2012.
- 68) **Bonilha, H.S.**, Blair, J., Carnes, B., Michel, Y., Martin-Harris, B. Clinical implications of pulse rate on perception of swallowing components from the MBSIMP. Dysphagia Research Society. Toronto, Ontario, Canada, March 2012.
- 69) **Bonilha, H.S.**, Dawson, A.E., McGrattan, K.E.* Are improved rater reliability results associated with faster reaction times after rater training for judgments of laryngeal mucus? SPIE Medical Imaging. San Diego, California, February 2012.
- 70) **Bonilha, H.S.**, Simpson, A.N.*, Ellis, C., Mauldin, P.D., Martin-Harris, B. Simpson, K.N. 1-year cost of dysphagia post-ischemic stroke. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 71) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E., McGrattan, K.E*. Are patient reports of laryngeal mucus accurate? American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 72) Carnes, B., **Bonilha, H.**, Blair, J., Humphries, K., McGrattan, K.*, Michels, Y., Martin-Harris, B. Effect of frame rate on swallowing function judgments via MBSIMP. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 73) Humphries, K., Blair, J., **Bonilha, H.**, Carnes, B., McGrattan, K.*, Hill, E., Martin-Harris, B. Radiation exposure time during VFSS: an analysis of influencing factors. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 74) Martin-Harris, B., Hill, E., **Bonilha, H.**, McGrattan, K*. Effects of bolus variables on physiologic components of swallowing impairment. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 75) Ellis, C., Simpson, A.N.*, **Bonilha, H.S.**, Mauldin, P.D., Simpson, K.N. The attributable cost of aphasia. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 76) Ellis, C., **Bonilha, H.** A meta-analysis of aphasia-naming studies using activation likelihood estimation. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 77) Ellis, C., **Bonilha, H.** Activation likelihood estimation: an approach to meta-analysis in imaging research. American Speech-Language-Hearing Association Annual Convention. San Diego, California, November 2011.
- 78) **Bonilha, H.S.**, Halstead, L. Efficacy of tremor reduction techniques. *9th Pan European Voice Conference*. Marseille, France, September 2011.

- 79) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E., McGrattan, K.E*. Relationship between the presence of and perception of laryngeal mucus. *9th Pan European Voice Conference*. Marseille, France, September 2011.
- 80) **Bonilha, H.S.** Creating a mastery experience during the voice evaluation. *9th Pan European Voice Conference*. Marseille, France, September 2011.
- 81) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E. Impact of systemic hydration on laryngeal sensation, coughing, and throat clearing. *9th Pan European Voice Conference*. Marseille, France, September 2011.
- 82) **Bonilha, H.S.**, McGrattan, K.E.* , Gerlach, T.T., Sutton, L.E., Martin-Harris, B. Perception of laryngeal mucus: rater reliability. Medical Image Perception Society XIV Conference, Dublin, Ireland, August 2011.
- 83) **Bonilha, H.S.**, Blair, J., Carnes, B., Michel, Y., Martin-Harris, B. Clinical implications of frame rate on perception of swallowing components from the MBSIMP. Medical Image Perception Society XIV Conference, Dublin, Ireland, August 2011.
- 84) **Bonilha, H.S.**, Martin-Harris, B. Perception of 5 vocal fold vibratory features with notoriously poor reliability. Medical Image Perception Society XIV Conference, Dublin, Ireland, August 2011.
- 85) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E. Impact of systemic hydration and report of fluid intake on coughing, throat clearing, and laryngeal sensation in persons with and without voice disorders. 3rd Annual American Cough Conference, New York, New York, June 2011.
- 86) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E., McGrattan, K.E*. Relationship between the presence of and perception of laryngeal mucus. 40th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2011.
- 87) Halstead, L., McBroom, D., **Bonilha, H.S.** Task-specific singing dystonia: vocal instability that technique can't fix. 40th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2011.
- 88) **Bonilha, H.**, Blair, J., Carnes, B., Humphries, K., McGrattan, K.* , Michels, Y., Martin-Harris, B. Effect of frame rate on judgment of swallowing function using the MBSImP. 19th Annual meeting of the Dysphagia Research Society, San Antonio Texas, March 2011.
- 89) Humphries, K., Blair, J., **Bonilha, H.**, Carnes, B., McGrattan, K.* , Hill, E., Martin-Harris, B. Influence of clinician experience, medical diagnosis, and MBSImP protocol on radiation exposure time during VFSS. 19th Annual meeting of the Dysphagia Research Society, San Antonio Texas, March 2011.

- 90) Martin-Harris, B., Hill, E., **Bonilha, H.**, McGrattan, K*. Differential effects of bolus variables on interdependent swallowing movements. 19th Annual meeting of the Dysphagia Research Society, San Antonio Texas, March 2011.
- 91) **Bonilha, H.**, Finneran, D., McLeod, A., Whiteside, J. 7 steps to evidence-based practice. Abstracts: Convention of the South Carolina Speech-Language-Hearing Association. Columbia, South Carolina, February 2011.
- 92) **Bonilha, H. S.**, Gerlach, T., T., Sutton, L. E. Laryngeal sensation pre- & post-clearing. American Speech-Language-Hearing Association Annual Convention. Philadelphia, Pennsylvania, November 2010.
- 93) Ellis, C., **Bonilha, H.**, McGrattan, K*. Understanding evidence in dysphonia and dysphagia: importance of participant demographics. Poster: American Speech-Language-Hearing Association Annual Convention. Philadelphia, Pennsylvania, November 2010.
- 94) **Bonilha, H.**, Ellis, C., McGrattan, K*. Understanding evidence in dysphonia and dysphagia: importance of study design. Poster: American Speech-Language-Hearing Association Annual Convention. Philadelphia, Pennsylvania, November 2010.
- 95) **Bonilha, H.S.** Vocal wellness for court reporters. National Verbatim Reporters Association Convention. Charleston, South Carolina. July 2010. Invited talk.
- 96) **Bonilha, H.S.** Improved voice quality after forward focused voice as measured by perturbation in the acoustic signal as a method for engaging patients. 39th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2010.
- 97) **Bonilha, H.S.**, Gerlach, T.T., Sutton, L.E. Perception of laryngeal sensation before and after coughing, throat clearing, and clinical alternatives to coughing and throat clearing. 39th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2010.
- 98) **Bonilha, H.S.**, Martin-Harris, B., Soros, P., Arroyo, J.*, Blair, J., Maxwell, R. Motor versus sensorimotor deficits: towards a lesion mapping strategy. 18th Annual meeting of the Dysphagia Research Society, San Diego, California, March 2010.
- 99) **Bonilha, H.S.** A straightforward guide to voice evaluations. Abstracts: Convention of the South Carolina Speech-Language-Hearing Association. Columbia, South Carolina, February 2010. Invited talk.
- 100) **Bonilha, H.S.** A step-by-step approach to voice treatment. Abstracts: Convention of the South Carolina Speech-Language-Hearing Association. Columbia, South Carolina, February 2010. Invited talk.

- 101) **Bonilha, H.S.**, Deliyski, D.D., McLeod, A., Finneran, D., Adams, C., Varnedoe, D., & Floyd, S. Evaluating master's students' opinions on research. Abstracts: Convention of the South Carolina Speech-Language-Hearing Association. Columbia, South Carolina, February 2010.
- 102) **Bonilha, H.S.**, Deliyski, D.D., McLeod, A., Finneran, D., Adams, C., Varnedoe, D., & Montgomery, A. Abstracts: Ways to change master's students' opinions of research. *Convention of the American Speech-Language-Hearing Association*, New Orleans, Louisiana, November 2009.
- 103) Storkel, H., **Bonilha, H.S.**, Alt, M., Bent, T. The write stuff: lessons for success in research funding. Abstracts: *Convention of the American Speech-Language-Hearing Association*, New Orleans, Louisiana, November 2009. Invited talk.
- 104) **Bonilha, H.S.**, & Halstead, L. Reduction of vocal tremor through behavioral voice techniques – a useful adjunct to medical therapy. 2009 SC/NC ENT meeting. Charleston, South Carolina, July 2009.
- 105) **Bonilha, H.S.**, O'Shields, M.*, Gerlach, T.T., Deliyski, D.D. The twisted truth about arytenoids adduction asymmetry. 38th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2009.
- 106) **Bonilha, H.S.**, Copen, J.*, Savidge, M*. Acoustic analysis of detrimental and beneficial clearing behaviors. 38th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2009.
- 107) **Bonilha, H.S.**, Halstead, L. A trial of four tremor control techniques. 38th Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, June 2009.
- 108) **Bonilha, H.S.**, Deliyski, D.D., Gerlach, T.T., Sutton, L.E., Hanks, S.C. Clinical case studies comparing color high-speed videoendoscopy and stroboscopy. National Spasmodic Dysphonia Association's 2009 National Symposium. Charlotte, North Carolina, April 2009. Invited talk
- 109) **Bonilha, H.S.**, Halstead, L. A trial of four tremor control techniques. National Spasmodic Dysphonia Association's 2009 National Symposium. Charlotte, North Carolina, April 2009. Invited talk.
- 110) **Bonilha, H.S.**, Deliyski, D.D., Gerlach, T.T., Sutton, L., Hanks, S.C. A review of clinical case studies comparing color high-speed videoendoscopy and stroboscopy. Abstracts: *Convention of the American Speech-Language-Hearing Association*, Chicago, Illinois, November 2008.
- 111) **Bonilha, H.S.**, Whiteside, J.P.*, Gerlach, T.T., Deliyski, D.D. Period and glottal width irregularities from stroboscopy and high-speed videoendoscopy in patients. *37th*

Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, May 2008.

- 112) **Bonilha, H.S.**, Gerlach, T.T., Whiteside, J.P.*, Deliyski, D.D. Vibratory asymmetries in patients: high-speed videoendoscopy and stroboscopy. *American Laryngological Association Combined Otolaryngological Spring Meeting*, Orlando, Florida, May 2008.
- 113) **Bonilha, H.S.**, Randall, M.A.*, Tuckfield, K.*, Deliyski, D. Vocal fold edge and supraglottal compression in vocally-normal speakers. Abstracts: *Convention of the American Speech-Language-Hearing Association*, Boston, Massachusetts, November 2007.
- 114) **Bonilha, H.S.**, White, L. *, Kuckhahn, K.*, Deliyski, D. Mucus aggregation in persons with voice disorders. Abstracts: *Convention of the American Speech-Language-Hearing Association*, Boston, Massachusetts, November 2007.
- 115) **Bonilha, H.S.**, Whiteside, J.P. *, Deliyski, D.D. A stroboscopy and high-speed videoendoscopy assessment of the relationship of vocal fold vibratory features in vocally-normal speakers. *7th Pan European Voice Conference*. Groningen, The Netherlands, August 2007.
- 116) **Bonilha, H.S.**, Whiteside, J.P. *, Gerlach, T.T., Deliyski, D.D. Comparison of mucosal wave magnitude: presence, extent, and symmetry in persons with and without voice disorders. *7th Pan European Voice Conference*. Groningen, The Netherlands, August 2007.
- 117) **Shaw, H.**, Deliyski, D. Comparison of glottal configuration and glottal width recorded with stroboscopy and high-speed videoendoscopy in normophonic speakers. *36th Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2007.
- 118) Jones, A., Sandifer, H., Carter, L.A., **Shaw, H.S.**, Deliyski, D.D., Floyd, S.W. Challenges of bridging research, education and clinical practice. Abstracts: *Convention of the South Carolina Speech-Language-Hearing Association*. Hilton Head, South Carolina, February 2007.
- 119) **Shaw, H.**, Kuckhahn, K. *, White, L. *, Deliyski, D. Mucus presence in speakers with vocal fold pathology. Abstracts: *Convention of the South Carolina Speech-Language-Hearing Association*. Hilton Head, South Carolina, February 2007.
- 120) **Shaw, H.**, Randall, M.A.*, Tuckfield, K.*, Deliyski, D. Vocal fold edge and compression in normophonic speakers via stroboscopy and high-speed videoendoscopy. Abstracts: *Convention of the South Carolina Speech-Language-Hearing Association*. Hilton Head, South Carolina, February 2007.
- 121) **Shaw, H.**, Piasecki, J.*, Deliyski, D. Normative data of laryngeal function across age, gender, and mode of phonation. Abstracts: *Convention of the South Carolina Speech-Language-Hearing Association*. Hilton Head, South Carolina, February 2007.

- 122) **Shaw, H.**, Deliyski, D., Aikman, A.*, Hines, K.* How much mucus is normal? *Abstracts: Convention of the American Speech-Language-Hearing Association*, Miami, Florida, November 2006.
- 123) Deliyski, D., **Shaw, H.** Acoustic measurement of jitter & shimmer: Inter- & intra-system relationships. *Abstracts: Convention of the American Speech-Language-Hearing Association*, Miami, Florida, November 2006.
- 124) **Shaw, H.**, Deliyski, D. Period and glottal width irregularities of vocal fold vibration. *35th Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2006.
- 125) Deliyski, D., **Shaw, H.**, Orlikoff, R. Jitter as an index of irregular variation in glottal area. *35th Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2006.
- 126) **Shaw, H.**, Jones, A., Deliyski, D., Sandifer, H., Floyd, S. Clinical research: How to use the data you already have. *Abstracts: Convention of the South Carolina Speech-Language-Hearing Association*. Myrtle Beach, South Carolina, February 2006.
- 127) Aikman, A.*, Hines, K.*, Deliyski, D., **Shaw, H.** Mucus presence in normophonic speakers. *Abstracts: Convention of the South Carolina Speech-Language-Hearing Association*. Myrtle Beach, South Carolina, February 2006.
- 128) **Shaw, H.**, Deliyski, D. Mucosal wave: Impact of mode of phonation. *4th International Workshop on Models and Analysis of Vocal emissions for Biomedical Applications*. Florence, Italy, October 2005.
- 129) **Shaw, H.**, Deliyski, D. Vertical motion during modal and pressed phonation: Magnitude and Symmetry. *4th International Workshop on Models and Analysis of Vocal emissions for Biomedical Applications*. Florence, Italy, October 2005.
- 130) **Shaw, H.**, Deliyski, D. Symmetry and open quotient: Normative high-speed videoendoscopy findings. *34th Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2005.
- 131) Deliyski, D., **Shaw, H.**, Martin-Harris, B., and Gerlach, T. Facilitative playback techniques for laryngeal assessment via high-speed videoendoscopy. *34th Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2005.
- 132) Deliyski, D., **Shaw, H.**, Gerlach, T., Martin-Harris, B., Halstead, L., Sauder, C., Evans, M. Clinical application of color high-resolution high-speed videoendoscopy: System design and preliminary data. *34th Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2005.
- 133) **Shaw, H.**, Deliyski, D. Pilot normative data from high-speed laryngeal images. *Abstracts: Convention of the South Carolina Speech-Language-Hearing Association*. Charleston, South Carolina, February 2005.

- 134) **Shaw, H.**, Evans, M., Deliyski, D., Vesselinov, R. Relative importance of factors that impact acoustic voice analysis. *Abstracts: Convention of the American Speech-Language-Hearing Association*, Philadelphia, Pennsylvania, November 2004.
- 135) Evans, M., **Shaw, H.**, Deliyski, D. (Acoustic voice assessment: does the recording hardware really matter? *Abstracts: Convention of the American Speech-Language-Hearing Association*, Philadelphia, Pennsylvania, November 2004.
- 136) Deliyski, D., **Shaw, H.**, Evans, M. Influence of noise on acoustic voice measurements across multiple data acquisition platforms. *Abstracts: 33rd Symposium of The Voice Foundation: Care of the Professional Voice*. Philadelphia, Pennsylvania, June 2004.
- 137) Deliyski, D., Evans, M., **Shaw, H.** Acoustic voice analysis in the clinic: Effects of environmental noise. *Abstracts: Convention of the South Carolina Speech-Language-Hearing Association*. Hilton Head Island, South Carolina, February 2004.

TEACHING EXPERIENCE

University of South Carolina, Columbia, South Carolina

Department of Communication Sciences and Disorders

COMD 890 Teaching Fundamentals in Communication Sciences and Disorders

Course Instructor, Graduate Spring 2025

University of South Carolina, Columbia, South Carolina

Department of Communication Sciences and Disorders

COMD 810 Professional Seminar in Communication Sciences and Disorders

Course Instructor, Graduate Fall 2024, 2025, Spring 2025, 2026

University of South Carolina, Columbia, South Carolina

Department of Communication Sciences and Disorders

COMD 800 Seminar in Speech-Language Pathology

Course Instructor, Graduate Fall 2024, 2025, Spring 2025, 2026

University of South Carolina, Columbia, South Carolina

Department of Communication Sciences and Disorders

COMD 725 Pediatric Feeding and Swallowing

Course Instructor, Graduate Spring 2024, 2025, 2026

Medical University of South Carolina, Charleston, South Carolina

Department of Rehabilitation Sciences

SLP 607 Voice

Course Instructor, Graduate Spring 2022

Medical University of South Carolina, Charleston, South Carolina

Department of Rehabilitation Sciences
SLP 603 Evidence-Based Practice
Course Instructor, Graduate Fall 2022

Medical University of South Carolina, Charleston, South Carolina
Department of Health Sciences and Research
HRS 800 Translational Research
Course Instructor, Graduate Fall 2010-2012, 2018, 2020; Spring 2014-2017

Medical University of South Carolina, Charleston, South Carolina
Department of Health Sciences and Research
HRS 805 Evidence-Based Practice for Researchers
Course Instructor, Graduate Spring 2016-2022

Medical University of South Carolina, Charleston, South Carolina
Department of Health Sciences and Research
Independent Studies and Laboratory Rotations
Course Instructor, Graduate All semesters 2009-2022

Medical University of South Carolina, Charleston, South Carolina
Department of Health Sciences and Research
HRS 810 Health and Rehabilitation Models
Course Instructor, Graduate Fall 2015, 2017, 2019, 2021
**2019 role changed to guest lecturer responsible for 3, 3-hour sessions*

Medical University of South Carolina, Charleston, South Carolina
Department of Health Professions
AFN 823 Research Methods
Course Instructor, Graduate - online course Summer 2017-2021

Medical University of South Carolina, Charleston, South Carolina
Department of Health Sciences and Research
HRS Diversity and Inclusion in Science
Course Instructor, Graduate Spring 2017, Fall 2017-2018

HRS 745 Special Topics in Pathology and Impairment: Introduction to MRI
Course Instructor, Graduate Summer 2018

HRS 805 Introduction to Rehabilitation Services
Course Instructor, Graduate Spring 2010-2015

HRS 810 Rehabilitation Theories and Models
Course Instructor, Graduate Fall 2009, 2010, 2014

Medical University of South Carolina, Charleston, South Carolina
Department of Health Professions

AFN 630 Research Methods
Course Instructor, Graduate *Fall 2012-2015*

University of South Carolina, Columbia, South Carolina
Department of Communication Sciences and Disorders
COMD 704 Voice Disorders
Course Instructor, Graduate *Fall 2005-2009*

COMD J501 Anatomy and Physiology of the Speech and Hearing Mechanism
Course Instructor, Distance Education *Fall 2005-2008*

COMD 501 Anatomy and Physiology of the Speech and Hearing Mechanism
Course Instructor, Undergraduate *Fall 2005- 2007*

COMD 501 Anatomy and Physiology of the Speech and Hearing Mechanism
Course Instructor, Graduate *Summer 2004, 2005, 2007*

University of Central Florida, Orlando, Florida
Speech Perception, Speech Production, and Phonetics Laboratories
Graduate Teaching Assistant *September 2001- July 2002*

CLINICAL EXPERIENCE

Voice Clinic, University of South Carolina Speech and Hearing Center
Founder, Director, Lead Speech-Language Pathologist *April 2005-Aug. 2009*

Voice Center, Presbyterian Hospital, Charlotte, North Carolina
Speech-Language Pathologist *December 2004-July 2006*

University of South Carolina Speech and Hearing Center
Speech-Language Pathologist *February 2004 – Aug. 2004*
Clinical Fellow, Speech-Language Pathologist *September 2002 - Feb. 2004*

PROFESSIONAL AFFILIATIONS

American Speech-Language-Hearing Association
Member *2004-present*
Voice Foundation *2006-present*
Member
Dysphagia Research Society *2013-present*
Member
South Carolina Speech-Language-Hearing Association
Member *2003-2012, 2024-present*
Florida Speech-Language-Hearing Association
Member *2001*

CERTIFICATIONS

- Licensed Speech-Language Pathologist in the state of South Carolina 2004-present
- Licensed Speech-Language Pathologist intern in the state of South Carolina 2002-2004
- Licensed Speech-Language Pathologist in the state of Georgia 2007-2009
- Licensed Speech-Language Pathologist in the state of North Carolina 2004-2009

PROFESSIONAL SERVICE

Grant Review Service

- NIH MFSR, Study Section member (October 2021 – June 2025), Alternate Chair
- NIH NIDCD, Communication Disorders Review Committee (CDRC), October 2020 study section
- NIH NST2 Grant Reviewer, October 2019 study section
- ASHFoundation New Investigators Research Grants, 2019
- NIH MFSR Grant Reviewer, February 2019 study section
- NIH/CSR Voice Disorder SEP Study Section Chair & Grant Reviewer, November 2018 study section
- ASHFoundation New Century Scholars Doctoral Scholarship, 2018
- NIH AUD Grant Reviewer, February 2018 study section
- NIH MFSR Grant Reviewer, October 2017 study section
- ASHA New Investigator Grant Reviewer, 2017
- ASHFoundation Grant Reviewer, SPARC 2008-2012, NCS 2009 & 2016, Clinical Trials 2016
- SCTR Grant Reviewer, Pilot Projects, KL2 & TL1
- USC, Internal Grant Reviewer

Professional Organization Service

(focus on mentorship and conference planning)

- International Stroke Conference Planning Committee, Clinical Rehabilitation and Recovery, 2024-2027
- Dysphagia Research Society, Board of Directors, Councilor *Elected position, 2023-2025
- Dysphagia Research Society Conference Program Committee 2023, 2024, 2025
- Dysphagia Research Society Bylaws Committee 2023, 2024, 2025 (co-Chair)
- Training in Grantsmanship for Rehabilitation Research (TIGRR), funded by the National Center for Medical Rehabilitation (NIH), 2023, 2024
- ASHA Annual Convention 2022 Program Committee, Voice and Upper Airway, Topic Chair
- ASHA Pathway's Advisory Committee, Three-year term: December 2020-January 2023
- Dysphagia Research Society Institute for Education (DRSIE) Committee, 2020-2023
- Charleston Swallowing Conference, Conference Planning Committee, 2017-2018
- Invited Mentor for ASHA's Pathway program, 2016, 2020
- DRS ad hoc Early Investigator Committee, Member 2014-2016
- South Carolina Speech and Hearing Association, Research Committee, President 2007-2012; Member 2005-2012

- Poster Judge at the Symposium of The Voice Foundation: Care of the Professional Voice. Philadelphia, Pennsylvania, 2006, 2008-2012, 2014, 2016-2017, 2022
- MARC mentor, 2008-2009, 2009-2010, 2010-2011
- ASHA Annual Convention 2011, 2012, 2014, & 2015 Program Committee, Voice, Resonance and Alaryngeal Speech
- Invited ASHA Representative to Review the American Academy of Otolaryngology's Clinical Practice Guidelines "Improving Voice Outcomes after Thyroid Surgery" 2012

Editorial Board Service

- Adult Dysphagia Editor, American Journal of Speech Language Pathology, 2021-present
- Editorial Board Member for Stroke, 2015-present
- Editorial Board Member for Journal of Voice, 2012-present
- Guest Associate Editor, Special Issue of American Journal of Speech Language Pathology, 2018-2020
- Editorial Board Member for the American Journal of Speech Language Pathology, 2017
- Guest Associate Editor for the American Journal of Speech Language Pathology, 2017, 2020
- Guest Associate Editor for Journal of Speech Language and Hearing Research, 2012, 2025

Journal Reviewer

Served as ad hoc reviewer for the following journals (selection): Radiography; Stroke; Journal of Speech Language and Hearing Research; American Journal of Speech Language Pathology; Archives of Physical Medicine and Rehabilitation; Dysphagia; Journal of Voice; Folia Phoniatica et Logopaedica; Physiological Measurement; Journal of Neurology; Journal of Cognitive Neuroscience; Journal of the Neurosciences; Stroke Research and Treatment; Motor Control; PLOS ONE; Head and Neck; Journal of Communication Disorders; Nutrients; Journal of Telemedicine and Telecare; Current Bioinformatics; Computer Methods and Programs in Biomedicine; Computers in Biology and Medicine; Journal of Gastroenterology and Hepatology Research; Translational Stroke Research; Journal of Clinical Neuroscience.

UNIVERSITY SERVICE

University Committees at MUSC

- Faculty Senate, Co-Chair of Communications Committee (Fall 2009-Fall 2010)
Initiatives included: Faculty email lists, Faculty Contract Workshop, Contract Negotiation Workshop, Promotion and Tenure Workshop, member of Faculty Training subcommittee, MUSC's New Faculty Orientation
- Faculty Senate, Executive Committee Member Representing the CHP (Fall 2010-Fall 2011)
- Faculty Senate, ad-hoc Committee for Faculty Contracts (2009-2010 term)
- Faculty Senate, ad-hoc Committee for Post-Tenure Review (2009-2010 term)
- MUSC Mentorship Leadership Council (2010-2022)
- MUSC Diversity and Inclusion Outcomes Committee (2014)
- MUSC Interprofessional Day Facilitator (2014)
- South Carolina Clinical and Translational Research Institute (SCTR) TL1 Steering Committee (2016-2022)
- South Carolina Clinical and Translational Research Institute (SCTR) KL2 Steering Committee (2016-2022)

University Committees at USC

- Strategic Advisory Committee for the Carolina Grants & Innovation Hub (CGI Hub) (Fall 2024 -)
- Collaborative Group Leader for the R0100 Initiative (Fall 2024 – Spring 2025)

COLLEGE SERVICE

College Committees at MUSC, College of Health Professions (CHP)

- CHP Promotion and Tenure Committee (2021)
- CHP Space Committee (2020)
- CHP Faculty Council, Chair (Fall 2012-2013), Chair-Elect (Fall 2011-Fall 2012), Secretary (Fall 2010-Fall 2011)
- Research Council, College of Health Professions (Fall 2009-2022)
- CHP Search Committees: Dean of the College of Health Professions; several faculty in Health Sciences and Research; Associate Dean of Academic and Faculty Affairs; faculty in Anesthesia for Nurses (Committee Chair), all faculty and staff in the Division of Speech-Language Pathology
- CHP Mentorship Committee (2011-2012)
- CHP Promotion and Tenure Policy Committee (2011-2012; 2018-2019)
- CHP DATE Teaching Evaluation ad-hoc committee (2012)
- CHP Faculty Council By-laws ad-hoc committee (2011-2012)
- Academic and Faculty Affairs Website Development committee (2011)
- CHP Faculty Evaluations committee, guest attendee (2013-2014), member (2014-2015)
- CHP Interim Review ad-hoc committee (2013-2014)
- CHP Workload Taskforce (2014-2016)
- CHP Research and General Office Space Committee, Co-Chair (2014-2015)
- CHP Promotion Committee (2016, 2017)

School Committees at Emory University

- School of Medicine Education Transformation Steering Committee (2022–2023)

Arnold School of Public Health at USC

- Promotion and Tenure Committee (2023-present)
- Post-tenure Review Committee (2023-present)
- Tenure and Promotion Review Committee (2024-present)
- Associate Dean Search Committee (2025-)

Graduate School at USC

- Graduate Council
- 3MT Judge (2025)

PROGRAM / DEPARTMENT SERVICE

Departmental Committees at University of South Carolina (2006-2009)

- Research Committee: Manages the curriculum of the Ph.D. program and advises the department chair on the program.
- Accreditation Committee: Prepares for upcoming program accreditation.
- MSP and MCD Admittance Committee: Reviews all student applications for the MSP and MCD tracks and provides the graduate student director with advice on student admittance.
- Alumni Committee: Promotes a network of program graduates for career building (job placement, continuing education, etc.) and fundraising purposes.

Program / Departmental Committees at Medical University of South Carolina (2009-2022)

- SLP Admissions Committee Chair: Leads the Admissions Committee to attract and vet applicants for the MS SLP program (2020-2022)
- SLP Curriculum Committee Chair: Leads curriculum development, oversight, evaluation, and revision for the MS SLP program (2020-2022)
- SLP Policy and Professionalism Committee Chair: Leads policy and procedure development, oversight, evaluation, and revision for the MS SLP program (2020-2022)
- PhD Curriculum Committee: Manages the curriculum of the Ph.D. program and advises the program director on the program. (Chair, 2009-2016, Program Director, 2016-2019, Program Co-Director, 2019-2022)
- PhD Admissions Committee: Vets applicants of the Ph.D. program and advises the program director on admissions. (2009-2016, Program Director, 2016-2019, Program Co-Director, 2019-2022)

Department Committees at Emory University (2022-2023)

- Strategic Planning Committee (2023)

Department Committees at University of South Carolina (2023-present)

- Admissions Committee, MSP & MCD Programs
- Doctoral Committees, Chair
- Colloquium Committee
- Curriculum Committee
- Student Awards Committee
- Search Committees: Chair (1, 2024); Member (1, 2024-2025)

EDUCATION COMMITTEE SERVICE

Doctoral Student Dissertation Committee

- Annie Simpson, "Rehabilitation utilization and the marginal cost of ischemic stroke in South Carolina"
Role: Member of the Dissertation Committee
- Kathleen Cartmell, "Patient navigation to improve participation in cancer clinical trials"
Role: Member of the Dissertation Committee
- Chih-Ying Li, "Developing a functional measure across the continuum of post-acute care"
Role: Member of the Dissertation Committee

- Melanie Sweat Jefferson, “The acute-phase impact of resection on biological and psychological markers of stress among early-stage non-small cell lung cancer patients: An exploratory study”
Role: Co-Chair of the Dissertation Committee
- Jordan Hazelwood, “Investigations on the standardized protocol for conducting Modified Barium Swallow Studies”
Role: Member of the Dissertation Committee
- Janina Wilmskoetter, “Stroke lesions impact on swallowing function”
Role: Chair of the Dissertation Committee
- Maude Desjardins, “The effect of respiratory muscle strength training on voice outcomes in patients with presbyphonia”
Role: Chair of the Dissertation Committee
- Erin Reedy, “The relationship between oral, pharyngeal, and esophageal dysphagia”
Role: Chair of the Dissertation Committee
- Carolyn Barnes, “The impact of non-invasive respiratory support on swallowing and related outcomes”
Role: Chair of the Dissertation Committee
- Heather McGhee, “The integration of respiratory effort into clinical decision making in the NICU”
Role: Chair of the Dissertation Committee

Other Mentored Doctoral Students

- Jennifer Bozard – Using neuroimaging to map language function
- Bobby Charalambous - Rehabilitating walking speed after stroke with treadmill-based interventions
- Kendrea Focht - Stroboscopic parameters and rater methodology in treatment outcome studies across voice disorders
- Emily Johnson - Disease specific quality of life outcomes post-bariatric surgery
- Nicole Marlow - Efficacy of transcranial direct current stimulation and repetitive transcranial magnetic stimulation for treating fibromyalgia syndrome
- Katlyn McGrattan – Radiation exposure time and pulse rate in modified barium swallow studies, Evaluating laryngeal mucus from endoscopy recordings
- Joseph Sistino - Improvement in survival and neurodevelopmental outcomes in surgical treatment of HLHS
- Brittany Smalls - Community interventions to improve glycemic control in African Americans with Type 2 Diabetes
- Rebecca Walker - Behavioral interventions to improve glycemic control in African Americans with Type 2 Diabetes
- Ickpyo Hong - Psychometric properties of upper extremity outcome measures validated by item response theory
- Amanda Vatinno - prognostic utility of EEG in stroke recovery
- Carole Berini - Impact of community health workers on access to care for rural populations in the United States
- Emily Hart - Pediatric unilateral spatial neglect
- Parker Rhorden - Patient satisfaction of telemedicine remote patient monitoring
- Christina Couch – The role of inflammation in stroke recovery

Mentored Master Student Theses

- Joanna Piasecki Whiteside, "Relationship of vocal fold vibratory features in speakers with vocal fold pathology: a stroboscopy and high-speed videoendoscopy perspective"
Role: Graduate Student Thesis Research Advisor, Chair of Thesis Committee
- Maureen O'Shields, "Relationship between arytenoid adduction asymmetries and objective measures of the vocal fold vibratory features"
Role: Graduate Student Thesis Research Advisor, Chair of Thesis Committee

Mentored Master's Students on non-Thesis Research Projects

- Alyssa Aikman - Vocal fold mucus aggregation in vocally normal speakers
- Shannon Batson – Temporal characterization of cough and throat clear
- Jennifer Copen - Acoustic analysis of detrimental and beneficial clearing behaviors
- Katherine Hines - Vocal fold mucus aggregation in vocally normal speakers
- Kelsey Kuckhahn - Vocal fold mucus aggregation in persons with voice disorders
- Mary Ann Randall - Vocal fold edge and supraglottal compression in vocally-normal speakers
- Maggie Savidge - Acoustic analysis of detrimental and beneficial clearing behaviors
- Kymberly Tuckfield - Vocal fold edge and supraglottal compression in vocally-normal speakers
- Lisa White - Vocal fold mucus aggregation in persons with voice disorders