

# Rosemary A. Lester-Smith

Speech, Language, and Hearing Sciences • Moody College of Communication  
The University of Texas at Austin  
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September 2020

## EDUCATION

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- 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*
- 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

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- 2018–present    Assistant Professor, Speech, Language and Hearing Sciences (SLHS), Moody College of Communication, University of Texas at Austin (UT)
- 2016–2018      Postdoctoral Fellow, Physical Medicine and Rehabilitation, Feinberg School of Medicine, NU
- 2016–2018      Research Collaborator, Head and Neck Regeneration Laboratory, Mayo Clinic College of Medicine, Mayo Clinic, Scottsdale, AZ
- 2015–2016      Postdoctoral Associate, Stepp Lab for Sensorimotor Rehabilitation Engineering, Speech, Language, and Hearing Sciences, Boston University (BU), Boston, MA
- 2015            Assistant Professor, Otorhinolaryngology, Mayo Clinic College of Medicine, Mayo Clinic, Phoenix, AZ

## CLINICAL EXPERIENCE

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

## HONORS AND AWARDS – National and International

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- 2019            National Spasmodic Dysphonia Association Poster Award, Fall Voice Conference
- 2019-2020      National Institutes of Health Extramural Loan Repayment Program for Clinical Researchers
- 2018-2019      National Institutes of Health Extramural Loan Repayment Program for Clinical Researchers

2016-2018	National Institutes of Health 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**

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2019	Faculty Travel Grant, The Graduate School, UT
2018	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**

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NIH NIDCD Early Career Research Award R21DC017001-01A1  
 Lester-Smith (PI) 07/15/2019 – 06/30/2022 UT  
 Auditory-Motor Control of Voice in Individuals with Essential Vocal Tremor  
 \$446,249 (\$300,000 direct; \$146,249 indirect)

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 Cherney (PI) 10/01/2012 - 9/30/2017 NU  
 Interventions for Neurologic Communication Disorders  
 Role: Postdoctoral Fellow  
 Mentors: Charles Larson, Ph.D., and Leora Cherney, Ph.D., CCC-SLP

Arizona State University (ASU) & Mayo Clinic Collaborative Research Seed Grant ARI-195784  
 David Lott, M.D. (Mayo Clinic PI), Juergen Neubauer, Ph.D. (ASU PI) 01/01/2015 -01/01/2016  
 Neuromuscularly-Controlled In Vivo Canine Larynx: A New Experimental Platform to Study  
 Neurogenic Voice Disorders  
 Role: Co-Investigator  
 \$40,000

NIH NIDCD Ruth L. Kirschstein Predoctoral Individual National Research Service Award  
 F31DC012697 Lester (PI) 08/10/2012 - 08/10/2014 UA  
 Modulation of Voice Related to Tremor and Vibrato  
 Sponsor: Brad H. Story, Ph.D.  
 \$83,400 (direct)

## **PUBLICATIONS**

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### **Refereed Journal Articles**

- Lester-Smith, R.A.**, Daliri, A., Enos, N., Abur, D., Lupiani, A.A., Letcher, S., & Stepp, C.E (in press). The relation of articulatory and vocal auditory-motor control in typical speakers. *Journal of Speech, Language, and Hearing Research*.
- 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](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](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)].
- 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

- 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 10<sup>th</sup> International Conference on Advances in Quantitative Laryngology, Voice and Speech Research*, 63-64.

### Conference Abstracts

- 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

- 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]

### CONFERENCE PRESENTATIONS

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- 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 at 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 at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (convention cancelled).
- 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

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- 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. Presented at the 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. Presented at the 178<sup>th</sup> 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. Presented at the 178<sup>th</sup> 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. Presented at the 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. 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. Presented by C. Larson at the Conference on Motor Speech, Savannah, GA.
- Lester, R.A.**, & Story, B.H. (March, 2016). Predicting listener perception of simulated laryngeal vocal tremor using a novel measure of pitch modulation strength. Presented at the 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. Presented at the 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. Presented at the 168<sup>th</sup> 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. Presented at the 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. Presented at the 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. Presented at the 164<sup>th</sup> 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. Presented at 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. Presented at the Arizona Speech-Language-Hearing Annual Convention, Phoenix, AZ.
- Lester, R.A.**, & Story, B.H. (March, 2012). Acoustic characteristics of respiratory-induced vocal tremor. Presented at the 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. Presented at Colloquium, Department of Speech, Language, and Hearing Sciences, UA, Tucson, AZ.

## INVITED PRESENTATIONS

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- 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

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### *Instructor*

- Lester-Smith, R.A.** (Fall 2018, Spring 2019, Fall 2019, Fall 2020). SLH 358: Anatomy and Physiology of the Speech and Hearing Mechanisms, UT, Austin, TX.
- Lester-Smith, R.A.,** (Spring 2020). SLH 393V: Voice Disorders, UT, Austin, TX.

### *Adjunct Instructor*

- Lester, R.A.** (Spring 2014). SPH 557: Dysphagia, UA, Tucson, AZ.

### *Preceptor*

- Lester, R.A.** (Spring 2012). SPH 261: Anatomy and Physiology of the Speech Mechanism, UA, Tucson, AZ.
- Lester, R.A.** (Fall 2011). SPH 572: Voice Disorders, UA, Tucson, AZ.

### *Guest Lecturer*

- 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 Grantspersonship 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**

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### **Master's Student Thesis Committee Member**

Garret Kurteff, SLHS, UT

April 2019 – present

### **Master's Student Primary Research Advisor**

Elaina Derrick, SLHS, UT

September 2020 – present



Greg Jebaily, SLHS, UT

March 2020 – July 2020,  
August 2019 – December 2019

Kylie Dunne, SLHS, UT

January 2019 – July 2020

### **Master's Student Research Co-Advisor**

Chi-An (Anne) Chen, CSD, NU

August – December 2017

Sophia Letcher, SLHS, BU

May 2016 – August 2016

Nicole Enos, Biomedical Engineering, BU

March 2016 – August 2016

### **Undergraduate Student Primary Research Advisor**

Elaina Derrick, SLHS, UT

August 2019 – August 2020

Melanie Looper, SLHS, UT

January 2019 – July 2020

### **CLINICAL SUPERVISION, TRAINING, AND MENTORING**

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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**

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2020	Professor of Practice Faculty Search Committee, SLHS, UT
2020	Infection Prevention and Control Work Group, SLHS, UT
2020	Editorial Board Member (Speech), Journal of Speech, Language, and Hearing Research
2019-2020	Scholarship Review Committee, SLHS, UT
2019-2020	Admissions Review Committee, Master of Arts, SLHS, UT

### **PEER REVIEW**

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2020	Poster Judge, Interprofessional Health Showcase, UT
2019	Student Poster Judge, Meeting of the Acoustical Society of America
2019	Language, Cognition, and Neuroscience
2015, 2017, 2018, 2020	Journal of Voice
2017	LSVT Global Student Small Grants
2016	ASHA Convention Program Committee, Voice and Alaryngeal Communication Track
2015, 2017, 2019, 2020	Journal of Speech, Language, and Hearing Research (1 mentored review)
2014	EURASIP Journal on Audio, Speech, and Music Processing
2013, 2014, 2015	Journal of the Acoustical Society of America (2 mentored reviews)
2013	Motor Speech Conference Proposals for Oral and Poster Presentations
2013, 2014	Graduate and Professional Student Association Travel Grant Applications, UA
2012, 2013, 2017	American Journal of Speech-Language Pathology

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

### **MEMBERSHIPS**

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

### **PROFESSIONAL CERTIFICATION AND LICENSE**

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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**

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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