

Rosemary A. Lester-Smith, Ph.D., CCC-SLP

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<https://slhs.utexas.edu/research/ut-voice-lab>

August 2026

EDUCATION

- Ph.D.** 2014 **The University of Arizona (UA)**, Tucson, AZ
Major: Speech, Language, and Hearing Sciences
Minor: Neuroscience
Certificate in College Teaching: Office of Instruction and Assessment
Dissertation: Modulation of Voice Related to Vocal Tremor and Vibrato
Advisor: Brad H. Story, Ph.D.
- M.S.** 2019 **Northwestern University (NU)**, Chicago, IL
Major: Clinical Investigation
- M.A.** 2007 **Indiana University (IU)**, Bloomington, IN
Major: Speech and Hearing Sciences
- B.A.** 2004 **University of New Mexico (UNM)**, Albuquerque, NM
Major: Speech and Hearing Sciences
Minor: Psychology

ACADEMIC APPOINTMENTS

- 2025–present Associate Professor, Department of Speech, Language, and Hearing Sciences (SLHS), Moody College of Communication, The University of Texas at Austin (UT)
- 2018–2025 Assistant Professor, Department of SLHS, Moody College of Communication, UT
- 2016–2018 Postdoctoral Fellow, Speech Physiology Lab (Mentor: Charles R. Larson, Ph.D.), Communication Sciences and Disorders, NU; and Think + Speak Lab (Mentor: Leora R. Cherney, Ph.D., CCC-SLP), Department of Physical Medicine and Rehabilitation, Feinberg School of Medicine, NU
- 2016–2018 Research Collaborator, Head and Neck Regeneration Laboratory (PI: David G. Lott, M.D.), Mayo Clinic College of Medicine, Mayo Clinic in Arizona
- 2015–2016 Postdoctoral Associate, Stepp Lab for Sensorimotor Rehabilitation Engineering (Mentor: Cara E. Stepp, Ph.D.), Department of Speech, Language, and Hearing Sciences, Boston University (BU)
- 2015 Assistant Professor, Department of Otorhinolaryngology, Mayo Clinic College of Medicine, Mayo Clinic in Arizona

CLINICAL EXPERIENCE

- 2014-2015 Speech-Language Pathologist, Otorhinolaryngology, Mayo Clinic, Phoenix, AZ
- 2012-2013 Speech-Language Pathologist, Outpatient Therapy, University of Arizona Medical Center, Tucson, AZ
- 2010-2014 Speech-Language Pathologist, Outpatient and Inpatient Therapy, Northwest Medical Center, Tucson, AZ
- 2007-2009 Speech-Language Pathologist, Therapy Department, Augusta Health, Fishersville, VA

HONORS AND AWARDS – National and International

- 2020-2022 National Institutes of Health (NIH) Extramural Loan Repayment Program for Clinical Researchers
- 2019 National Spasmodic Dysphonia Association Poster Award, Fall Voice Conference

2019-2020	NIH Extramural Loan Repayment Program for Clinical Researchers
2018-2019	NIH Extramural Loan Repayment Program for Clinical Researchers
2016-2018	NIH Extramural Loan Repayment Program for Clinical Researchers
2015	David W. Brewer First Place Award for Best Poster, Voice Foundation Symposium
2014	First Place Award for Best Student Paper in Speech Communication, Acoustical Society of America
2014	Women in Acoustics Young Investigator Travel Grant, Acoustical Society of America
2013	Dystonia Coalition Travel Award, NS065701
2013	David W. Brewer Honorable Mention for Best Poster, Voice Foundation Symposium
2012	Course Fellowship-Travel Award, Course in Integrated Neuroscience, International Graduate School in Integrated Neuroscience, University of Bergen, Norway
2012	Conference Fellowship-Travel Award, Lessons for Success Research Conference: Developing the Emerging Scientist, American Speech-Language-Hearing Association

HONORS AND AWARDS – Local

2021	Texas Health Catalyst Phase 1 Consulting Award for <i>COVID-19 Voice and Speech Biomarkers</i> (co-recipients: Jun Wang, Ph.D. and Edison Thomaz, Ph.D.), Dell Medical School, UT
2019-2025	Faculty Travel Grant (four-time recipient), The Graduate School, UT
2018-2019	Society for Teaching Excellence, Academy of Distinguished Teachers, UT
2017	Postdoctoral Professional Development Travel Award, Office of Postdoctoral Affairs, The Graduate School, NU
2016	Travel Grant, Center for Computational Neuroscience and Neural Technology, Boston University
2013-2014	Graduate Student Scholarship/Research Award (two-time recipient), Department of Speech, Language, and Hearing Sciences, College of Science, UA
2012-2014	Galileo Circle Scholarship (three-time recipient), College of Science, UA
2013	Student Travel Awards (two-time recipient), Graduate and Professional Student Council, UA
2011-2013	Student Travel Awards (six-time recipient), Department of Speech, Language, and Hearing Sciences, UA
2012	Graduate Student Teaching Award, Department of Speech, Language, and Hearing Sciences, College of Science, UA
2009-2012	Research Assistantship, Department of Speech, Language, and Hearing Sciences, UA
2011	Thomas J. Hixon Student Research Award

RESEARCH FUNDING

Active

Office of the Vice President for Research, Scholarship, and Creative Endeavors (OVPR), Associate Professor Experimental Grant

Lester-Smith (Co-PI), Nick Henry (Co-PI), Levi Thompson (Co-PI) 01/01/2026 – 12/31/2026 UT
Cross-Linguistic Effects of Neurological Voice Disorders on Intelligibility and Comprehensibility
 \$99,624

National Institutes of Health (NIH) National Institute on Deafness and Other Communication Disorders (NIDCD) High Priority, Short-Term Project Award R56DC021972

Lester-Smith (PI), Jun Wang (Co-PI) 09/01/2024 – 08/31/2026 UT
Differentiating the Physiological Sources of Modulated Voice
 \$238,500 (\$150,000 direct; \$88,500 indirect)

NIH National Institute on Aging (NIA) Research Project Grant R01AG077017

Lester-Smith (Co-I), Edison Thomaz (PI) 03/15/2022 – 11/30/2026 UT

Digital Biomarker and Analytics for Cognitive Impairment with Mobile and Wearable Sensing

\$227,439 (\$159,575 direct; \$67,864 indirect); total award \$1,200,000 (\$810,490 direct; \$389,510 indirect)

Completed

Office of the Vice President for Research, Scholarship, and Creative Endeavors (OVPR), UT
OVPR Research and Creative Grant

Lester-Smith (PI) 11/06/2023 – 08/31/2024 UT

Efficacy of Voice Therapy for Essential Vocal Tremor
\$9,991

NIH NIDCD Early Career Research Award R21DC017001

Lester-Smith (PI) 07/15/2019 – 06/30/2023 UT

Auditory-Motor Control of Voice in Individuals with Essential Vocal Tremor
\$447,249 (\$300,000 direct; \$147,249 indirect)

Texas Health Catalyst Phase 2 Funding Award

Lester-Smith (Co-PI), Edison Thomaz (Co-PI), Jun Wang (PI) 04/01/2022 – 01/31/2023 UT

COVID-19 Voice and Speech Biomarkers
\$5,000

UT Moody College of Communication Summer Research Award

Lester-Smith (PI) 06/01/2019 – 07/31/2019 UT

\$9,000

National Institute on Disability Independent Living, and Rehabilitation Research (NIDILRR) Advanced
Rehabilitation Research Training Grant 90AR5015

Leora R. Cherney (PI) 10/01/2012 – 9/30/2017 NU

Interventions for Neurologic Communication Disorders

Role: Postdoctoral Fellow

Mentors: Charles R. Larson, Ph.D., and Leora R. Cherney, Ph.D., CCC-SLP

Arizona State University (ASU) & Mayo Clinic Collaborative Research Seed Grant ARI-195784

Lester-Smith (Co-I), David Lott, M.D. (Mayo Clinic PI), Juergen Neubauer, Ph.D. (ASU PI)

01/01/2015 – 01/01/2016 Mayo Clinic

Neuromuscularly-Controlled In Vivo Canine Larynx: A New Experimental Platform to Study Neurogenic Voice Disorders

\$40,000

NIH NIDCD Ruth L. Kirschstein Predoctoral Individual National Research Service Award F31DC012697

Lester (PI), Brad H. Story (Sponsor) 08/10/2012 – 08/10/2014 UA

Modulation of Voice Related to Tremor and Vibrato

\$83,400 (direct)

Consultant

NIH National Institute on Aging (NIA) Research Project Grant R61/R33AG069780

Joshua Chang (PI), Robin Hilsabeck (PI) 09/13/2022 – 02/09/2026 UT

Cognitive Screening Made Easy for Primary Care Providers

PUBLICATIONS (*trainees italicized*)**Refereed Journal Articles**

Ghosh, N., Hernandez, N., Wainman, E., *Forestieri, I.*, Louis, E.D., **Lester-Smith, R.A.** (2026). Perceptual and acoustical features of dysarthria in essential tremor: An observation study that expands the cerebellar features of essential tremor. *Tremor and Other Hyperkinetic Movements*, 16(1):30, 1-14.

[<https://doi.org/10.5334/tohm.1180>]

Shen, Y., Huang, M., Park, J.H., Bengel, J., Rousseau, J.F., **Lester-Smith, R.A.**, Thomaz, E (2026).

Multimodal passive smartphone sensing in older adults: A guide for clinical scientists based upon an ongoing cohort study. *Innovation in Aging*, 10(4), igag007. [<https://doi.org/10.1093/geroni/igag007>].

- Ghosh, N., Eidson, E., Derrick, E., & **Lester-Smith, R.A.** (2026). Breathy voice as a compensatory strategy for essential vocal tremor: A single-case experiment across participants. *Journal of Voice*, 40(2), 514.e1-514.e17. [<https://doi.org/10.1016/j.jvoice.2023.10.003>]
- Hilsabeck, R.C., Keller, J.N., Henry, M.L., Li, J., Pugalenthi, L., Toprac, P., Chang, P., Chang, J., Schmitz, S., Largent, A., Foil, H., Brouillette, R., **Lester-Smith, R.A.**, Rathouz, P (2025). Development and Classification Accuracy of an Automated Cognitive Screening Tool Combining Working Memory and Connected Speech Tasks for Early Detection of Cognitive Impairment in Primary Care. *Alzheimer's & Dementia: Translational Research & Clinical Interventions*, 11(3), e70145. [<https://doi.org/10.1002/trc2.70145>]
- Ghosh, N., Eidson, E., Chan, C.-L., Whited, C., Varga, M.G., & **Lester-Smith, R.A.** (2025). Auditory-motor control of fundamental frequency in essential vocal tremor. *Journal of Speech, Language, and Hearing Research*, 68(7S), 3659-3677. [https://doi.org/10.1044/2025_JSLHR-24-00384]
- Nix, J., **Lester-Smith, R.A.**, Cummings, N., Eidson, E., & Derrick, E. (2025). Singing teacher perception of breathiness in vibrato and non-vibrato tones. *Journal of Singing*, 81(3), 315-325. [<https://doi.org/10.53830/sing.00098>]
- Hilger, A., Levant, S., Kim, J.H., **Lester-Smith, R.A.**, & Larson, C.R. (2025). Task-dependent modulation of auditory feedback control of vocal intensity. *Journal of Voice*, 39(1), 284.e9-284.e19. [<https://doi.org/10.1016/j.jvoice.2022.08.004>]
- Lester-Smith, R.A.**, Hilger, A., Dunne-Platero, K.E., Kim, J.H., Chan, C.L., & Larson, C.R. (2024) The effects of masked and delayed auditory feedback on fundamental frequency modulation in vocal vibrato. *Journal of Voice*, 38(5), 1137-1148. [<https://doi.org/10.1016/j.jvoice.2022.01.029>]
- Lester-Smith, R.A.**, Jebaily, C.G., & Story, B.H. (2024). The effects of remote signal transmission and recording on acoustical measures of simulated essential vocal tremor: Considerations for remote treatment research and telepractice. *Journal of Voice*, 38(2), 325-336. [<https://doi.org/10.1016/j.jvoice.2021.09.012>]
- Lester-Smith, R.A.**, Derrick, E., & Larson, C.R. (2024). Characterization of source-filter interactions in vocal vibrato using a neck-surface vibration sensor. *Journal of Voice*, 38(1), 1-9. [<https://doi.org/10.1016/j.jvoice.2021.08.004>]
- Kurteff, G., **Lester-Smith, R.A.**, Martinez, A., Currens, N., Holder, J., Villarreal, C., Mercado, V., Truong, C., Huber, C., Pokharel, P., & Hamilton, L.S. (2023). Speaker-induced suppression in EEG during a naturalistic reading and listening task. *Journal of Cognitive Neuroscience*, 35(10), 1538-1556. [https://doi.org/10.1162/jocn_a_02037]
- Lester-Smith, R.A.**, Miller, C.H., & Cherney, C.R. (2023). Behavioral therapy for individuals with tremor or dystonia affecting voice in speakers with hyperkinetic dysarthria: A systematic review. *Journal of Voice*, 37(4), 561-573. [<https://doi.org/10.1016/j.jvoice.2021.03.026>]
- Lester-Smith, R.A.**, Kim, J.H., Hilger, A., Chan, C.L., & Larson, C.R. (2023). Auditory-motor control of fundamental frequency in vocal vibrato. *Journal of Voice*, 37(2), 296.e9-296.e.19. [<https://doi.org/10.1016/j.jvoice.2020.12.049>]
- Schenck, A., Hilger, A.I., Levant, S., Kim, J.H., **Lester-Smith, R.A.**, & Larson, C. (2023). The effect of pitch and loudness auditory feedback perturbations on vocal quality during sustained phonation. *Journal of Voice*, 37(1), 37-47. [<https://doi.org/10.1016/j.jvoice.2020.11.001>]
- Abur, D., Subaciute, A., Daliri, A., **Lester-Smith, R.A.**, Lupiani, A.A., Cilento, D., Enos, N.M., Weerathunge, H.R., Tardif, M.C., Stepp, C.E. (2021). Feedback and feedforward auditory-motor processes for voice and articulation in Parkinson's disease. *Journal of Speech, Language, and Hearing Research*, 64, 4682-4694. [https://doi.org/10.1044/2021_JSLHR-21-00153]
- Lester-Smith, R.A.**, Daliri, A., Enos, N., Abur, D., Lupiani, A.A., Letcher, S., & Stepp, C.E. (2020). The relation of articulatory and vocal auditory-motor control in typical speakers. *Journal of Speech, Language, and Hearing Research*, 63, 3628-3642. [https://doi.org/10.1044/2020_JSLHR-20-00192]
- Hilger, A., Cole, J., Kim, J.H., **Lester-Smith, R.A.**, & Larson, C. (2020). The effect of pitch auditory feedback perturbations on the production of anticipatory phrasal prominence and boundary. *Journal of Speech, Language, and Hearing Research*, 63, 2185-2201. [https://doi.org/10.1044/2020_JSLHR-19-00043]
- Abur, D., **Lester-Smith, R.A.**, Daliri, A., Lupiani, A.A., Guenther, F.H., & Stepp, C.E. (2018). Sensorimotor adaptation of voice fundamental frequency in Parkinson's disease. *PLoS ONE*, 13(10), e0191839. [<https://doi.org/10.1371/journal.pone.0191839>]

- Stepp, C.E., **Lester-Smith, R.A.**, Abur, D., Daliri, A., Noordzij, J., & Lupiani, A. (2017). Evidence for auditory-motor impairment in individuals with hyperfunctional voice disorders. *Journal of Speech, Language, and Hearing Research*, 60, 1545-1550. [http://dx.doi.org/10.1044/2017_JSLHR-S-16-0282]
- Lester-Smith, R.A.**, & Story, B.H. (2016). The effects of physiological adjustments on the perceptual and acoustical characteristics of vibrato as a model of vocal tremor. *Journal of the Acoustical Society of America*, 140(5), 3827-3833. [<http://dx.doi.org/10.1121/1.4967454>]
- Lester, R.A.**, & Story, B.H. (2015). The effects of physiological adjustments on the perceptual and acoustical characteristics of simulated laryngeal vocal tremor. *Journal of the Acoustical Society of America*, 138(2), 953-963. [<http://dx.doi.org/10.1121/1.4927561>]
- Carbonell, K.M., **Lester, R.A.**, Story, B.H., & Lotto, A.J. (2015). Discriminating simulated vocal tremor source using amplitude modulation spectra. *Journal of Voice*, 29(2), 140-147. [<http://dx.doi.org/10.1016/j.jvoice.2014.07.020>]
- Fuglevand, A.J., **Lester, R.A.**, & Johns, R.K. (2015). Distinguishing intrinsic from extrinsic factors underlying firing rate saturation in human motor units. *Journal of Neurophysiology*, 113(5), 1310-1322. [<http://dx.doi.org/10.1152/jn.00777.2014>]
- Lester, R.A.**, & Hoit, J.D. (2014). Nasal and oral inspiration during natural speech breathing. *Journal of Speech, Language, and Hearing Research*, 57(3), 734-742. [[http://dx.doi.org/10.1044/1092-4388\(2013\)13-0096](http://dx.doi.org/10.1044/1092-4388(2013)13-0096)]
- Lester, R.A.**, Barkmeier-Kraemer, J., & Story, B.H. (2013). Physiologic and acoustic patterns of essential vocal tremor. *Journal of Voice*, 27(4), 422-432. [<http://dx.doi.org/10.1016/j.jvoice.2013.01.002>]
- Lester, R.A.**, & Story, B.H. (2013). Acoustic characteristics of simulated respiratory-induced vocal tremor. *American Journal of Speech-Language Pathology*, 22(2), 205-211. [[http://dx.doi.org/10.1044/1058-0360\(2012\)12-0043](http://dx.doi.org/10.1044/1058-0360(2012)12-0043)]
- Cipriani, N.A., Martin, D.E., Corey, J.P., Portugal, L., Caballero, N., **Lester, R.**, Anthony, B., & Taxy, J.B. (2011). The clinicopathologic spectrum of benign mass lesions of the vocal fold due to vocal abuse. *International Journal of Surgical Pathology*, 19(5), 583-587. [<http://dx.doi.org/10.1177/1066896911411480>]

Refereed Conference Papers

- Brown, J., Kwon, J., Wang, J., & **Lester-Smith, R.A.** (2025). Classification of speakers with and without respiratory tremor using patterns of voice modulation and machine learning. *Proceedings of Meetings on Acoustics*, 56(1) 060013. [<https://doi.org/10.1121/2.0002339>]
- Shen, Y., Park, J.H., Huang, M., Bengt, J.F., Rousseau, J.F., **Lester-Smith, R.A.**, Thomaz, E. (2025). Deep learning-based detection of cognitive impairment from passive smartphone sensing with routine-aware augmentation and demographic personalization. *IEEE-EMBS International Conference on Biomedical and Health Informatics*.
- Lester, R.A.**, & Story, B.H. (2013). Modulation of voice related to simulated vocal fold length change with cricothyroid and thyroarytenoid muscle activation. *Proceedings of the 10th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research*, 63-64.

Refereed Commentaries

- Brown, J.L., & **Lester-Smith, R.A.** (2025). Summary and Commentary: Respiratory Lung Volume Training improves speech breathing and voice in primary muscle tension dysphonia. *Evidence-Based Communication Assessment and Intervention*, 19(4), 182-188. [invited] [<https://doi.org/10.1080/17489539.2026.2624438>]
- Rosbach, A.M., & **Lester-Smith, R.A.** (2023). Summary and Commentary: Greater Severity of Non-Instrumental and Instrumental Voice Assessment Findings May Predict Longer than 7.5 Session Duration of Pediatric Voice Therapy for Benign Vocal Fold Pathologies. *Evidence-Based Communication Assessment and Intervention*, 16(4), 134-139. [invited] [<https://doi.org/10.1080/17489539.2023.2246752>]

Textbook

- Hoit, J.D., Weismer, G., Story, B.H., **Lester-Smith, R.A.** (2025). *Foundations of speech and hearing: Anatomy and physiology*, 3rd edition. Plural Publishing.

Conference Abstracts

- Shen, Y., Bengel, J.F., Rousseau, J.F., **Lester-Smith, R.A.**, & Thomaz, E. (2025). Passive smartphone sensing reveals gait and typing biomarkers of cognitive impairment. *Alzheimer's Association International Conference*.
- Mis, R.E., **Lester-Smith, R.A.**, Rousseau, J., Cui, J., Biswas, E., Shein, Y., *Ghosh, N.*, Thomaz, E., Bengel, J.F. (2025). Data privacy concerns of cognitively normal and impaired older adults participating in a digital monitoring study and response to an educational intervention. *Alzheimer's Association International Conference*.
- Lester-Smith, R.A.**, Kwon, J., & Wang, J. (2025). Audio- and sensor-based classification of essential vocal tremor with and without respiratory involvement. *Journal of the Acoustical Society of America*, 151(4), a75. [<https://doi.org/10.1121/10.0037441>]
- Hilsabeck, R.C., Keller, J., Henry, M.L., Li, J.J., Pugalenti, K., Rathouz, P., Toprac, P., Chang, P., Chang, J., Schmitz, S., Largent A., Foil, H., Brouillette R., & **Lester-Smith, R.A.** (2023). Combining working memory and speech data in a digital app for early detection of cognitive impairment in primary care. *Alzheimer's and Dementia*, 19, e082210. [<https://doi.org/10.1002/alz.082210>]
- Lester-Smith, R.A.** & Story, B.H (2019). Degree of vocal fold adduction affects listener perception of simulated laryngeal vocal tremor. *Journal of the Acoustical Society of America*, 146, 2922. [<http://doi.org/10.1121/1.5137141>]
- Hilger, A.I., Levant, S., Kim, J., **Lester-Smith, R.A.**, & Larson, C.R. (2019). Auditory feedback control of vocal intensity during speech and sustained vowel production. *Journal of the Acoustical Society of America*, 146, 3052. [<http://doi.org/10.1121/1.5137580>]
- Lester, R.A.**, Story, B.H., & Lotto, A.J. (2014). Acoustical bases for the perception of simulated laryngeal vocal tremor. *Journal of the Acoustical Society of America*, 2293, 3052, [<http://doi.org/10.1121/1.4900289>].
- Carbonell, K.M., Story, B.H., **Lester, R.A.**, & Lotto, A.J. (2012). Discriminating vocal tremor source from amplitude modulations. *Journal of the Acoustical Society of America*, 132, 2090. [<http://doi.org/10.1121/1.4755723>]

Non-Refereed Articles

- Ghosh, N.* & **Lester-Smith, R.A.** (2024, November). Speech biomarkers in Parkinson's disease. Georgetown Neuroscience Foundation Newsletter. [invited]
- Lester, R.A.** (2014, April). Straight talk on therapy for vocal tremor. Tremor Talk: For Members of the International Essential Tremor Foundation, 4-5. [invited]

Media

- Villalpando, N. (2021, December). What is Zoom doing to my voice? University of Texas study figured out how speech therapists can do virtual therapy. *Austin American Statesman*.
<https://www.statesman.com/story/news/healthcare/2021/12/14/university-texas-vocal-lab-find-ways-work-around-zoom-virtual-speech-therapy/6489029001/>

CONFERENCE PRESENTATIONS (*trainees italicized*)

- Brown, J.L.*, Kwon, J., *Beckold, S.*, Wang, J., & **Lester-Smith, R.A.** (September, 2026). Audio- and sensor-based classification of vocal vibrato with and without respiratory or laryngeal oscillation. Fall Voice Conference, Denver, CO.
- Lester-Smith, R.A.** (April 2026). Updates on interdisciplinary assessment and treatment of vocal tremor [invited]. Neurolaryngology Study Group, Combined Otolaryngology Spring Meeting, Phoenix, AZ.
- Lester-Smith, R.A.** (October, 2024). When the voice shakes but the larynx looks great: Management of tremor and dystonia affecting the speech mechanism. Fall Voice Conference, Phoenix, AZ [invited].
- Ghosh, N.*, **Lester-Smith, R.A.** (June, 2023). Breathy voice as a compensatory strategy for essential vocal tremor: A single case experiment across participants. Voice Foundation Symposium, Philadelphia, PA.
- Lester-Smith, R.A.** (July, 2021). Evidence-based voice therapy for vocal tremor and laryngeal dystonia. Presented online for the Texas Speech-Language-Hearing Association Academic Webinar Series.
- Lester-Smith, R.A.**, *Derrick, E.*, & Larson, C.R. (June, 2021). Characterization of source-filter interactions in vocal vibrato using neck-surface accelerometry. Presented online for the Voice Foundation Virtual Symposium.

- Lester-Smith, R.A., Jebaily, C.G., & Story, B.H.** (June, 2021). Optimizing acoustical and perceptual assessment of vocal tremor for telepractice. Presented online for the Voice Foundation Virtual Symposium.
- Lester-Smith, R.A., Miller, C.H., & Cherney, L.R.** (November, 2020). Behavioral therapy for individuals with tremor or dystonia affecting the speech mechanism. Proposal accepted for the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (convention cancelled).
- Lester-Smith, R.A., Dunne, K., Larson, C.R., & Cherney, L.R.** (November, 2020). The effects of physiological adjustments on voice modulation in vocal tremor and vibrato. Proposal accepted for the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (convention cancelled).
- Lester-Smith, R.A., Dunne, K., Derrick, E., Larson, C.R., & Cherney, L.R.** (October, 2020). The effects of voice quality, pitch, and loudness adjustments on vocal tremor and vibrato. Presented online for the Fall Voice Virtual Conference.
- Lester-Smith, R.A.** (November, 2017). The importance of auditory feedback in speech and voice motor control. Annual Convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
- Lester, R.A.** (November, 2013). The physiological, acoustical, and perceptual characteristics of vocal tremor. Annual Convention of the American Speech-Language-Hearing Association, Chicago, IL.

CONFERENCE POSTERS (*trainees italicized*)

- Ghosh, N., Hernandez, N., Wainman, E., Forestieri, I., Louis, E., Lester-Smith, R.A.* (November, 2026). Perceptual and acoustical features of dysarthria in essential tremor. American Speech-Language-Hearing Association Convention, Indianapolis, IN.
- Compton, S.E., Shen, Y., **Lester-Smith, R.A.**, Rousseau, J.F., Garduno Rapp, E., *Ghosh, N.*, & Bengé, J.F. (October, 2026). Characterizing passively collected digital biomarkers as predictors of subtle functional decline in older adults. National Academy of Neuropsychology 46th Annual Conference, Chicago, IL.
- Ghosh, N., Jebaily, Charles, G., Brown, E., Forestieri, I., Beckett, S., & Lester-Smith, R.A.* (December, 2025). Acoustical outcomes of a behavioral voice treatment program targeting breathiness in essential vocal tremor. 189th Meeting of the Acoustical Society of America, Honolulu, HI.
- Shen, Y., Bengé, J.F., Rousseau, J.F., **Lester-Smith, R.A.**, & Thomaz, E. (July, 2025). Passive smartphone sensing reveals gait and typing biomarkers of cognitive impairment. Alzheimer's Association International Conference, Toronto, Canada.
- Lester-Smith, R.A.**, Kwon, J., & Wang, J. Audio- and sensor-based classification of essential vocal tremor with and without respiratory involvement (May, 2025). 188th Meeting of the Acoustical Society of America, New Orleans, LA.
- Mis, R.E., Thomaz, E., **Lester-Smith, R.A.**, Rousseau, J., Cui, J., Biswas, E., Shein, Y., *Ghosh, N.*, Bengé, J.F. (January, 2025). Data privacy concerns of older adults participating in a digital monitoring study and response to an educational intervention. Texas Alzheimer's Research and Care Consortium, Austin, TX.
- Eidson, L., Ghosh, N., & Lester-Smith, R.A.* (October, 2024). Temporal synchrony of frequency modulations in essential vocal tremor. Fall Voice Conference, Phoenix, AZ.
- Ghosh, N., Lester-Smith, R.A.* (May, 2024). Quality of life in essential vocal tremor. Voice Foundation Symposium, Philadelphia, PA.
- Lester-Smith, R.A., Ghosh, N., Eidson, E., Larson, C.R., & Derrick, E.** (February, 2024). Auditory-motor control of fundamental frequency in essential vocal tremor. Poster presented by N. Ghosh at the Conference on Motor Speech, San Diego, CA.
- Hilsabeck, R.C., Keller, J., Henry, M.L., Li, J.J., Pugalenti, K., Rathouz, P., Toprac, P., Chang, P., Chang, J., Schmitz, S., Largent A., Foil, H., Brouillette R., & **Lester-Smith, R.A.** (October, 2023). A digital health solution for detection of cognitive impairment in primary care. National Academy of Neuropsychology, Philadelphia, PA.
- Hilsabeck, R.C., Keller, J., Henry, M.L., Li, J.J., Pugalenti, K., Rathouz, P., Toprac, P., Chang, P., Chang, J., Schmitz, S., Largent A., Foil, H., Brouillette R., & **Lester-Smith, R.A.** (July, 2023). Combining working memory and speech data in a digital app for early detection of cognitive impairment in primary care. Alzheimer's Association International Conference (AAIC), Amsterdam, NL.
- Ghosh, N., Derrick, E., Lester-Smith, R.A.* (March, 2023). Effect of breathiness on essential voice tremor. Cellular to Clinically Applied Rehabilitation Research and Engineering (CARE) Research Day, UT, Austin, TX.

- Ghosh, N., Derrick, E., **Lester-Smith, R.A.** (April, 2022). Effect of breathiness on essential voice tremor. 4th Annual Interprofessional Health Showcase, UT, Austin, TX.
- Lester-Smith, R.A.**, Story, B.H., & Eidson, E.L. (February, 2022). Source-filter interactions in simulated respiratory and laryngeal tremor. Poster presented by E. Eidson at the Conference on Motor Speech, Charleston, SC.
- Lester-Smith, R.A.**, Miller, C.H., & Cherney, L.R. (October, 2020). Treating vocal tremor and dystonia: evidence for voice therapy. Fall Voice Virtual Conference.
- Abur, D., Subaciute, A., Daliri, A., **Lester-Smith, R.A.**, Lupiani, A.A., Cilento, D., Enos, N.M., Tardif, M., Weerathunge, H.R., & Stepp, C.E. (February, 2020). Auditory-motor bases of voice and articulatory impairments in Parkinson's disease. Conference on Motor Speech, Santa Barbara, CA.
- Lester-Smith, R.A.** & Story, B.H. (December, 2019). Degree of vocal fold adduction affects listener perception of simulated laryngeal vocal tremor. 178th Meeting of the Acoustical Society of America, San Diego, CA.
- Hilger, A.I., Levant, S., Kim, J., **Lester-Smith, R.A.**, & Larson, C.R. (December, 2019). Auditory feedback control of vocal intensity during speech and sustained vowel production. 178th Meeting of the Acoustical Society of America, San Diego, CA.
- Lester-Smith, R.A.**, Dunne, K.E., Looper, M.A., & Larson, C.R. (October, 2019). The effects of masked and delayed auditory feedback on fundamental frequency modulation in vocal vibrato. Fall Voice Conference, Dallas, TX. **National Spasmodic Dysphonia Association Poster Award.**
- Lester-Smith, R.A.**, & Larson, C.R. (May, 2019). Auditory-motor control of pitch in individuals with essential vocal tremor: A pilot study. Poster presented electronically at the Voice Foundation Symposium, Philadelphia, PA.
- Lester-Smith, R.A.**, Cherney, L.R., & Larson, C.R. (February, 2018). Auditory-motor control of vocal vibrato. Poster presented by C. Larson at the Conference on Motor Speech, Savannah, GA.
- Stepp, C.E., Heller Murray, E.S., Abur, D., **Lester-Smith, R.A.**, Daliri, A., Noordzij, J.P., & Lupiani, A.A. (July, 2017). Auditory-motor impairment as an underlying basis of hyperfunctional voice disorders. Poster presented by E. Heller Murray at the 7th International Conference on Speech Motor Control, Groningen, Netherlands.
- Lester, R.A.**, & Story, B.H. (March, 2016). Predicting listener perception of simulated laryngeal vocal tremor using a novel measure of pitch modulation strength. Conference on Motor Speech, Newport Beach, CA.
- Lester, R.A.**, & Story, B.H. (May, 2015). Acoustical bases for the perception of vibrato as a model of vocal tremor. Voice Foundation Symposium, Philadelphia, PA. **First Place Award for Best Poster**
- Lester, R.A.**, Story, B.H., & Lotto, A.J. (October, 2014). Acoustical bases for the perception of simulated laryngeal vocal tremor. 168th Meeting of the Acoustical Society of America, Indianapolis, IN. **First Place Award for Best Student Paper in Speech Communication**
- Lester, R.A.**, Story, B.H. (June, 2013). Modulation of voice related to simulated vocal fold length change with cricothyroid and thyroarytenoid muscle activation. Advances in Quantitative Laryngology, Voice and Speech Research, Cincinnati, OH.
- Lester, R.A.**, Story, B.H. (June, 2013). Modulation of voice related to tremor and vibrato. Voice Foundation Symposium, Philadelphia, PA. **Honorable Mention for Best Poster**
- Carbonell, K.M., Story, B.H., **Lester, R.A.**, & Lotto, A.J. (October, 2012). Discriminating vocal tremor source from amplitude modulations. 164th Annual Meeting of the Acoustical Society of America, Kansas City, MO.
- Lester, R.A.**, & Hoit, J.D. (April, 2012). Oral vs. nasal breathing during natural speech production. Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.
- Lester, R.A.**, & Hoit, J.D. (April, 2012). Oral vs. nasal breathing during natural speech production. Arizona Speech-Language-Hearing Annual Convention, Phoenix, AZ.
- Lester, R.A.**, & Story, B.H. (March, 2012). Acoustic characteristics of respiratory-induced vocal tremor. Conference on Motor Speech, Santa Rosa, CA.
- Lester, R.A.** (April, 2010). Investigation of the laryngeal physiology of vocal tremor in individuals with essential tremor. Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.

INVITED MEETING PRESENTATIONS

- Garand, K., & **Lester-Smith, R.A.** (June, 2026). Developing a five-year plan and identifying your research career milestones. ASHA Pathways, Rockville, MD.

- Lester-Smith, R.A.** (April, 2026). Getting to know your instrument: Anatomy and physiology of voice. Voice Seminar, Health Alliance for Austin Musicians, Austin, TX.
- Lester-Smith, R.A.** (April, 2025). Getting to know your instrument: Anatomy and physiology of voice. Voice Seminar, Health Alliance for Austin Musicians, CommUnity Care Southeast Health and Wellness Center, Austin, TX.
- Lester-Smith, R.A.** (October, 2024). Physiological sources of essential vocal tremor. Mayo Clinic Voice Center Phoenix, AZ.
- Lester-Smith, R.A.** (October, 2024). Physiological sources of essential vocal tremor. UT Southwestern Voice Center, Dallas, TX (presented virtually).
- Lester-Smith, R.A.** (February, 2024). Getting to know your instrument: Anatomy and physiology of voice. Voice Seminar, Health Alliance for Austin Musicians, CommUnity Care Southeast Health and Wellness Center, Austin, TX.
- Lester-Smith, R.A.** (January, 2024). Beyond Botox: Behavioral therapy for tremor and dystonia affecting voice. Austin Dysphonia Support Group Meeting, UT, Austin, TX.
- Lester-Smith, R.A.** (May, 2023). Knowing your instrument: Anatomy and physiology of voice. Voice Seminar, Health Alliance for Austin Musicians, CommUnity Care Southeast Health and Wellness Center, Austin, TX.
- Lester-Smith, R.A.**, (October, 2022). Source-filter interactions in vocal tremor and vibrato. Texas Acoustics Seminar, Department of Mechanical Engineering, UT, Austin, TX.
- Lester-Smith, R.A.** (February, 2022). Current research on essential vocal tremor. UT Southwestern Movement Disorder Physicians Group Meeting, Dallas, TX (presented virtually).
- Lester-Smith, R.A.** (February, 2020). Clinical and research perspectives on vocal tremor. Austin Spasmodic Dysphonia Support Group Meeting, UT, Austin, TX.
- Lester-Smith, R.A.** (August, 2019). Getting to know your instrument. Voice Seminar, Health Alliance for Austin Musicians, CommUnity Care Southeast Health and Wellness Center, Austin, TX.
- Lester-Smith, R.A.** (April, 2019). Auditory-motor control of voice in healthy and neurologically-impaired speakers. Annual Spring Symposium; Center for Brain, Behavior, and Evolution; UT; Austin, TX.
- Lester-Smith, R.A.** (March, 2019). Simulating essential vocal tremor with vocal vibrato. Think + Speak Lab Research Presentations for Renée Fleming and Team, Shirley Ryan AbilityLab, Chicago, IL.
- Lester-Smith, R.A.** (October, 2018). Simulating essential vocal tremor with vocal vibrato. Think + Speak Lab Research Presentations for VIP Tour, Shirley Ryan AbilityLab, Remote Presentation, Chicago, IL.
- Lester-Smith, R.A.** (July, 2017). Physiological adjustments affect the perceptual and acoustical characteristics of simulated vocal tremor. AbilityLab Research Seminar Series, Shirley Ryan AbilityLab, Chicago, IL.
- Lester-Smith, R.A.** (May, 2017). Assessing dysphonia and improving vocal ability across the continuum of care. Better Speech and Hearing Month Continuing Education Course, Shirley Ryan AbilityLab, Chicago, IL.
- Lester-Smith, R.A.** (December, 2016). Essential vocal tremor: Clinical and research perspectives. Essential Tremor Community Event, Rush-Copley Medical Center, Aurora, IL.
- Lester-Smith, R.A.** (October, 2016). Essential vocal tremor: Clinical and research perspectives. Essential Tremor Support Group Meeting, Rush-Copley Medical Center, Aurora, IL.
- Lester, R.A.** (September, 2015). How well do you know your instrument? Gordon College Department of Music Voice Awareness Day, Boston University, Boston, MA.
- Lester, R.A.** (September, 2015). The effects of physiological adjustments on the perceptual and acoustical characteristics of vocal tremor. Boston Speech Motor Control Working Group, Boston University, Boston, MA.
- Lester, R.A.** (July, 2015). Tremor and dystonia. Geriatric Residency Program, Mayo Clinic, Phoenix, AZ.
- Lester, R.A.**, & Lott, D.G. (June, 2015). Neurogenic disorders of voice. Otorhinolaryngology Resident Grand Rounds, Mayo Clinic, Phoenix, AZ.
- Lott, D.G., & **Lester, R.A.** (April, 2015). Glottal incompetence. Otorhinolaryngology Resident Grand Rounds, Mayo Clinic, Phoenix, AZ.
- Lester, R.A.**, Kang, C., Crujido, L. (March, 2015). Stroboscopy training for otorhinolaryngology physician assistants. Mayo Clinic, Phoenix, AZ.
- Lester, R.A.** (January, 2015). How well do you know your instrument? Phoenix Opera and Mayo Clinic Southwest Opera Competition: A Showcase of Excellence in Voice and Vocal Health. Mayo Clinic, Scottsdale, AZ.

- Lott, D.G., & **Lester, R.A.** (October, 2014). Normal and disordered swallowing. Otorhinolaryngology Resident Grand Rounds, Mayo Clinic, Phoenix, AZ.
- Lester, R.A.** (July, 2014). Neurogenic voice disorders. Otolaryngology Resident Grand Rounds, University of Arizona Medical Center, Tucson, AZ.
- Lester, R.A.** (July, 2014). Physiology of swallowing. Otolaryngology Resident Grand Rounds, University of Arizona Medical Center, Tucson, AZ.
- Lester, R.A.** (February, 2014). Ethical considerations in speech, language, and hearing research. Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.
- Lester, R.A.** (December, 2013). Neurogenic disorders of voice: Clinical and research perspectives. Neurology Grand Rounds, Mayo Clinic, Phoenix, AZ.
- Lester, R.A.** (November, 2013). Neurogenic disorders of voice and swallowing: Clinical and research perspectives. Otorhinolaryngology Grand Rounds, Mayo Clinic, Phoenix, AZ.
- Black, M., & **Lester, R.A.** (March, 2013). Presbyphonia: Impact of voice changes on the aging larynx. Otolaryngology Grand Rounds, University of Arizona Medical Center, Tucson, AZ.
- Lester, R.A.**, & Dysinger, A. (October, 2012). Introduction to normal swallowing function, clinical evaluation of swallowing, and acute dysphagia management. National Student Speech-Language-Hearing Association Forum, UA, Tucson, AZ.
- Lester, R.A.** (December-February, 2008). Voice anatomy and physiology, voice disorders, voice evaluation, voice treatment. Voice Education Series, Speech Pathology Department, Augusta Medical Center, Fishersville, VA.

TEACHING EXPERIENCE

Assistant Professor

- SLH 315S: Speech Science, Spring 2026, UT, Austin, TX
- SLH 393Q: Acquired Speech Disorders, Fall 2023, Fall 2024, UT, Austin, TX
- SLH 393V: Voice Disorders; Spring 2020, Spring 2021, Spring 2023, Spring 2024, Spring 2025, Fall 2025, Fall 2026; UT, Austin, TX
- SLH 358: Anatomy and Physiology of the Speech and Hearing Mechanisms; Fall 2018, Spring 2019, Fall 2019, Fall 2020, Spring 2021, Fall 2021, Fall 2022, Fall 2023, Spring 2024, Fall 2024, Fall 2025, Spring 2026, Fall 2026; UT, Austin, TX
- SLH 158L: Anatomy and Physiology of the Speech and Hearing Mechanisms Lab; Fall 2019, Fall 2023, Spring 2024, Fall 2024, Fall 2025, Spring 2026, Fall 2026; UT, Austin, TX

Adjunct Instructor

- SPH 557: Dysphagia, Spring 2014, UA, Tucson, AZ

Preceptor

- SPH 261: Anatomy and Physiology of the Speech Mechanism, Spring 2012, UA, Tucson, AZ
- SPH 572: Voice Disorders, Fall 2011, UA, Tucson, AZ

Guest Lecturer

- Lester-Smith, R.A.** (May, 2023). Diversity of communication abilities: How the field of Speech, Language, and Hearing Sciences hooked me. COM 302E: Communication Foundations II, UT, Austin, TX.
- Jones, C., & **Lester-Smith, R.A.** Flexible fiberoptic endoscopic evaluation of swallowing demonstration. (October, 2022). SLH 393D: Dysphagia, UT, Austin, TX.
- Lester-Smith, R.A.** (September, 2020, 2021, 2022). Optimizing voice production for communication. COM 301E: Communication Foundations, UT, Austin, TX.
- Lester-Smith, R.A.** (November, 2021). Research ethics. SLHS Doctoral Seminar, UT, Austin, TX.
- Lester-Smith, R.A.** (October, 2019). The job search. CSD PhD Professional Development Seminar, UT, Austin, TX.
- Lester-Smith, R.A.** (April, 2019). Neurological voice disorder case studies. CSD 393D: Knowledge and Skills, CSD 367R: Clinical Research in Speech-Language Pathology, CSD 140L: Professional Issues, UT, Austin, TX.
- Lester-Smith, R.A.** (April, 2017). Neurological voice disorders: Vocal tremor. CSD 493-1: Vocal Physiology and Pathology, NU, Evanston, IL.
- Lester, R.A.** (November, 2015). Collaborative assessment of spasmodic dysphonia and vocal tremor. SPPA 6410: Voice Disorders, Marquette University, Milwaukee, WI.

- Lester, R.A.** (April, 2014). Research misconduct. SLHS 649: Survival Skills and Ethics, UA, Tucson, AZ.
- Lester, R.A.** (April, 2014). Improving vocal health in singers with voice therapy. Music 510: Pedagogy, UA, Tucson, AZ.
- Lester, R.A.** (March, 2014). Grants and grantpersonship panel. SLHS 649: Survival Skills and Ethics, UA, Tucson, AZ.
- Lester, R.A.** (February, 2014). Ethical considerations in Speech, Language, and Hearing research. SLHS 500: Introduction to Research Methods in Speech and Hearing Sciences, UA, Tucson, AZ.
- Lester, R.A.** (December, 2013). Maintaining vocal Health in teachers. Music 250: Introduction to Music Education, UA, Tucson, AZ.
- Lester, R.A.** (November, 2013). The physiological, acoustical, and perceptual characteristics of vocal tremor. SLHS 575: Neuromotor Speech Disorders, UA, Tucson, AZ.
- Lester, R.A., & Black, M.** (April, 2013). Voice evaluation and treatment. Music 550: Advanced Studies in Teaching: Science-Based Voice Education, UA, Tucson, AZ.
- Lester, R.A.** (April, 2013). Modulation of voice related to tremor and vibrato. SLHS 267: Acoustics, UA, Tucson, AZ.
- Lester, R.A.** (April, 2013). Research misconduct. SLHS 649: Survival Skills and Ethics, UA, Tucson, AZ.
- Bunton, K., **Lester, R.A.**, Chong, C., Faux, C, Hoit, J. (March, 2013). Applications of nasal ram pressure for evaluating velopharyngeal function. Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.
- Lester, R.A.** (February, 2013). Grants and grantpersonship panel. SLHS 649: Survival Skills and Ethics, UA, Tucson, AZ.
- Lester, R.A.** (November, 2012). Maintaining vocal health in teachers. Music 250: Introduction to Music Education, UA, Tucson, AZ.
- Lester, R.A.** (October, 2012). Voice case studies. SPH 572: Voice Disorders, UA, Tucson, AZ.
- Lester, R.A.** (October, 2012). Evaluating and treating the professional voice user. SPH 572: Voice Disorders, UA, Tucson, AZ.
- Lester, R.A.** (October, 2012). Evaluation and treatment of voice. SPH 477: Adult Communication Disorders, UA, Tucson, AZ.
- Lester, R.A.** (October, 2012). Normal and disordered voice. SPH 477: Adult Communication Disorders, UA, Tucson, AZ.
- Lester, R.A.** (September, 2012). Modulation of the voice related to tremor and vibrato. Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.
- Lester, R.A.** (April, 2012). Evaluating voice. SPH 512: Evaluation Process in Speech-Language Pathology, UA, Tucson, AZ.
- Lester, R.A.** (October, 2011). Disordered swallowing. SPH 207: Survey of Human Communication and Its Disorders, UA, Tucson, AZ.
- Lester, R.A.** (October, 2011). Disorders of voice. SPH 207: Survey of Human Communication and Its Disorders, UA, Tucson, AZ.
- Lester, R.A.** (September, 2011). Disorders of voice. SPH 477: Communication Disorders I, UA, Tucson, AZ.
- Lester, R.A.** (October, 2011). Acoustic characteristics of respiratory-induced vocal tremor. Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.
- Lester, R.A.** (November, 2010). Evaluating and treating the professional voice user. SPH 572: Voice Disorders, UA, Tucson, AZ.
- Lester, R.A.** (October, 2010). Disorders of voice. SPH 207: Survey of Human Communication and Its Disorders, UA, Tucson, AZ.
- Lester, R.A.** (September, 2010). Evaluation and treatment of voice. SPH 477: Adult Communication Disorders, UA, Tucson, AZ.
- Lester, R.A.** (September, 2010). Normal and disordered voice. SPH 477: Adult Communication Disorders, UA, Tucson, AZ.
- Lester, R.A., & Nickerson, L.A.** (February, 2010). Review of anatomy and physiology of deglutition. SPH 577: Dysphagia, UA, Tucson, AZ.
- Lester, R.A., & Nickerson, L.A.** (February, 2010). Anatomy and physiology of deglutition: Pharyngeal stage. SPH 577: Dysphagia, UA, Tucson, AZ.

RESEARCH ADVISING

Early Career Faculty Member ASHA Pathways Mentor

Marianna Rubino, SLHS, University of Tulsa

June 2026 – present

Postdoctoral Fellow

Jessy Brown, SLHS, UT

February 2025 – December 2025

Doctoral Student Dissertation Committee Member

Jilliane Lagus, SLHS, UT

April 2026 – present

Lisa Wauters, SLHS, UT

August 2023 – July 2025

Garret Kurteff, SLHS, UT

October 2023 – June 2024

Doctoral Student Advisory Committee Chair

Nayanika Ghosh, SLHS, UT

August 2021 – August 2026

Doctoral Student Advisory Committee Member

Garret Kurteff, SLHS, UT

August 2021 – May 2023

Doctoral Student Treatise Co-Supervisor

Natalie Cummings, Butler School of Music, UT

December 2019 – April 2022

Doctoral Student Research Rotation Supervisor

Beiming Cao, Electrical Engineering, UT

September 2022 – January 2023

Fan-Yin Cheng, SLHS, UT

June 2022 – August 2022

Doctoral Student ASHA Pathways Mentor

Julianna Smeltzer, SLHS, UT Dallas

June 2026 – present

Master's Student Thesis Committee Chair

Sarah Dunn, SLHS, UT

January 2026 – present

Elizabeth Eidson, SLHS, UT

January 2023 – May 2024

Thesis: Temporal Synchrony of Frequency Modulations in Essential Vocal Tremor

Master's Student Thesis Committee Member

Garret Kurteff, SLHS, UT

April 2019 – December 2020

Thesis: Neural Responses to Naturalistic Speech Production and Perception

Master's Student Research Advisor

Chloe Proshuto, SLHS, UT

June 2024 – August 2025

Rachel Rubinstein, SLHS, UT

September 2022 – May 2023

Elizabeth Eidson, SLHS, UT

September 2022 – June 2023

Ashley Rothwell, SLHS, UT

January 2022 – August 2022

Elaina Derrick, SLHS, UT

September 2020 – May 2022

Greg Jebaily, SLHS, UT

March 2020 – July 2020

August 2019 – December 2019

January 2019 – July 2020

Master's Student Research Co-Advisor

Chi-An (Anne) Chen, CSD, NU

August – December 2017

Postbaccalaureate Student Research Advisor

Sidney Beckett, SLHS, Music, UT

May 2026 – August 2026

Elizabeth Eidson, SLHS, UT

June 2021 – August 2022

Undergraduate Student Thesis Committee Member

Sidney Beckett, SLHS, Music, UT

April 2025 – May 2026

Undergraduate Student Research Advisor

Frederick Richardson, Linguistics, UT

May 2026 – present

Kara Nelson, SLHS, UT

December 2024 – December 2025

Sai Gelivi, Chemistry, UT

December 2024 – May 2025

Sidney Beckett, SLHS, Music, UT

July 2024 – May 2025

Isabella Forestieri, SLHS, UT

June 2023 – August 2025

Elaina Derrick, SLHS, UT

August 2019 – August 2020

Melanie Looper, SLHS, UT

January 2019 – July 2020

Undergraduate Student Research Co-Advisor

Sophia Letcher, SLHS, BU

May 2016 – August 2016

Nicole Enos, Biomedical Engineering, BU

March 2016 – August 2016

TEACHING SUPERVISION

 SLH 358/158L: Anatomy and Physiology of the Speech and Hearing Mechanisms Course and Lab, UT, Austin, TX.
Assistant Instructor Supervisor

Mimi LaValley, Doctoral Student

Fall 2022

Fan-Yin Cheng, Doctoral Student

Fall 2020, Spring 2021, Fall 2021

Teaching Assistant Supervisor

Zifei Liu, Doctoral Student

Fall 2026

Keerthi Stanley, Doctoral Student

Spring 2026

Blaze Gordon, Doctor of Audiology Student

Fall 2024

Ged Pearson, Doctor of Audiology Student

Fall 2024, Fall 2025, Spring 2026

Nayanika Ghosh, Doctoral Student

Fall 2023, Spring 2024, Fall 2025, Spring 2026

Claire Reddick, Master's Student

Fall 2023, Spring 2024

Fan-Yin Cheng, Doctoral Student

Fall 2018, Spring 2019, Fall 2019

ACADEMIC ADVISING**Plan II Honors Sophomore Faculty Advisor**

Leigha Forrest, SLHS, UT

January 2022

CLINICAL SUPERVISION, TRAINING, AND MENTORING

2025	Clinical Co-Supervision and Training; 27 MS, 1 PhD, and 2 BS SLHS Students; Voice Screenings for 21 Singers; Butler School of Music, UT, Austin, TX
2025	Clinical Co-Supervision and Training; 22 MS, 1 PhD, and 2 BS SLHS Students; Voice Screenings for 44 Singers; Health Alliance for Austin Musicians, Austin, TX
2024	Clinical Co-Supervision and Training; 12 MS, 1 PhD, and 2 BS SLHS Students; Voice Screenings for 22 Singers; Health Alliance for Austin Musicians, Austin, TX
2023	Clinical Co-Supervision and Training; 9 MS and 1 PhD SLHS Students; Voice Screenings for 10 Singers; Health Alliance for Austin Musicians, Austin, TX
2022	Clinical Co-Supervision and Training; 3 MS and 1 PhD SLHS Students; Remote Voice Screenings for 7 Singers; Health Alliance for Austin Musicians, Austin, TX
2022	Clinical Supervisor; Ashley Rothwell; MS SLHS Student, UT Voice Lab, Austin, TX.
2021	Clinical Supervisor; Anna Hammer, Faria Kazi; MS SLHS Students, UT Voice Lab, Austin, TX.
2015-2016	Endoscopy Training, Victoria McKenna, Speech-Language Pathologist and Doctoral Student, Stepp Lab for Sensorimotor Rehabilitation Engineering, BU, Boston, MA
2014-2015	Co-Instructor for Residents and Physician Assistant Fellows' Voice Pathology Observations, Otorhinolaryngology, Mayo Clinic, Phoenix, AZ

2014-2015	Co-Supervisor for Arizona State University Masters-Level Clinicians' Voice Pathology Observations, Otorhinolaryngology, Mayo Clinic, Phoenix, AZ
2012-2013	Co-Supervisor, Chelsea Bayley, Clinical Fellow in Speech-Language Pathology, Outpatient Therapy, University of Arizona Medical Center, Tucson, AZ

SERVICE

2026	Texas Laryngectomy Association Scholarship Review Committee, SLHS, UT
2026	Review Panel Member; Motor Function, Speech, and Rehabilitation Study Section; Center for Scientific Review; National Institutes of Health
2026	Tenure and Professional Track Faculty Third Year Review Committee, SLHS, Moody College of Communication, UT
2025	Part-Time Faculty Annual Review Committee, SLHS, Moody College of Communication, UT
2025	Tenure and Professional Track Faculty Annual Review Committee, SLHS, Moody College of Communication, UT
2025	Chair Review Committee, SLHS, Moody College of Communication, UT
2022-present	Host, Annual Walk for Talk, Dysphonia International, Austin, TX
2022-present	Co-Coordinator, Voice Screenings for Health Alliance for Austin Musicians (HAAM), UT Speech and Hearing Center (UTSHC)
2022-2024	Founder and Coordinator, Voice Research of Texas (VoRTex) Virtual Meetings
2022	Reviewer, New Century Scholars Doctoral Scholarship, American Speech-Language-Hearing Foundation
2021-2024	Co-Editor, The Voice Newsletter, The Voice Foundation
2021, 2023	Session Chair, Voice Foundation Symposium
2020-2021	Member, Admissions Review Subcommittee, Master of Science, SLHS, UT
2020-2021	Editorial Board Member (Speech), Journal of Speech, Language, and Hearing Research (5-6 manuscript reviews per year)
2020	Member, Professor of Practice Faculty Search Committee, SLHS, UT
2020	Member, Infection Prevention and Control Work Group, SLHS, UT
2019-present	Principal Investigators Committee, Moody College of Communication, UT
2019-2022	Voice Screening Procedure Development, HAAM and UTSHC
2019	Vocal Health Education, Explore UT
2019-2020	Scholarship Review Committee, SLHS, UT
2019-present	Admissions Review Committee, MS SLHS, UT

PEER REVIEW

2025	Tremor and Other Hyperkinetic Movements
2024	Poster Judge, Voice Foundation Symposium
2021	German Research Foundation Grant
2021	Evidence-Based Communication Assessment and Intervention
2020	Poster Judge, Interprofessional Health Showcase, UT
2019	Student Poster Judge, Meeting of the Acoustical Society of America
2019	Language, Cognition, and Neuroscience
2015-2025	Journal of Voice (9 manuscripts)
2017	LSVT Global Student Small Grants
2016	ASHA Convention Program Committee, Voice and Alaryngeal Communication Track
2015-2022	Journal of Speech, Language, and Hearing Research (4 manuscripts - 1 mentored review, 3 independent reviews)
2014	EURASIP Journal on Audio, Speech, and Music Processing
2013-2023	Journal of the Acoustical Society of America (4 manuscripts - 2 mentored reviews; 2 independent reviews)
2013	Motor Speech Conference Proposals for Oral and Poster Presentations
2013-2014	Graduate and Professional Student Association Travel Grant Applications (2 applications), UA
2012-2025	American Journal of Speech-Language Pathology (5 manuscripts)

2012-2013 Institutional Review Board Applications for Human Research, SLHS, UA

MEMBERSHIPS

2022-present Pan American Vocology Association, Full Member
 2016-2018 National Postdoctoral Association
 2015 Acoustical Society of America
 2014-2015 ASHA Special Interest Group 13 for Swallowing and Swallowing Disorders
 2007-present American Speech-Language-Hearing Association (ASHA)
 2009-present ASHA Special Interest Group 3 for Voice and Voice Disorders

PROFESSIONAL CERTIFICATION AND LICENSE

2008-present Certificate of Clinical Competence in Speech-Language Pathology, American Speech-Language-Hearing Association
 2019-present Texas State License in Speech-Language Pathology, Texas Department of Licensing and Regulation, #115428
 2017-2019 Illinois State License in Speech-Language Pathology, Department of Financial and Professional Regulation, Division of Professional Regulation, State of Illinois, #146.01360
 2015-2018 Massachusetts State License in Speech-Language Pathology, Board of Speech-Language Pathology and Audiology, Division of Professional Licensure, Commonwealth of Massachusetts, #9713
 2009-2016 Arizona State License in Speech-Language Pathology, Arizona Department of Health Services, #SLP6583
 2007-2009 Virginia State License in Speech-Language Pathology, Board of Audiology and Speech-Language Pathology, Department of Health Professions, Commonwealth of Virginia, #2202005296
 2004-2005 New Mexico State License for Speech-Language Pathology Apprentice, New Mexico Regulation and Licensing Department, #3595

SPECIAL TRAININGS

2019 disABILITY Advocate Instructor Training, UT, Austin, TX
 2017 Vital Stim Plus – Neuromuscular Electrical Stimulation and Surface Electromyography Biofeedback Course, Ciao Seminars, Shirley Ryan AbilityLab, Chicago, IL
 2014 Lee Silverman Voice Treatment (LSVT) LOUD Training and Certification Course, University of Arizona
 2014 Modified Barium Swallow Impairment Profile (MBSImp) Online Student Training
 2013 Langmore Foundation Fiberoptic Endoscopic Evaluation of Swallowing (FEES) Course, Department of Otolaryngology – Head and Neck Surgery, Boston University
 2008 Lessac-Madsen Resonant Voice Therapy Training, Greater Baltimore Medical Center
 2008 Vital Stim Therapy Certification Seminar, Charlotte, NC