

## ADRIANNA C. SHEMBEL, Ph.D. CCC-SLP

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Department of Otolaryngology-Head and Neck  
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### EDUCATION

- Postdoctoral Research Fellow** July 2020  
NYU Langone Medical Center, School of Medicine, Voice Center  
Department of Otolaryngology  
Laboratory: Voice Research Lab, Drs. Aaron Johnson, M.M., Ph.D. CCC-SLP  
and Ryan Branski, PhD, CCC-SLP
- Doctorate of Philosophy** December 2017  
University of Pittsburgh, Communication Science and Disorders  
Laboratory: Voice Physiology and Motor Learning  
Advisor: Dr. Katherine Verdolini Abbott, PhD CCC-SLP  
Secondary Advisor: Dr. Susan Shaiman, PhD CCC-SLP  
Dissertation: Exercise-induced paradoxical vocal fold motion disorder: Clinical  
features and mechanisms
- Masters of Arts** December 2008  
University of Pittsburgh, Communication Science and Disorders
- Bachelor of Science** December 2005  
The Pennsylvania State University, Communication Sciences and Disorders  
Minors in Theater, Dance, and Music with a Voice Emphasis

### PROFESSIONAL APPOINTMENTS & EMPLOYMENT

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|-------------------|--|------------------------------|
| 08/2020 –         | Speech, Language, and Hearing, School of Behavioral and Brain Sciences, UT Dallas<br>Otolaryngology-Head and Neck, Voice Center, UT Southwestern<br>Integrative Laryngeal Physiology Lab | Assistant Professor          |
| 01/2018 – 07/2020 | NYU Langone Medical Center, School of Medicine<br>Voice Research Laboratory<br>New York, NY  | Postdoctoral Research Fellow |
| 08/2018 – 07/2020 | NYU Voice Center<br>Department of Otolaryngology – Head & Neck Surgery, New York, NY   | Speech-Language Pathologist  |
| 11/2016 – 10/2017 | Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship (F31),   | Pre-doctoral Research Fellow |

NIDCD (*sponsors: Katherine Verdolini Abbott, PhD & Christopher Hartnick, MD*)

07/2016 – 12/2017	Massachusetts Eye and Ear Infirmary; Voice and Speech Laboratory, Department of Otolaryngology Boston, MA	Speech-Language Pathologist
09/2016 – 12/2017	Academic Speech, Language, and Hearing Center, Voice Disorders and Transgender Clinic, Boston University, Boston, MA	Speech-Language Pathologist; Clinical Supervisor
08/2014 – 05/2016	University of Pittsburgh	Teaching Assistant
01/2012 – 11/01/16	University of Pittsburgh	Graduate Res. Assistant
12/2010 – 05/2016	Contractor: Genesis Rehabilitation, Albuquerque, NM	Speech-Language Pathologist
08/2012 – 05/2013	University of Pittsburgh	Teaching Assistant
01/2009 – 01/2012	University of Pittsburgh Medical Center, UPMC Voice Center, Pittsburgh, PA	Speech-Language Pathologist
01/2010 – 09/2012 (PRN)	University of Pittsburgh Medical Center, Eye and Ear Institute, Pittsburgh, PA	Speech-Language Pathologist
01/2009 – 12/2009	University of Pittsburgh Medical Center, UPMC Voice Center, Pittsburgh, PA	Clinical Fellow

## RESEARCH EXPERIENCE

09/2021 – Present	Principal Investigator	<b>The effects of high intensity focused ultrasound on vocal tremor.</b> UT Southwestern Medical Center, Dallas, TX
09/2021 – Present	Principal Investigator	<b>Motion capture development for the study of vocal muscle strain.</b> UT Dallas, Dallas, TX (UTD SPIRe grant)
02/2021 – Present	Principal Investigator	<b>Novel approaches to the study of laryngeal muscle in functional voice disorders.</b> UT Southwestern Medical Center, Dallas, TX (NIDCD R21 DC019207)
11/2019 – 07/2020	Research Assistant	<b>Mechanisms Underlying Tongue Muscle Dysfunction and Dysphagia Following Concurrent Chemoradiation Therapy.</b> NYU School of Medicine, New York, NY (R21 DC018081)
01/2019 – 07/2020	Co-Investigator	<b>Systems biology approaches for the study of the laryngeal musculoskeletal system.</b> NYU School of Medicine, New York, NY
03/2018 – 07/2020	Research Assistant	<b>Development of a visual database of vocal tract dynamics and vocal fold kinematics in professional vocal athletes across vocal styles.</b> NYU Voice Center, New York, NY
02/2018 – 07/2020	Co-Investigator	<b>Clinical characteristics in upper airway dyspnea.</b> NYU Voice Center (multi-site study), New York, NY
01/2018 – 12/2019	Research Assistant	<b>Translational study of vocal exercise dose-response.</b> NYU School of Medicine, New York, NY (NIDCD K23 DC014517)

01/2018 – 10/2018	Research Assistant	<b>High-intensity group vocal exercise to improve laryngeal function in patients with Parkinson’s Disease.</b> NYU Clinical and Translational Science Institute, New York, NY.
03/2017 – 12/2017	Research Assistant	<b>Effects of vocal therapy standard of care for children with vocal fold nodules,</b> The Massachusetts Eye and Ear Infirmary, Boston, MA
02/2017 – 05/2017	Collaborator	<b>Physiological mechanisms of vocal effort in hyperfunctional voice disorders</b> STEPP Lab for Sensorimotor Rehabilitation Engineering, Boston University, Boston, MA
01/2017 – 05/2017	Collaborator	<b>The study of relative fundamental frequency with high speed video laryngeal kinematics,</b> STEPP Lab for Sensorimotor Rehabilitation Engineering, Boston University, Boston, MA
05/2016 – 12/2017	Principal Investigator	<b>Exercise-induce paradoxical vocal fold motion disorder: Clinical features and potential mechanisms,</b> F31 NIDCD NIH, The Massachusetts Eye and Ear Infirmary, Boston, MA, Visiting Research Scholar
08/2016 – 01/2017	Collaborator	<b>Autonomic and acoustic measures during speech as a function of cognitive load in healthy older adults,</b> STEPP Lab for Sensorimotor Rehabilitation Engineering, Boston University, Boston, MA
07/2014 – 04/2016	Collaborator	<b>Diagnostic and outcome assessments for pediatric laryngeal breathing disorders,</b> Principal Investigator: Dr. Christopher Hartnick, The Massachusetts Eye and Ear Infirmary
08/2014 – 05/2016	Study Coordinator	<b>The effect of inhaled corticosteroids on vocal fold nodules in children: A pilot study,</b> Principal Investigator: Dr. Joseph Dohar, Children’s Hospital of Pittsburgh
07/2014 – 08/2015	Sub-investigator	<b>The use of questionnaires to screen for Vocal Cord Dysfunction (VCD),</b> Primary investigator: Dr. Fernando Holguin, The University of Pittsburgh Asthma Institute
08/2013 – 06/2015	Study Coordinator	<b>Prospective study of voice therapy in children: A pilot study,</b> Principal Investigator: Dr. Katherine Verdolini Abbott, PhD
05/2013 – 06/2014	Principal Investigator	<b>Comparison of measurement methods for quantifying respiratory glottal configuration,</b> University of Pittsburgh and University of Wisconsin-Madison
04/2012 – 08/2012	Research Assistant	<b>Hybrid model of vocal fold inflammation and tissue mobilization,</b> R01 NIDCD, Principal Investigator: Dr. Katherine Verdolini Abbott, Ph.D, University of Pittsburgh
09/2009 – 08/2015	Research Assistant	<b>The Prospective study on the prevention and treatment of voice problems in Teachers,</b> R01 NIDCD, Principal Investigator: Dr. Katherine Verdolini Abbott, Ph.D, University of Pittsburgh
01/2009 – 01/2012	Principal Investigator	<b>Development and validation of the Cough Severity Index (CSI),</b> University of Pittsburgh Medical Center
01/2009 – 01/2012	Co-Investigator	<b>Development and validation of the Dyspnea Index (DI),</b> University of Pittsburgh Medical Center

12/2008 – 03/2009	Research Assistant	<b>Effectiveness of voice therapy in teachers</b> , under the direction of Dr. Katherine Verdolini, PhD, CCC-SLP, University of Pittsburgh.
08/2007 – 01/2008	Research Assistant	<b>Psychobiological effects of stress on laryngeal function and voice</b> , Maria Dietrich, PhD candidate, M.A., CCC-SLP, University of Pittsburgh.
08/2006 – 08/2007	Research Assistant	<b>The Efficacy of Voice Therapy for Phonotrauma in Teachers</b> , under the direction of Dr. Katherine Verdolini, PhD, CCC-SLP, University of Pittsburgh.
08/2004 – 12/2005	Research Assistant	<b>Diversity and Culture Considerations for AAC Users</b> , under the direction of Rhonda Davis, M.A., CCC-SLP, The Pennsylvania State University

### PEER-REVIEWED PUBLICATIONS

- Abur, D., MacPherson, M.K., **Shembel, A.C.**, Stepp, C.E. (2021). Acoustic measures of voice and physiologic measures of autonomic arousal during speech as a function of cognitive load in older adults. *Journal of Voice*.
- Gartner-Schmidt, J.L., **Shembel, A.C.**, Zullo, T.G., Rosen, C.A. (2014). Development and validation of the Dyspnea Index (DI): A severity index for upper-airway related dyspnea. *Journal of Voice*, 28(6), 775-782. DOI: <http://dx.doi.org/10.1016/j.jvoice.2013.12.017>
- Hartnick, C., Ballif, C., De Guzman, V., Sataloff, R., Campisi, P., Kerschner, J., **Shembel, A.C.**, Reda, D., Shi, H., Zacny, E., Bunting, G. (2017). Indirect vs Direct Voice Therapy for Children with Vocal Nodules: A Randomized Clinical Trial. *JAMA Otolaryngology–Head & Neck Surgery*, 144(2), 156-163.
- Lenell, C., **Shembel, A. C.**, & Johnson, A. M. (2020). Preparation of the Rat Vocal Fold for Neuromuscular Analyses. *JoVE (Journal of Visualized Experiments)*, (159), e61327.
- McKenna, V. S., Diaz-Cadiz, M. E., **Shembel, A. C.**, Enos, N. M., & Stepp, C. E. (2019). The relationship between physiological mechanisms and the self-perception of vocal effort. *Journal of Speech, Language, and Hearing Research*, 62(4), 815-834.
- Shembel, A.C.**, (2016). Underlying mechanisms in episodic laryngeal breathing disorders. *Perspectives of the ASHA Special Interests Groups*. 1(SIG 3):83. DOI:10.1044/persp1.SIG3.83.
- Shembel, A.C.**, Childs, L., Atkinson, C. (accepted – in proof). Clinical case study: Muscle tension dysphonia. *Perspectives of the ASHA Special Interests Groups*.
- Shembel, A.C.**, Hartnick, C., Bunting, G., Ballif, C., Shaiman, S., de Guzman, V., Verdolini Abbott, K. (2018). Perceptual clinical features in exercise-induced laryngeal obstruction (EILO): Towards improving diagnostic approaches. *Journal of Voice*. DOI: 10.1016/j.jvoice.2018.05.006.
- Shembel, A.C.**, Hartnick, C., Bunting, G., Ballif, C., Vanswearingen, J., Shaiman, S., Johnson, A., de Guzman, V., Verdolini Abbott, K. (2018). The study of laryngoscopic and autonomic patterns in exercise-induced laryngeal obstruction. *Annals of Otolaryngology, Rhinology, and Laryngology*. 127(11), 754-762. doi.org/10.1177/0003489418796524
- Shembel, A.C.**, Kanshin, E., Ueberheide, B., Johnson, A.M. (2021). Proteomic characterization of senescent laryngeal adductor and plantaris hindlimb. *The Laryngoscope*. <https://doi.org/10.1002/lary.29683>
- Shembel, A.C.**, Lee, J., Sacher, J.R., Johnson, A.M. (accepted – in proof) Characterization of primary muscle tension dysphonia using acoustic and aerodynamic voice metrics. *Journal of Voice*.

**Shembel, A. C.,** Lenell, C., Chen, S., & Johnson, A. M. (2021). Effects of vocal training on thyroarytenoid muscle neuromuscular junctions and myofibers in young and older rats. *The Journals of Gerontology: Series A*, 76(2), 244-252. <https://doi.org/10.1093/gerona/glaa173>.

**Shembel, A. C.,** Rosen, C. A., Zullo, T. G., & Gartner-Schmidt, J. L. (2013). Development and validation of the cough severity index: A severity index for chronic cough related to the upper airway. *The Laryngoscope*, 123(8), 1931-1936. DOI: 10.1002/lary.23916

**Shembel A.C.,** Kolouri S., Xu H., Verdolini Abbott K. (2015). Quantification of respiratory laryngeal morphometry: comparison of laryngeal lumen angle estimate methods. *Journal of Voice*. DOI:10.1016/j.jvoice.2015.10.011.

**Shembel A.C.,** Sandage M.J., Verdolini Abbott K (2017). Episodic Laryngeal Breathing Disorders: Literature review and proposal of preliminary theoretical framework. *Journal of Voice*. 31(1), 125-e7. DOI:10.1016/j.jvoice.2015.11.027.

**Shembel, A. C.,** Siu, Y., Lhakhang, T., Ash, L., Jones, D., & Johnson, A. M. (2021). Metabolomic Expression of Laryngeal and Hindlimb Muscles in Adult versus Senescent Rats. *Annals of Otolaryngology & Rhinology & Laryngology*, 00034894211014692.

Verdolini Abbott, K., Barton, F.B., Terhorst, L., **Shembel, A.C.** (2016). Retrospective studies: A fresh look. *American Journal of Speech-Language Pathology*, 25, 157-163. DOI:10.1044/2016\_AJSLP-16-0025.

## PUBLICATIONS IN SUBMISSION/REVIEW

## BOOK CHAPTERS

**Shembel, A.C.,** Milan, A., Kwak, P. (2019). Future Directions in Chronic Cough Management. Chronic Cough. Plural Publishing.

## SKILLS & TECHNICAL EXPERIENCE

Flexible nasoendoscopy and rigid laryngoscopy	Clinical competencies: Boston University (met 11/21/17) Massachusetts Eye and Ear Infirmary (met 1/27/2017)	11/2016 – present
	Emory Voice Center Laryngeal Imaging and FEES Course (completed 2/1/2016)	
Acoustic analysis with PRAAT and KayPENTAX Computerized Speech Lab (CSL) (model 4500)	Clinical competencies: UPMC University of Pittsburgh Voice Center School of Health and Rehabilitation Sciences, University of Pittsburgh Massachusetts Eye and Ear Infirmary Boston University STEPP Lab	8/2007 – present
Acoustic ultrasonic vocalization recording (Avisoft) and analysis (DeepSqueak)	NYU Medical Center Johnson Voice Research Lab	1/2018 – present
Aerodynamic Assessment with KayPENTAX Phonatory Aerodynamic System (PAS) (model 6600)	Clinical competencies: UPMC University of Pittsburgh Voice Center School of Health and Rehabilitation Sciences, University of Pittsburgh Massachusetts Eye and Ear Infirmary	8/2007 – present

	Boston University STEPP Lab	
RNA Extraction	NYU Medical Center Johnson Voice Research Lab	1/2018 – present
Cryosectioning, immunohistochemistry, confocal microscopy	NYU Medical Center Johnson Voice Research Lab	1/2018 – present

## TEACHING & SUPERVISION EXPERIENCE

### University of Texas at Dallas

08/2020 –	Voice Disorders Behavioral and Brain Science CSD (Masters of Arts)	Assistant Professor
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### New York University

01/2018 – 01/2019	Voice Disorders Steinhardt CSD (Masters of Arts)	Adjunct Lecturer
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### Boston University

06/2016 – 12/2017	Clinical supervisor and coordinator: BU Voice Disorders Clinic	Adjunct Professor
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08/2017 – 12/2017	Clinical director: Center for Transgender Voice and Speech Communication	Adjunct Professor
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### Rutgers University

01/2016 – 05/2016	Anatomy and Physiology of the Speech Mechanism (remote course)	Adjunct Professor
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### University of Pittsburgh

Laboratory in Speech Science		Spring 2016 Spring 2015 Spring 2013
Laboratory in Anatomy & Physiology of Speech		Fall 2015 Fall 2014 Fall 2013

## CONFERENCE PODIUM PRESENTATIONS

*Effects of Age and Vocal Exercise on Laryngeal Muscle Structure and Function*

2019 Fall Voice Conference, Dallas, TX, October 19, 2019

*Debate the Doctors, Oxford Style! Management of Vocal Bumps, Bowing, & Chronic cough*

2018 ASHA Convention, SIG 3 Short Course, Boston, MA, November 16, 2018

*Treatment of Exertion-Induced Paradoxical Vocal Fold Motion using Buteyko Breathing Technique (BBT)*

2018 ASHA Convention, Technical Research, Boston, MA, November 15, 2018

*Irritable Larynx Syndrome: What does it really mean?*

2018 Fall Voice Conference, Seattle, WA, October 24, 2018

*Potential cognitive influences on treatment outcomes in pediatric voice therapy: A pilot study.*

45<sup>th</sup> Annual Voice Foundation Symposium, Philadelphia, PA, June 4<sup>th</sup> 2016.

*Exercise-Induced Laryngeal Obstruction: Features & Mechanisms*

New Investigators Forum, Voice Foundation, June 4<sup>th</sup> 2016

*Comparison of quantification methods in measurement of glottal configuration in respiration*  
43<sup>rd</sup> Annual Voice Foundation Symposium, Philadelphia, PA

*Dyspnea Index (DI) and Cough Severity Index (CSI): Development and Validation*  
UCSF Fall Voice Conference 2011

*Comparison of Quantification Methods in Measurement of Glottal Configuration During Respiration*  
Atlanta Fall Voice Conference (Poster presentation)  
Multi-Institutional Voice Research Rounds (MIVRR) (Guest lecture)  
University of Pittsburgh Research Rounds (Guest lecture)

*Development and Validation of the Dyspnea Severity Index (DSI)*  
39<sup>th</sup> Annual Voice Foundation Symposium, Philadelphia, PA

### PEER-REVIEWED POSTER PRESENTATIONS

McKenna, V.S., Diaz-Cadiz, M.E., **Shembel, A.C.**, Enos, N.M., & Stepp, C.E. (2018). "The Relationship Between Physiological Mechanisms and the Self-perception of Vocal Effort," 3<sup>rd</sup> Annual Boston University Data Science Day, Boston, MA.

(2<sup>nd</sup> place: Best Poster Award)

*Autonomic and Acoustic Measures during Speech as a Function of Cognitive Load in Healthy Older Adults*  
Megan K. MacPherson, PhD, **Adrianna C. Shembel, MA, CCC-SLP**, Defne Abur, BS, Cara E. Stepp, PhD  
46<sup>th</sup> Annual Voice Foundation Symposium: Care of the Professional Voice  
May 31<sup>st</sup> – June 4<sup>th</sup>, 2017

*Comparison of quantitative methods in measurement of glottal configuration during respiration*  
Adrianna Shembel, MA CCC-SLP  
The Fall Voice Conference  
October 17-19, 2013  
Atlanta, Georgia

### INVITED EDUCATIONAL SEMINARS

*Functional Laryngeal Disorders*

Texas Speech-Language Hearing Association (TSHA) Continuing Education Webinar, May 19, 2021

*No Acoustics, No Aero, No Problem! Voice Diagnostics for the Community SLP*

Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (2020, November; Convention canceled).

### INVITED LECTURES

*Functional Laryngeal Muscle Disorders: From the Clinic to the Bench and Back*  
GBMC Laryngology Grand Rounds, September 13, 2019

Ohio State University Grand Rounds, March 30, 2020

*Laryngeal Aerodigestive Disorders: Paradoxical Vocal Fold Motion Disorder & Chronic cough*  
Purdue University Voice Disorders Masters Class, March 26<sup>th</sup>, 2019; April 23<sup>rd</sup>, 2019

*ASHA PhD Panel*

2018 ASHA Convention, Boston, MA, November 17, 2018

*Quantification of respiratory laryngeal morphology*  
UCSF Grand Rounds, June 28, 2018

*Motor learning & Indirect Treatment Approaches for the Speech Language Pathologist*  
 NYU Steinhardt, Department of Speech-Language Pathology, April 16, 2018

*Voice & Communication Modification for the Transgender & Gender Nonconforming Client*  
 MGH IHP, Department of Communication Sciences & Disorders, April 3, 2018  
 NYU Steinhardt, Department of Speech-Language Pathology, April 12, 2020

*Vocometry and Instrumentation for the Voice Disorders Laboratory*  
 NYU Steinhardt, Department of Speech-Language Pathology, April 2, 2018

*Paradoxical Vocal Fold Motion Disorder / Chronic Cough for the Speech-Language Pathologist*  
 University of Pittsburgh, Department of Communication Science and Disorders, March 29<sup>th</sup>, 2018

*Paradoxical Vocal Fold Motion Disorder: Information for the ENT Resident*  
 NYC Langone Health, Department of Otolaryngology, March 14, 2018

*Anatomy & Physiology of the Larynx*  
 NYU Steinhardt, Department of Speech-Language Pathology, February 20, 2018

*Voice & Communication Modification for the Transgender & Gender Nonconforming Client*  
 Boson Medical Center, Department of Speech-Language Pathology, December 21, 2017

*Exercise-induced paradoxical vocal fold motion disorder: Clinical features and potential mechanisms*  
 Massachusetts Eye and Ear Infirmary, Department of Otolaryngology Grand Rounds, December 21, 2016

*Ethical Considerations in the Voice Disorder Outpatient Clinical Setting (teleconference)*  
 Seton Hall, April 19, 2016

*Measurements of Phonation: Speech Science (CSD 1026)*  
 University of Pittsburgh, April 4<sup>th</sup> and 6<sup>th</sup>, 2016

*Introduction to Voice Disorders (CSD1230)*  
 University of Pittsburgh, March 23, 2016

*Respiratory Physiology: Speech Science (CSD 1026)*  
 University of Pittsburgh, February 22 & 24, 2016

*Cranial Nerves: Anatomy & Physiology of Speech*  
 University of Pittsburgh, November 17 & 19, 2015

*Episodic Laryngeal Breathing Disorders in Adolescent Athletes: Dissertation Proposal Think Aloud*  
 Research Round Table, University of Pittsburgh, October 7, 2015

*Intrinsic Laryngeal Muscles: Anatomy & Physiology of Speech*  
 University of Pittsburgh, September 24 & 29, 2015

*Paradoxical Vocal Fold Motion Disorder (PVFMD) and Chronic Cough (CC): The SLP's Role*  
 Graduate Voice Disorders Class Presentation at the University of Hawaii 2013  
 Graduate Voice Disorders Class Presentation at Duquesne University 2013-2015  
 Graduate Voice Disorders Class Presentation at the University of Pittsburgh 2012-2015

*Have you talked to your larynx today? Voice Care and Medicine in the Older Citizen*  
 Voice Outreach, Carnegie Mellon University; McConomy Auditorium, Pittsburgh, PA

*Dyspnea Index (DI) and Cough Severity Index (CSI): Development and Validation*  
 UPMC 4<sup>th</sup> Annual Voice Therapy Conference, Pittsburgh, PA

*Paradoxical Vocal Fold Motion Disorder (PVFMD) and Chronic Cough (CC) Therapy*  
 UPMC 4<sup>th</sup> Annual Voice Therapy Conference, Pittsburgh, PA

*Periodic Occurrence of Laryngeal Obstruction (POLO)*

Presentation at UPMC Voice Center Grand Rounds, Pittsburgh, PA

*“What to Know Before the Curtain Goes Up” (Voice Outreach Presentation)*

Bach Choir of Pittsburgh

Seneca Valley District Choir

Shaler Area School District

*Behavioral Treatment for Paradoxical Vocal Fold Motion Disorder (PVFMD) & Chronic Cough (CC)*

The American Osteopathic Colleges of Ophthalmology and Otolaryngology

96<sup>th</sup> Annual Clinical Assembly of the AOCOO-HNS Foundation, Palm Springs, CA, May 9-13, 2012

**AWARDS AND HONORS**

Voice Foundation New Investigator Research Forum awardee	2016
Sword of Honor – excellence and dedication in music from Sigma Alpha Iota fraternity	2005
National Society of Collegiate Scholars	2001

**GRANTS AND SOURCE OF FUNDING**

Seed Program for Interdisciplinary Research (SPIRe) University of Texas at Dallas	09/01/2021- 08/31/222
NIDCD R21 Early Career Researcher R21 DC019207 Novel approaches to the study of laryngeal muscle in functional voice disorders	02/01/2021- 01/31/2024
NIDCD F31 Grant Fellowship F31DC015752-01A1 Exercise-induced paradoxical vocal fold motion disorder: Clinical feature characteristics and potential mechanisms	11/01/2016- 10/31/2017
ASHA Foundation Lessons for Success	2017
School of Health and Rehabilitation Sciences Research Development Fund	2016-2017
Audrey Holland Award recipient, University of Pittsburgh, Department of Communication Science and Disorders	2016

**PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS**

Sigma Alpha Iota – professional music fraternity for women	2001 – Present
ASHA Special Interest Group 3 – Voice and Voice Disorders	2008 – Present
The American Speech-Language-Hearing Association (ASHA)	2010 – Present
The Voice Foundation	2008 – 2019
Multi-Institution Voice Research Rounds (MIVRR) – President	2012 – 2018
Health and Human Development Honors Society	2004 – 2005

**LICENSURE AND CERTIFICATIONS**

Lessac-Madsen Resonant Voice Therapy (LMRVT)	2008 – Present
The American Speech-Language-Hearing Association (ASHA)	2010 – Present
Texas State Licensure	2020 – Present

New York State Licensure	2018 – Present
Massachusetts State Licensure	2016 – 2020
Transgender Voice and Communication Training for Voice Clinicians	2017
Pennsylvania State Licensure	2010 – 2018

### **SERVICE TO PROFESSION AND LEADERSHIP**

Reviewer for <i>Physical Therapy &amp; Rehabilitation</i>	05/2021 – Present
Reviewer for <i>Journal of Voice</i>	06/2016 – Present
Reviewer for <i>Laryngoscope</i>	04/2020 – Present
2020 ASHA Convention Committee for SIG 3 Voice and Upper Airway Disorders	10/2019 – 06/2020
Postdoc Training Assertive and Inclusive Leaders (TRAIL) Leadership Curriculum Committee Member	01/2020 – 07/2020
TRAIL Fitness Committee Coordinator	01/2020 – 07/2020
Postdoc Writing Accountability Group (WAG) Director	02/2020 – 05/2020
Multi-Institution Voice Research Rounds (MIVRR): M.A. and Ph.D. Student mentor for students interested in voice disorder research	08/2012 – 01/2019
Laboratory Coordinator and undergraduate student mentor: Voice Disorders and Motor Learning Laboratory	01/2012 – 12/2017
Ph.D. Graduate Student Representative: CSD Faculty Meetings, faculty candidate search, research and education committees	03/2013 – 04/2016

### **COMMUNITY INVOLVEMENT & OUTREACH**

Concord-Carlisle High School Voice and Speech Outreach	03/27/2017
UPMC Voice Center Educational and Vocal Outreach Coordinator	01/2010 – 01/012

### **MEDIA**

<a href="#">“You’ll say nothing”</a> A documentary video project on the relationship between trauma and voice ISST Media Award 2017 Director: Elisa Monti	2016
<a href="#">“Have you talked to your larynx today?”</a> Carnegie Mellon Osher Lifelong Learning	2011

### **TEACHING AREAS/COURSES**

Voice Disorders  
 Anatomy and Physiology of Speech and Swallowing  
 Speech Science  
 Research Methods and Measurements  
 Human Physiology  
 Fundamentals of Evidence-Based Practice  
 Professional Issues in Speech-Language Pathology