

Leah B. Helou, PhD, CCC-SLP
CURRICULUM VITAE

BIOGRAPHICAL INFORMATION

Business Address:	Department of Communication Science & Disorders School of Health & Rehabilitation Sciences University of Pittsburgh 6080 Forbes Tower 3600 Forbes Avenue, Pittsburgh PA 15260	Email Address: lbh7@pitt.edu Business Phone: (412) 383-6541 Business Telefax: (412) 383-6613
--------------------------	---	---

EDUCATION and TRAINING

UNDERGRADUATE

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
August 1998 – May 2002	College of Allied Health Sciences East Carolina U., Greenville, NC	Bachelor of Science <i>Magna cum Laude</i> , 2002	Communication Science & Disorders

GRADUATE

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
August 2002 – August 2004	Columbian College of Arts & Sciences George Washington U., Washington, DC <i>Thesis title: Qualitative and quantitative measures of vocal parameters following average intake of caffeinated and non-caffeinated beverages</i>	Master of Arts, 2004	Speech & Hearing Sciences
August 2010 – April 2014	School of Health & Rehabilitation Sciences University of Pittsburgh, Pittsburgh, PA <i>Dissertation title: Intrinsic laryngeal muscle response to a speech preparation stressor: Personality and autonomic predictors</i>	Doctor of Philosophy, 2014	Communication Science & Disorders

POST-DOCTORAL

<u>Dates Attended</u>	<u>Name and Location of Institution</u>	<u>Degree Received, Year</u>	<u>Major Discipline</u>
May 2014 – Dec 2018	Systems Neuroscience Institute, University of Pittsburgh, Pittsburgh, PA	N/A	Neurobiology

APPOINTMENTS and POSITIONS

ACADEMIC POSITIONS

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
Jan 2006 – Jun 2006	Department of Human Communication Disorders California State University, Fullerton, CA	Adjunct Faculty Member
Sept 2006 – Jun 2007	Department of Speech & Hearing Science George Washington University, Washington, DC	Clinical Supervisor (Voice Disorders, Accent Mod & AAC Tracks)
Aug 2009 – Apr 2014	Department of Communication Science & Disorders University of Pittsburgh, Pittsburgh, PA	Graduate Student Researcher
Aug 2011 – Dec 2013	John G. Rangos, Sr. School of Health Sciences Duquesne University, Pittsburgh, PA	Adjunct Faculty Member
Jan 2014 – May 2016	School of Arts and Sciences Rutgers University, New Brunswick, NJ	Adjunct Faculty Member
Jul 2014 –	Systems Neuroscience Institute	Post-doctoral Associate

Dec 2017	University of Pittsburgh School of Medicine, Pittsburgh, PA	
Jan 2018 – Present	Department of Communication Science & Disorders University of Pittsburgh, Pittsburgh, PA	Assistant Professor
Jul 2021 – Present	Clinical and Translational Science Institute University of Pittsburgh, Pittsburgh, PA	Invited Secondary Appointment

NON-ACADEMIC POSITIONS

<u>Years Inclusive</u>	<u>Department, Name and Location of Institution</u>	<u>Rank/Title</u>
Jan 2005 – Sept 2005	Speech-Language Pathology Maxum Physical Therapy, Inc., Placentia, CA	Clinical Fellow in SLP
Sept 2005 – Sept 2006	Speech-Language Pathology Maxum Physical Therapy, Inc., Placentia, CA	Director of Voice Programs
Oct 2006 – May 2007	RehabCare Staffing, Washington DC	SLP
Jun 2007 – Nov 2012	Henry M. Jackson Foundation for the Advancement of Military Medicine, Bethesda, MD	Research Associate in SLP
Feb 2011 – Dec 2017	University of Pittsburgh Voice Center, Pittsburgh, PA	SLP; Director of Transgender Voice Program

CERTIFICATION and LICENSURE**SPECIALTY CERTIFICATION**

Certified Member, American Speech-Language and Hearing Association (ASHA), #12110555 2005 – present

PROFESSIONAL LICENSURE

Licensed SLP, Commonwealth of Pennsylvania, #SL010249 2011 – present
 Licensed SLP, State of Virginia, #2202005142 Nov 2006 – Dec 2009
 Licensed SLP, State of California, #15230 Nov 2005 – Nov 2006

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC ENTITIES**ORGANIZATIONS**

Member, ASHA Special Interest Division 2 (Neurogenic Communication Disorders) Dec 2016 – present
 Member, Society for Neuroscience Sept 2014 – present
 Member, Center for the Neural Basis of Cognition July 2014 – present
 Member, ASHA Special Interest Group 3 (Voice Disorders) Jan 2005 – present

HONORS and AWARDS

First Place Awardee (\$15K) for the Chancellor's Award for Innovation in Research 2019
 Certificate of Recognition for Special Contributions in Multicultural Affairs of the ASHA 2018
 Visiting Professor at Wake Forest University School of Medicine 2018
 Laryngology Education Foundation Travel Grant (awarded to top abstract submissions) 2017
 American Speech-Language-Hearing Association Lessons for Success 2016
 Honors of the Southwestern PA Speech-Language and Hearing Association 2014
 ASHFoundation New Century Scholars Doctoral Scholarship 2013
 Audrey Holland Endowed Research Award, University of Pittsburgh 2011
 Bruce Baker Travel Award, University of Pittsburgh 2011
 The Columbian Women Scholarship, George Washington University 2004
 Columbian College of Arts & Sciences Graduate Teaching Assistantship 2002 – 2003

PUBLICATIONS

ORIGINAL PEER-REVIEWED ARTICLES

* equal authorship; ** student trainee; last place for Helou denotes senior/PI role

1. Henry LR, Shaha A, Solomon N, Howard R, Gurevich-Uvena J, **Horst L**, Orlikoff R, Libutti S, Stojadinovic A. (2008, July). The functional impact on voice of sternothyroid muscle division during thyroidectomy. *Annals of Surg Onc.* 15(7): 2027-33.
2. Henry LR, **Helou LB**, Solomon NP, Howard RS, Gurevich-Uvena JG, Coppit GL, Stojadinovic A. (2010, June). Functional voice outcomes after thyroidectomy: An assessment of the Dysphonia Severity Index (DSI) after thyroidectomy. *Surgery.* 147(6):861-70.
3. **Helou LB**, Solomon NP, Henry LR, Coppit GL, Howard RS, Stojadinovic A. (2010, August). The role of listener experience on Consensus Auditory-perceptual Evaluation of Voice (CAPE-V) ratings of postthyroidectomy voice. *American Journal of Speech-Language Pathology.* 19(3):248-58.
4. Solomon NP, **Helou LB**, Stojadinovic A. (2011, January). Clinical versus laboratory ratings of voice using the CAPE-V. *Journal of Voice.* 25(1):e7-14.
5. Awan S, **Helou LB**, Stojadinovic A, Solomon NP. (2011, April). Tracking voice change after thyroidectomy: application of spectral/cepstral analyses. *Clinical Linguistics & Phonetics.* 25(4):302-20.
6. Solomon NP, **Helou LB**, Dietrich-Burns K, Stojadinovic A. (2011, February). Do obesity and weight loss affect vocal function? *Seminars in Speech & Language.* 32(1):31-42.
7. Stevens K, Stojadinovic A, **Helou LB**, Solomon NP, Howard RS, Shriver CD, Buckenmaier, CC, Henry LR. (2011). The impact of recurrent laryngeal neuromonitoring on multi-dimensional voice outcomes following thyroid surgery. *Journal of Surgical Oncology.* 105(1):4-9.
8. Solomon, NP, **Helou, LB**, Makashay, MJ, Stojadinovic, A. (2012). Aerodynamic evaluation of the post-thyroidectomy voice. *Journal of Voice.* 26(4), 454-461.
9. Henry LR, **Helou LB**, Solomon NP, Chang A, Libutti SK, Stojadinovic A. (2012). Current practice patterns regarding the conduct of thyroidectomy and parathyroidectomy amongst surgeons-A survey study. *Journal of Cancer.* 3: 207-216.
10. Solomon NP, Awan SN, **Helou LB**, Stojadinovic A. (2012). Acoustic analyses of thyroidectomy-related changes in vowel phonation. *Journal of Voice.* 26(6): 711-20.
11. Radowsky J, **Helou LB**, Solomon NP, Henry LR, Stojadinovic A. (2013). Racial disparities in voice outcomes following thyroid and parathyroid surgery. *Surgery.* 153(1), 103-10.
12. Awan SN, Solomon NP, **Helou LB**, Stojadinovic A. (2013). Spectral/cepstral estimation of dysphonia severity: external validation. *Annals of Otolaryngology, Rhinology and Laryngology.* 122(1), 40-48.
13. Solomon NP, Henry LR, **Helou LB**, Howard RS, Coppit G, Shaha AR, Stojadinovic A. (2013). Utility of the Voice Handicap Index as an indicator of postthyroidectomy voice dysfunction. *Journal of Voice.* 27(3), 348-354.
14. **Helou LB**, Wang W, Ashmore R, Rosen CA, Verdolini Abbott, K. (2013). Intrinsic laryngeal muscle activity in response to autonomic nervous system activation. *Laryngoscope.* 123(11), 2756-65.
15. Ingle J, **Helou LB**, Li YK, Hebda PA, Rosen CA, Verdolini Abbott K. (2014). Role of steroids in acute phonotrauma: a basic science investigation. *Laryngoscope.* 124(4), 921-7.
16. Gillespie AI, **Helou LB**, Ingle JW, Baldwin M, Rosen CA. (2014). The role of voice therapy in the treatment of dyspnea and dysphonia in a patient with vagal nerve stimulation. *Journal of Voice,* 28(1), 59-61.
17. Nagle KF, **Helou LB**, Solomon NP, Eadie T. (2014). Does the presence or location of graphic markers affect untrained listeners' ratings of severity of dysphonia? *Journal of Voice.* 28(4): 469-75.
18. Vicente DA, Solomon NP, Avital I, Henry LR, Howard RS, **Helou, L.B**, Stojadinovic A. (2014). Voice outcomes after total thyroidectomy, partial thyroidectomy, or non-neck surgery using a prospective multifactorial assessment. *Journal of the American College of Surgeons.* 219(1): 152-63.
19. Solomon NP, Makashay MJ, **Helou LB**, Clark HM. (2017). Neurogenic orofacial weakness and speech in adults with dysarthria. *American Journal of Speech Language Pathology,* 26(3):951-960. doi: 10.1044/2017_AJSLP-16-0144
20. **Helou LB.** (2017). Crafting the dialogue: Meta-therapy in transgender voice and communication training. *Perspectives of the ASHA Special Interest Groups.* SIG 10, Vol 2(Part 2).

21. Ziegler A, Henke T, Wiedrick J, **Helou LB**. (2018). Effectiveness of Testosterone Therapy for Masculinizing Voice in Transgender Patients: A Meta-Analytic Review. *International Journal of Transgenderism*, 19:1, 25-45, DOI:10.1080/15532739.2017.1411857
22. Lipski WJ, Alhourani A, Pirnia T, Jones PW, Dastolfo-Hromack C, **Helou LB**, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Turner RS, Fiez JA, Richardson RM. (2018). Subthalamic nucleus neurons differentially encode early and late aspects of speech production. *Journal of Neuroscience*, 38(24): 5620-5631. doi: 10.1523/JNEUROSCI.3480-17.2018
23. **Helou LB**, Rosen CA, Wang W, Verdolini Abbott K. (2018). Intrinsic laryngeal muscle response to a public speech preparation stressor: characterizing the response (Part I). *Journal of Speech, Language, and Hearing Research*, 61(7): 1525-1543. doi: 10.1044/2018_JSLHR-S-17-0153.
24. **Helou LB**, Wang Wei, Rosen CA, Verdolini Abbott K. (2020) Intrinsic Laryngeal Muscle Response to a Public Speech Preparation Stressor: Personality and Autonomic Predictors (Part II). *Journal of Speech, Language, and Hearing Research*, 63(9): 2940-2951. doi: 10.1044/2020_JSLHR-19-00402
25. **Helou LB**, van Stan J, Hapner E, Schneider S, Gartner-Schmidt J. (2021) Mapping meta-therapy in voice interventions onto the Rehabilitation Treatment Specification System. *Seminars in Speech and Language*, 42(1), 5-18. <https://doi.org/10.1055/s-0040-1722756>
26. **Helou LB**, Welch B**, Wang W, Rosen CA, Verdolini Abbott K. (2021) Intrinsic Laryngeal Muscle Activity During Subvocalization. *Journal of Voice*. <https://doi.org/10.1016/j.jvoice.2021.01.021>
27. Welch BM**, van Mersbergen M, **Helou LB**. (2021) Listeners' perceptions of speaker personality traits based on speech. *Journal of Speech, Language and Hearing Research*, 64(12), 4762-4771.
28. Welch BM** and **Helou LB**. (2022) Measuring communicative congruence and dysphoria in a sample of individuals without voice disorders. *JSLHR*, 65(9):3420-3437. doi: 10.1044/2022_JSLHR-21-00459
29. Becker DR**, Welch BM**, Monti E, Sullivan H, **Helou LB**. (2022) Investigating past trauma in laryngoresponders versus non-laryngoresponders: Piloting new methods in an exploratory study. *Journal of Voice*. *Online ahead of print*. doi: 10.1016/j.jvoice.2022.05.011
30. **Helou LB**, Welch BM**, Hoch SD**, Gartner-Schmidt J. Prevalence of self-identified laryngoresponders in the general population. *Journal of Speech, Language and Hearing Research*. In press.
31. **Helou LB** and Dum R. Volitional inspiration is mediated by two independent networks in the primary motor cortex. *Journal of Comparative Neurology*. Accepted with minor revisions.

MANUSCRIPTS CURRENTLY UNDER PEER REVIEW

1. Welch BM**, Gold K**, Petrov A, Gartner-Schmidt J, **Helou LB**. Maximum glottal angle in patients with functional and organic laryngeal pathologies compared to healthy controls. *Journal of Voice*. In review.

BOOKS AND BOOK CHAPTERS

1. Solomon NP and **Helou LB**. (2013). Aerodynamic assessment of phonation: Avoiding common mistakes. In R. Scherer & K. Verdolini Abbott (Eds.). *Tribute book for Ingo R. Titze*, National Center for Voice and Speech, Salt Lake City.
2. Ziegler A, **Helou LB**, Gillespie A. (2015). Respiratory-phonatory interaction: current understanding and potential directions. *The Voice*. Vol 20(1).
3. **Helou LB**, Jeswani S, Branski RC. (2018). Functional Voice Disorders: Theory and Treatment, in Amin M. (Ed). *International Textbook of Otolaryngologic Principles and Practice*. Jaypee Brothers Medical Publishers, Philadelphia; (in press).
4. **Helou LB** and Hirsch S. (2018). Discharge and Maintenance, in *Voice and Communication Therapy for the Transgender Client: A Comprehensive Clinical Guide*, Third Edition.
5. **Helou LB**. (2019). Beyond successful voice therapy techniques and tasks: The concept of meta-therapy, in Stemple and Hapner (Ed.) *Voice Therapy: Clinical Case Studies*, Fifth Edition.

PUBLISHED ABSTRACTS

1. Lipski WJ, Alhourani A, Pirnia T, Jones PW, Dastolfo-Hromack C, **Helou LB**, Crammond DJ, Shaiman S, Dickey MW, Holt LL, Litman D, Turner RS, Fiez JA, Richardson RM. (2017, November 11-15). Speech encoding in the human subthalamic nucleus. Nanosymposium presentation at Neuroscience 2017, Washington DC.
2. **Helou LB**, Dum R, Strick PL. (2017, November 11-15). Two representations of the diaphragm in the primary motor cortex. Neuroscience 2017, Washington DC.
3. **Helou LB**, Michlich JM**, & Bostan AC. (Nov 2021) Cerebral cortical control of the posterior cricoarytenoid muscle in nonhuman primates. Neuroscience 2021, Official conference of the Society for Neuroscience, Virtual.

ABSTRACTS

Abstracts from Podium Presentations

1. **Horst LB**, Henry L, Solomon N, Coppit G, Howard S, Stojadinovic A. (2009, June 1-5). Ratings of post-thyroidectomy voice quality by experienced and inexperienced listeners. ENT World Congress, Sao Paulo, Brazil.
2. **Horst LB**, Littlefield P, Chang A, Solomon N, Henry L, Stojadinovic A, Coppit G. (2009, June 1-5). Otolaryngology practice patterns in the context of post-thyroidectomy voice impairment. ENT World Congress, Sao Paulo, Brazil.
3. Solomon NP, **Horst LB**, Makashay MJ, Henry LR, & Stojadinovic A. (2009, June 2-6). Aerodynamic voice assessment before and after thyroidectomy. Voice Foundation's 38th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
4. Solomon NP, Awan SN, **Helou LB**, Stojadinovic A. (2010, June 2-6). Acoustic analysis of thyroidectomy-related changes in vowel phonation. Voice Foundation's 39th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
5. Solomon NP, Makashay M, **Helou LB**, Clark H. (2011, November 17-19). Temporal and perceptual characteristics of speech in neurogenic orofacial weakness. American Speech-Language and Hearing Association Annual Convention, San Diego, CA.
6. Awan S, Stojadinovic A, Solomon NP, **Helou LB**. (2011, November 17-19). Acoustic estimation of dysphonia severity in CAPE-V samples: external validation. American Speech-Language and Hearing Association Annual Convention, San Diego, CA.
7. **Helou LB**, Rosen CA, Verdolini-Abbott K. (2011, November 2-5). Intrinsic laryngeal muscle activity in response to sympathetic nervous system activation. University of California-San Francisco and International Association of Phonosurgery Fall Voice Conference, San Francisco, CA.
8. Ingle J, **Helou LB**, Li YK, Hebda P, Rosen CA, Verdolini-Abbott K. (2011, November 2-5). Role of steroids in acute phonotrauma: a basic science investigation. University of California-San Francisco and International Association of Phonosurgery Fall Voice Conference, San Francisco, CA.
9. Ingle J, **Helou LB**, Li YK, Hebda P, Rosen CA, Verdolini Abbott K. (2012, April 18-22). Role of steroids in acute phonotrauma: a basic science investigation. Combined Otolaryngology Spring Meetings, San Diego, CA.
10. Ingle J, **Helou LB**, Li YK, Hebda P, Rosen CA, Verdolini Abbott K. (2012, April 18-22). Role of steroids in acute phonotrauma: a basic science investigation. Combined Otolaryngology Spring Meetings, San Diego, CA.
11. Gillespie AI, **Helou LB**, Ingle JW, Rosen CA. (2012, October 4-6). Case Report: Paradoxical vocal fold motion as a result of vagal nerve stimulation: response to respiratory retraining therapy. Fall Voice Conference, New York, NY.
12. **Helou LB**, Solomon NP. (2012, November 15-18). Aerodynamic assessment of phonation: Avoiding common mistakes. American Speech-Language and Hearing Association Annual Convention, Atlanta, GA.
13. **Helou LB**, Rosen CA, Wang W, Verdolini Abbott K. (2013, October 17-19). Intrinsic laryngeal muscle response to psychological stress. Fall Voice Conference, Atlanta, GA.
14. Li, Z., Bakhshaei, H., **Helou, L.**, Li, N.Y.K., Mongeau, L., Kost, K., Rosen, C., and Verdolini, K. (2013, June 2-7). "Evaluation of contact pressure in human vocal folds during phonation using high-speed videoendoscopy, electroglottography, and magnetic resonance imaging" Proceedings of the 21th International Conference on Acoustics, Montreal, Canada. Paper 5pSC5. Abstract published in Journal of the Acoustical Society of America, Vol. 133(5), p. 3618, 2013. POMA 19, 060306 (2013).
15. **Helou LB**, Rosen CA, Wang W, Verdolini Abbott K. (2014, May 28 – June 1). Laryngeal subvocalization during non-vocal linguistic tasks. Voice Foundation's 43rd Annual Symposium: Care of the Professional Voice, Philadelphia, PA.

16. **Helou LB**, Wang W, Verdolini Abbott K, Rosen CA. (2014, May 28 – June 1). Intrinsic laryngeal muscle response to psychological stress: psychological and cardiovascular predictors. Voice Foundation's 43rd Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
17. **Helou LB**, Gillespie AI, Ziegler AS. (2014, May 28 – June 1). The dynamic larynx: crossroads of the respiratory and phonatory systems. Invited Presentation for Special Session at Voice Foundation's 43rd Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
18. Gillespie AI, **Helou LB**, Ziegler AS. (2015, February 22-24). Respiration, meet phonation. Advanced Practices in Voice and Dysphagia, Las Vegas, NV.
19. Block C*, Hirsch S*, **Helou LB***. (2016, June 17-21). Describing a transgender voice and communication training protocol for SLPs. Part of symposium titled "Global Approaches to a Transgender-Specific Curriculum for Speech-Language Clinicians" at the World Professional Association for Transgender Health's 24th Scientific Symposium, Amsterdam, Netherlands.
20. Wang H, **Helou LB**, Rosen CA. (2017, May 31 – June 4). Voice feminization: motivation and barriers to transition. Voice Foundation's 46th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.
21. Wang H, **Helou LB**, Rosen CA. (2017, October 12-14). A survey of motivation and barriers related to seeking voice feminization training. Fall Voice Conference, Washington, DC.
22. **Helou LB**, Dum R, Strick PL. (2017, October 12-14). Cortical control of the costal diaphragm in monkeys. Fall Voice Conference. Washington, DC.
23. **Helou LB**, Mendelsohn A, Thomas J, Vastine W. (2018, October 7-10). Caring for transgender patients: focus on voice feminization. American Academy of Otolaryngology – Head and Neck Surgery Conference. Atlanta, GA.
24. Becker DR**, Monti E, Sullivan H, **Helou LB**. (2019, June 1). Vocal Manifestations of Reported Past Trauma. 48th Annual Voice Foundation Symposium, Philadelphia, PA.
25. Welch BM** & **Helou LB**. (2020, Jul 9) Communicative congruence and dysphoria: A preliminary normative study. Phonosurgery Conference: Improving outcomes in voice disorders through clinical and translational research, Madison WI. *Conference cancelled due to COVID-19 pandemic.*
26. Welch BM** & Helou LB. (2021, June 2-6). Exploring novel constructs of communicative congruence and dysphoria in the general population. 50th Anniversary Symposium of the Voice Foundation, Virtual Edition.
27. Welch BM** & Helou LB. (2021, September 17-18). An evidence-based examination of the relationship between voice, speech, and feelings of dysphoria. 11th Annual Gender Infinity Conference, Virtual.
28. Welch BM** and **Helou LB**. (2021, October 20-23). Voice patients' reports of experienced stress pre- and peri-pandemic: Implications for our understanding of stress and muscle tension dysphonia. The Fall Voice Conference, Miami FL.
29. Welch BM** and **Helou LB**. (2021, October 20-23). Preliminary examination of the test-retest reliability of communicative congruence and communicative dysphoria. The Fall Voice Conference, Miami FL.
30. **Helou LB**, Goldberg AC, Welch BM**. (2022, Jun 1-5). Characterizing vocal and communicative dysphoria in the general population. The Voice Foundation's 51st Annual Symposium: Care of the Professional Voice, Philadelphia PA.
31. Hoch S**, Welch BM**, Gartner-Schmidt J, **Helou LB**. (2022, Jun 1-5). Prevalence of self-identified laryngoresponders in a non-treatment-seeking sample of the general population. The Voice Foundation's 51st Annual Symposium: Care of the Professional Voice, Philadelphia PA.
32. **Helou LB** and Michlich JM. (2022, Oct 7-8) Cerebral cortical control of the posterior cricoarytenoid muscle in nonhuman primates. The Fall Voice Conference, San Francisco, CA.
33. **Helou LB**, Goldberg AC, Welch BM. (October 7-8, 2022). Characterizing vocal and communicative dysphoria in the general population. TransPride PGH Health and Wellness Conference (Virtual), Pittsburgh PA.
34. Welch BM, **Helou LB**, and Goldberg AC. (2023, April 15) Characterizing and understanding vocal and communicative dysphoria in the general population. 2023 Big XII LGBTQIA & Allies Summit at Texas Tech University, Lubbock, TX.

Abstracts from Poster Presentations

1. Henry LR, Shaha A, Solomon N, Howard R, Gurevich-Uvena J, **Horst LB**, Orlikoff R, Libutti S, & Stojadinovic A. (2008, March). Functional voice implications of sternothyroid muscle division during thyroidectomy. 61st Annual Cancer Symposium. Society of Surgical Oncology, Chicago IL.

2. Henry LR, **Horst LB**, Howard R, Solomon NP, Eberhardt C, Coppit GL, Shaha A, Stojadinovic A. (2009, March). Validation of the Voice Handicap Index in predicting voice outcomes after thyroidectomy. Society of Surgical Oncology Annual Cancer Symposium, Phoenix AZ.
3. Henry LR, **Horst LB**, Howard RS, Gurevich J, Coppit GL, Felix T, Solomon NP, & Stojadinovic A. (2009, March). Functional voice outcomes after thyroidectomy: Are early reported voice symptoms related to durable laryngoscopic abnormalities? Society of Surgical Oncology Annual Cancer Symposium, Phoenix AZ.
4. **Horst LB** & Solomon NP. (2009, June). Clinical versus laboratory ratings of voice using the CAPE-V. Voice Foundation's 38th Annual Symposium: Care of the Professional Voice, Philadelphia PA.
5. Nagle K, **Helou LB**, Solomon NP, Eadie T. (2011, November 17-19). Do severity markers differentiate visual-analog scale ratings of dysphonia? American Speech-Language and Hearing Association Annual Convention, San Diego, CA.
6. Henry LR, **Helou LB**, Solomon NP, Chang A, Libutti S, Stojadinovic A. (2012, March 21-24). Technical variations in the conduct of thyroidectomy and parathyroidectomy amongst surgeons: A survey study. Society for Surgical Oncology Annual Cancer Symposium, Ft. Lauderdale, FL.
7. Ingle JW, Roth DR, Shembel A, **Helou LB**, Rosen CA, Verdolini Abbott K. (2013, October 17-19). Comparative investigation of biologic effects of two vocal loading conditions in human subjects. Fall Voice Conference, Atlanta, GA.
8. **Helou LB**, Poola K**, van Mersbergen M. (2018, October 25-28). Personality traits in voice and speech: how listeners' judgment compares to speakers' self-perception. Fall Voice Conference, Seattle, OR.
9. Becker DR**, Monti E, Sullivan H, **Helou LB**. (2019, October) Vocal Manifestations of Reported Past Trauma Fall Voice Conference, Dallas, TX.
10. Fischer J**, Michlich JE**, & **Helou LB**. (2020, May) Brainstem-level variation in descending motor input to the diaphragm in *macaca fascicularis*. Spring Undergraduate Research Fair, University of Pittsburgh, Pittsburgh, PA. *Event cancelled due to COVID-19 pandemic.*
11. Welch BM** & **Helou LB**. (Oct 2020) Communicative congruence and dysphoria: A preliminary study. Fall Voice Conference, Virtual.
12. Tansel A, Levinthal D, Welch BM**, **Helou LB**. (2022, Apr 26) Clinical characteristics and predictive factors of individuals with gastrointestinal responses to perceived stress. 20th Annual Department of Medicine Research Day, University of Pittsburgh, Pittsburgh PA.
13. Tansel A, Levinthal D, Welch BM**, Stofko I**, **Helou LB**. (2022, May 21-24) Clinical characteristics and predictive factors of individuals with gastrointestinal responses to perceived stress. Digestive Disease Week 2022, San Diego, CA.

PROFESSIONAL ACTIVITIES

TEACHING

Graduate Student Teaching:

<u>Course #</u>	<u>Course Title</u>	<u>Academic Location</u>	<u>Years Inclusive</u>
SLP 524	Voice Disorders	Duquesne University	Fall 2011, 2013, 2014
CSD 2073	Voice Disorders	University of Pittsburgh	Spring 2018-2023
CSD 2069	Summative Assessment Project	University of Pittsburgh	Fall 2020-2022, Spring 2023
CSD 2970	Teaching Practicum (Clinical supervision of MA-SLP students at the UPMC Voice Center)	University of Pittsburgh	Fall 2022, Spring 2023

Undergraduate Student Teaching:

<u>Course #</u>	<u>Course Title</u>	<u>Academic Location</u>	<u>Years Inclusive</u>
SPHR 011	Laboratory in Voice & Diction	George Washington U.	Fall 2002, Spring

			2003, Fall 2003
HCOM 345	Communication & Aging	California State U, Fullerton	Spring 2006
SPHR 011	Voice & Diction	George Washington U.	Fall 2006, Spring 2007
SPHR 119	Assessment & Modification of Speech & Language	George Washington U.	Spring 2007
CSD 1027	Laboratory in Anat. & Phys. of Speech	University of Pittsburgh	Fall 2009
CSD 1028	Laboratory in Speech Science	University of Pittsburgh	Spring 2010
LING 391	Anatomy and Physiology of the Speech Mechanism (web-based)	Rutgers University	Spring 2014-2016
CSD 1237	Neuroscience of Communication	University of Pittsburgh	Spring 2020-2022

DIRECTED AND INDEPENDENT STUDIES AT THE UNIVERSITY OF PITTSBURGH

<u>Semester & Year</u>	<u>Area of Study</u>	<u>Student(s)</u>	<u>Program</u>
Fall 2021	Dir. Study in Structured Clinical Observations at the UPMC Voice Center	K.Gold; S. Hoch; M. Peagler	MA-SLP
Spring 2021	Neuroscience of Communication Teaching Assistantship	J. Michlich	Undergrad, Dept Neuroscience
Fall 2021	Dir. Study in Structured Clinical Observations at the UPMC Voice Center	E. Schmura; E. Swain	MA-SLP
Fall 2022	Ind. Study in Voice and Trauma	E. Schmura	MA-SLP

GUEST LECTURES:

<u>Title</u>	<u>Audience</u>	<u>Location</u>	
Preserving the artistic voice	Undergraduate Theatre Arts Course	California State University, Fullerton CA	2005
Voice feminization: evaluation, treatment, and cultural considerations	Graduate Voice Disorders course	California State University, Fullerton CA	2005
Introduction to acoustic and aerodynamic analysis	Graduate Voice Disorders course	California State University, Fullerton CA	2006
Diphthongs and vocalic /r/ phonemes in international phonetics	Undergraduate Phonetics Course	George Washington University, Washington DC	2006
Review of International Phonetic Alphabet transcription	Undergraduate Voice & Diction Course	George Washington University, Washington DC	2007
Myoelastic-aerodynamic theory of phonation and the Bernoulli effect	Undergraduate Speech Science Course	George Washington University, Washington DC	2007
Transgender Voice and Communication: evaluation and training	Graduate Voice Disorders course	University of Hawaii at Manoa, Manoa HI	2009
Transcription of non-native English speech	Undergraduate Phonetics Course	University of Pittsburgh, Pittsburgh PA	2009

Diphthongs and vocalic /r/ phonemic transcription	Undergraduate Phonetics Course	University of Pittsburgh, Pittsburgh PA	2010
Considering dialect during evaluation and treatment	Undergraduate Phonetics Course	University of Pittsburgh, Pittsburgh PA	2010
Voice Disorders: A career tale	Undergraduate Intro to SLP Course	University of Pittsburgh, Pittsburgh PA	2018-2022

POST-PROFESSIONAL EDUCATION AND WORKSHOP PRESENTATIONS: * *equal authorship*

1. **Helou LB*** & Solomon NP*. (2011, June). Data done right: avoiding common mistakes in aerodynamics. Voice Foundation's 40th Annual Symposium: Care of the Professional Voice. Workshop presentation, Philadelphia, PA.
2. **Helou LB*** & Hirsch S*. (2013, July 20-21). Transgender Voice and Communication Training. Independent educational workshop, New York, NY.
3. **Helou LB**. (2015, April 11-12). Care of the transgender voice: more than just pitch training. 9th Annual Voice Therapy Conference. Invited lecture and workshop, Pittsburgh, PA.
4. **Helou LB*** & Block C*. (2015, May). Voice feminization and masculinization: techniques and tips. Voice Foundation's 44th Annual Symposium: Care of the Professional Voice. Workshop presentation, Philadelphia, PA.
5. **Helou LB***, Hirsch S*, & Block C*. (2015, September 19-20). Transgender Voice and Communication Training. Independent educational workshop, Chicago, IL.
6. **Helou LB*** & Hirsch S*. (2016, September 30 – October 1). Transgender Voice and Communication Training. Independent educational workshop, Toronto, CA.
7. **Helou LB**. (2017, April 1-2). Transgender Voice & Communication Training. 10th Annual Voice Therapy Conference. Invited lecture and workshop. Pittsburgh, PA.
8. **Helou LB***, Hirsch S*, & Block C*. (2017, April 7-8). Transgender Voice and Communication Training. Independent educational workshop, Chicago, IL.
9. **Helou, LB**. Transgender Voice and Communication Training. (2019, March 8). Invited educational workshop for Eastern Health of Newfoundland. St. John's, Newfoundland, Canada.
10. **Helou LB***, Hirsch S*, & Block C*. (2019, April 5-7). Transgender Voice and Communication Training. Independent educational workshop, Chicago, IL.
11. **Helou LB***, Hirsch S*, & Block C*. (2021, Jun 25-26, presented as a live offering and as self-study for Jul, Aug, and Sep 2021). Gender Affirming Voice & Communication Training: A Course for Voice Clinicians. Independent educational workshop, Virtual.
12. **Helou LB***, Hirsch S*, & Block C*. (2022, Apr 8-9, presented as a live offering and as self-study for Jul, Aug, and Sep 2022). Gender Affirming Voice & Communication Training: A Course for Voice Clinicians. Independent educational workshop, Virtual.
13. **Helou LB***, Hirsch S*, & Block C*. (2023, June, presented as self-study for Jul, Aug, and Sep 2022). Gender Affirming Voice & Communication Training: A Course for Voice Clinicians. Independent educational workshop, Virtual.

RESEARCH

Current Grant Support:

<u>Grant Number</u>	<u>Grant Title</u>	<u>Project Role, Effort</u>	<u>Years Inclusive</u>	<u>Funding</u>	<u>Source</u>
SAP#410079760	Cortical control of muscles of vocalization	PI, 0%	June 2018 – May 2023	\$432,533	PA DOH
2022-2023 – BF7 – 315926	Understanding the use of meta-therapy by expert speech-language pathologists	Post-doctoral Research Supervisor	Oct 2022 – Oct 2024	\$110,000	Fonds de recherche du Québec - Santé

to enhance patient engagement in therapy: An exploratory study with artificial intelligence and retrospective data from Conversational Training Therapy (0% Effort; PI Martineau)

Prior Grant Support:

<u>Grant Number</u>	<u>Grant Title</u>	<u>Project Role, Effort</u>	<u>Years Inclusive</u>	<u>Funding</u>	<u>Source</u>
Univ ID #5030	Perceiving and Expressing Personality in Speech: A large-scale web-based data repository	PI	Nov 2019 – Dec 2021	\$15,000	Chancellor's Early Stage Commercialization Fund
1U01NS098969	Subthalamic and corticosubthalamic coding of speech production	Co-I, 4.2%	June 2018 – May 2019	\$8,727	NINDS
1F32HL132586	Control of the Diaphragm by Motor Cortical Areas	PI, 100%	June 2016 – Dec 2017	\$119,937	NHLBI
N/A	Intrinsic laryngeal muscle response to a speech preparation stressor	PI	2013-2014	\$2000	Voice Foundation Institutional Education Grant

Invited Seminars and Lectureships**Grand Rounds**

1. **Helou LB.** (2018, October 3). The role of the diaphragm in vocal motor control. University of Pittsburgh department of Otolaryngology Multidisciplinary Dysphagia Grand Rounds, Pittsburgh, PA.
2. **Helou LB.** (8 July 2021). *Meta-therapy as a key pillar of voice therapy.* Grand rounds of the University of California – San Francisco Voice Center. Virtual.
3. **Helou LB.** (11 Mar 2022). *Meta-therapy and the mind-body connection in voice therapy.* Grand Rounds of the Johns Hopkins Voice Center at GBMC Laryngology. Virtual.
4. **Helou LB and Welch BM.** (23 Mar 2022). *Exploring the relationship between recent perceived stress and past childhood trauma in self-identified laryngoresponders.* The Voice & Trauma Research and Connection Group, NY NY. Virtual.
5. **Helou LB.** (25 Apr 2022). *Meta-therapy and the mind-body connection in voice therapy.* Grand Rounds of the University of Utah Voice Disorders Center. Virtual.
6. Mahon C, Jaramillo L, & **Helou LB.** (1 Feb 2023). Our role in Gender Affirming Care. Grand Rounds of the University of Pittsburgh Medical Center Department of Otolaryngology. Pittsburgh, PA.

Other Invited Presentations (not peer reviewed)

1. **Helou, LB.** (2015, October 16-18). Panelist: Muscle Tension What? Fall Voice Conference, Pittsburgh, PA.
2. **Helou, LB.** (2015, October 15). Panelist: "Functional" Voice Disorders: Old Habits Die Hard. Fall Voice Pre-Conference for Speech Pathologists, Pittsburgh, PA.
3. Block CB*, Hirsch S*, **Helou LB***. (2016, June 19). Overview of a two-day transgender voice and communication training course for voice clinicians. World Professional Association for Transgender Health, Amsterdam, Netherlands.
4. **Helou LB.** (2017, October 12). Transgender Voice and Communication Assessment. Pre-Conference Day for the Fall Voice Conference, Arlington, VA.

5. **Helou LB.** (2018, February 22-23). The Self that lives in our voice and speech: exploring stress, personality, and the way we communicate. Invited extended short course at the Memphis National Student Speech-Language Hearing Association's 48th Annual Mid-South Conference on Communicative Disorders, Memphis, TN.
6. **Helou LB.** (2018, October 7-10). The role of the diaphragm in healthy and disordered voice. Meeting of the Neurolaryngology Study Group. American Academy of Otolaryngology – Head and Neck Surgery Conference, Atlanta, GA.
7. **Helou LB.** (2018, October 25-28). Gender, voice, and identity. Fall Voice Conference, Seattle, OR.
8. **Helou LB.** (2018, December 13). Fostering a culture of professionalism and alliance for the transgender population. Emory University Department of Otolaryngology, Atlanta, GA.
9. **Helou LB.** (2019, January 9). Fostering a culture of professionalism and alliance for the transgender population. Wake Forest University Division of General Surgery and Anesthesia, Winston Salem, NC. (*Visiting Professorship*)
10. Gartner-Schmidt J, Hapner E, **Helou LB**, Hersan R, Merrick G, Thomas T. (2019, April 6). *Voice therapy narratives: a round table discussion*. Voice Therapy Conference, Pittsburgh, PA.
11. **Helou LB.** (2019, April 5). *Essential elements of transgender voice and communication training*. Voice Therapy Conference, Pittsburgh, PA.
12. Feuer S, **Helou LB**, Monti E, van Mersbergen M, Dietrich M, Misono S. (2019, June 2). *Voice science and experimental psychology: Shall we dance?* 48th Annual Voice Foundation Symposium, Philadelphia, PA.
13. **Helou LB.** (22 February 2020). *Meta Therapy: What's your framework?*; Small Group Training Instructor and Faculty Panel Member. Sin City Voice Therapy Pre-Conference, Las Vegas, NV.
14. **Helou LB**, Hirsch S, Vastine W. Gender-Affirmative Voice Work and Traditional Voice Therapy: More Similar or More Different? Special Interest Group 3 Master Class at the 2020 ASHA Convention in San Diego. *Conference cancelled due to COVID-19 pandemic*.
15. Helou LB. (2020). An exploration of the relationship between verbal communication behaviors, personal identity, and stress. PA Speech-Language and Hearing Association 2020 Convention, Pittsburgh, PA. *Conference cancelled due to COVID-19 pandemic*.
16. **Helou LB.** (2019, April 5). Essential elements of transgender voice and communication training. Voice Therapy Conference, Pittsburgh, PA. *Conference cancelled due to COVID-19 pandemic*.
17. **Helou LB.** (2020, Jul 30). *Your voice is a choice! The relationship between who we are and how we talk*. Federal Home Loan Bank Women's Resource Group, Pittsburgh, PA.
18. **Helou LB**, Lewandoski A, & Welch BM**. (2020, Oct 10). *Gender-affirming vocal exploration*. 2020 TransPride Pgh Health and Wellness Conference, Pittsburgh, PA. Virtual.
19. **Helou LB** & Welch BM**. (2020, Oct 9). *Gender-affirming voice and communication training: How to get your mind right before you start*. 2020 TransPride Pgh Health and Wellness Conference, Pittsburgh, PA. Virtual.
20. Thompson D, **Helou LB**, Moore C, & Rousseau B. (Oct 2020) *Be the solution, not the problem*, in keynote panel titled *Examining the intersection of race and gender in health disparities*. Panel Fall Voice Conference, Virtual
21. Monti E, Austin D, van Mersbergen M, Rosen DC, **Helou LB.** (Dec 2020). Invited panelist: Post-screening Q&A of the award-winning documentary film "You'll Say Nothing", Trauma Research Foundation's Winter Film Festival. Virtual.
22. Monti E, Austin D, van Mersbergen M, Rosen DC, **Helou LB.** (Dec 2020). Invited panelist: Post-screening Q&A of the award-winning documentary film "You'll Say Nothing", Trauma Research Foundation's Winter Film Festival. Virtual.
23. Vastine W & **Helou LB.** (Jan 2021). Invited course instructor, *Gender affirmative voice training: Approach and technique*. MedBridge, Inc., Seattle WA.
24. **Helou LB** & Vastine W. (Jan 2021). Invited course instructor, *Cultural humility with transgender and nonbinary people*. MedBridge, Inc., Seattle WA.

25. **Helou LB.** (Jan 2021). Invited speaker for Clinical Outreach Seminar, *Gender affirmative voice and communication training: The state of the field*. McGill University, Department of Otolaryngology, Montreal, Quebec.
26. **Helou LB,** Merrick G, & Vastine W. (Mar 2021). *Counseling: Treating the whole person and every person*. Virtual Voice Therapy Conference, Pittsburgh, PA.
27. **Helou LB,** Brown A, Durham M, Resto O, Grooten H, Monti E. (March 2021) *Trauma, the brain, and the voice: Connecting the dots*. The Voice and Trauma Research and Connection Group, NY, NY.
28. Gibson S, **Helou LB (Moderator),** Kapila R, Morton M, van Doren M. (Apr 2021) *Beyond Hard Conversations: Responding to Racism, Sexism, Transphobia, and Ableism in Our Settings*. SIG3 World Voice Day Panel, Online.
29. **Helou LB (Panelist).** (2021, June 2-6). Both speakers and listeners bring personality to the communication table, in Special Friday Session panel on Personality and the Voice. 50th Anniversary Symposium of the Voice Foundation, Virtual Edition.
30. **Helou LB.** (27 Jun 2022). *Neural substrates underlying cortical control of the costal diaphragm and posterior cricoarytenoid muscle in macaca fascicularis*. Research Rounds of the University of Utah Voice Disorders Center. Virtual.
31. Welch BM and **Helou LB.** (16 Aug 2022). *Rethinking Personality: Integrating Advances in Personality Science with Communication Science and Disorders*. The Vocal Crossroads Journal Club quarterly meeting. Virtual.
32. **Helou LB (Moderator and Interviewer of Keynote Speaker).** (October 8, 2022) Keynote speaker Chang EF. *Human cerebral cortex organization of vocalization and speech*. The Fall Voice Conference, San Francisco, CA.
33. **Helou LB,** Courey M, Rosen CA. (October 7, 2022). Gender affirming voice, communication, and neck care: The current state of behavioral and phonosurgical care. TransPride PGH Health and Wellness Conference (Virtual), Pittsburgh PA.
34. Welch BM and **Helou LB.** (October 7, 2022). *Gender affirmative voice and communication training: How to get your mind right before you start*. TransPride PGH Health and Wellness Conference (Virtual), Pittsburgh PA.
35. **Helou LB.** (March 16, 2023) *Who are "laryngoresponders" and how do we find them?* Voice Study Centre (Virtual), East Bergholt, UK.

Media Presence

- | | |
|---|-----------|
| 1. Featured Interviewee, "Helping transgender people find a voice" , 90.5 WESA | Sept 2011 |
| 2. Featured Interviewee, Episode 15: Voice Therapy in Transgender Clients ,
Speech Science Podcast | Jul 2017 |
| 3. Interviewee, "Learning to talk like a woman (or man)" , NY Times | Apr 2017 |
| 4. Featured Interviewee, "You'll Say Nothing," Documentary Film, winner of the 2017 International Society for the Study of Trauma and Dissociation award for best audiovisual media | 2017 |
| 5. Interviewee, "Through therapy, transgender women find their voice" , MPR News. | June 2019 |
| 6. Featured Interviewee, "Meta therapy and the conceptual frameworks we build" , Speech
Uncensored Podcast (SUP) | Oct 2019 |
| 7. Featured Interviewee, "Preparing voice clinicians to support speakers along the gender spectrum with Christie Block, Leah Helou, and Sandy Hirsch" , SUP | Oct 2019 |
| 8. Featured Interviewee, "Intrinsic laryngeal muscle response to a public speech preparation Stressor: Personality and autonomic predictors" (Episode 8), Pitt CSD Podcast | 2021 |
| 9. Featured Interviewee, "A Pitt clinician is helping trans people match their voice to their gender" , PittWire | Nov 2022 |

ADVISING, MENTORING, AND PROJECT SUPERVISION*All in U. Pittsburgh CSD unless otherwise specified; Listed in chronological order of matriculation***POST-DOCTORAL TRAINEES, CURRENT:**

1. Martineau, Sarah; Primary Postdoctoral Advisor; 2022-present

CSD DOCTORAL COMMITTEES, CURRENT:

1. Welch, Brett; Primary Advisor and Committees Chair; 2019-present
2. Wilson, Azure (Primary Advisor: Rousseau); Plan of Study, Comps, Prospectus Committee Member; 2020-present
3. Lucatorto, Erin (Primary Advisor: Coyle); Plan of Study Committee Member; 2020-present
4. Hary, Lizzie (Primary Advisor: Rousseau); Plan of Study Committee Member; Jan 2022-present

CSD DOCTORAL COMMITTEES, COMPLETED:

1. Donohue, Cara (Primary Advisor: Coyle); Plan of Study, Comps, Prospectus, Dissertation Committee Member; 2019-2021; *Proactive dysphagia management of patients with neurodegenerative diseases: Early identification and intervention*
2. Gartling, Gary (Primary Advisor: Rousseau); Plan of Study, Comps, Prospectus, Dissertation Committee Member; 2019-2022; *Exploring the acute effects of glucocorticoids on rabbit vocal fold tissue*

EXTERNAL/NON-CSD DOCTORAL COMMITTEES

1. Ringwald, W. (Dept Psychology, Primary Advisor: Wright, Aidan); Dissertation Committee Member; Jan 2022 – present; *Identifying risk pathways between multi-rater assessments of Big Five personality traits and binge drinking with passive sensing technology*

MA-SLP STUDENT ACADEMIC ADVISEES:

- | | |
|------------------|--------------|
| 1. Berue, A | 2019-2021 |
| 2. Hart, A | 2019-2021 |
| 3. Knight, R | 2019-2021 |
| 4. Snyder, M | 2019-2021 |
| 5. Beltran, J | 2020 |
| 6. Gold, K | 2020-2022 |
| 7. Hoch, S | 2020-2022 |
| 8. Peagler, M | 2020-2022 |
| 9. Sacksteder, E | 2021-2022 |
| 10. Bardin, Ju | 2021-present |
| 11. Gallick, K | 2021-present |
| 12. Schmura, E | 2021-present |
| 13. Swain, E | 2021-present |
| 14. Fowler, K | 2022-present |
| 15. Mahon, C | 2022-present |
| 16. Hepler, I | 2022-present |
| 17. Dickinson, T | 2022-present |

MS-SLP THESIS COMMITTEES: *Results published; ** Results in preparation for publication

1. Becker, DR (Committee Chair); 2018-2019; *Vocal manifestations of reported past trauma**
2. Becker, E (Committee Member); 2020-2021; *A comparison of maximal upper esophageal sphincter opening in patients with stroke and healthy age-matched participants*
3. Gold, K (Committee Chair); 2020-2022; *Endoscopic measurement of maximum glottal angle in patients with functional and organic laryngeal pathologies***
4. Hoch, S (Committee Chair); 2020-2022; *Prevalence of laryngoresponders in the general population***

5. Mahon, C (Committee Chair); 2022-present; *Test-retest reliability of Communicative Congruence and Communicative Dysphoria*

MA-SLP COMPREHENSIVE EXAM AND SUMMATIVE ASSESSMENT PROJECT, EXPERT REVIEWER:

1. Aument, A 2019
2. Brennecke, K 2019
3. Brumbaugh, K 2020
4. Clemson, D 2020
5. Fry, A 2020
6. Kasper, L 2020
7. Petronie, K 2020
8. Peagler, M 2022
9. Swain, E 2022
10. Balachander, M 2022
11. Fleischauer, G 2023
12. McGuire, K 2023

U. PITTSBURGH CONCENTRATION IN VOICE TRAINEES

Trainee	Year(s) in Program	Clinical Fellowship Location
1. Fry, A	2019 – 2021	Lakeshore Professional Voice Center
2. Gold, K	2020 – 2022	University of Wisconsin at Madison Dept of Surgery
3. Hoch, S	2020 – 2022	University of Alabama Voice Center
4. Peagler, M	2020 – 2022	Delaware VA
5. Dickinson,	2022—present	
6. Fowler, K	2022—present	
7. Mahon, C	2022—present	

UNDERGRADUATE AND GRADUATE STUDENT RESEARCHERS: *Student listed as co-author on publication or presentation

Trainee	Tenure in Helou Lab	Major/Program of Study	Research Project(s) in Laboratory
Poola, K*	Jan 2018 – Dec 2018	CSD	Perception and expression of traits in speech; Vocal psychophysiology; Voice and trauma
Resuli, D	Jan 2018 – Jun 2020	Biology/Pre-Med	Neural control of vocalization in macaques (Desareta became Helou full-time research tech post-graduation)
Fleischauer, G	Aug 2018 – Nov 2018	CSD	Perception and expression of traits in speech
Tomiczek, A	Aug 2018 – Aug 2019	CSD	Vocal psychophysiology; Voice and trauma
Michlich, J*	Sep 2018 – Present	Neuroscience	Neural control of vocalization in macaques; Neural control of voice and breathing in rodents (Jenny became Helou full-time research tech post-graduation)
Fisher, J*	Apr 2019 – Apr 2020	CSD	Perception and expression of traits in speech; Brainstem-level variation in descending motor input to the diaphragm in <i>macaca fascicularis</i>
Hable, Z	Jan 2020 – May 2021	Computer Science	Perception and expression of traits in speech; Canonical Voice development
Caccamo, F	Jan 2020 – Apr 2020	Dietrich School of Arts & Sciences	Perception and expression of traits in speech

Weiss, S	Jan 2020 – April 2020	First Experiences in Research (FER)	Perception and expression of traits in speech
Bender, S	Jun 2020 – May 2021	CSD	Perception and expression of traits in speech
Peagler, M	Aug 2020 – May 2022	MA-SLP	Neural control of vocalization in macaques; Machine-learning methods for quantifying and classifying laryngeal and supraglottal behaviors
Fasano, J	Sep 2020 – May 2022	CSD	Neural control of vocalization in macaques; Neural control of voice and breathing in rodents
Cavagnet, G	Jan 2021 – May 2022	CSD	Perception and expression of traits in speech
Huynh, S	Jan 2021 – May 2022	CSD	Neural control of vocalization in macaques
Schmura, E*	Jan 2021 – Present	MA-SLP	Perception and expression of traits in speech
Stofko, I*	Jan 2021 – Jan 2022	CSD	Prevalence of laryngoresponders in the general population; Endoscopic measurement of maximum glottal angle in patient with functional and organic laryngeal pathologies
Bezanis, C*	Feb 2021 – May 2022	CSD	Intra- and inter-rater reliability of personality ratings by listeners in ideal and sub-optimal listening conditions
Bittner, R	Apr 2021 – Aug 2022	Neuroscience	Neural control of vocalization in macaques; Neural control of voice and breathing in rodents
Kramer, H	May 2021 – May 2022	CSD	Endoscopic measurement of maximum glottal angle in patient with functional and organic laryngeal pathologies; Machine-learning methods for quantifying and classifying laryngeal and supraglottal behaviors
Pan, J	Aug 2021 – Present	CSD	Neural control of vocalization in macaques; Neural control of voice and breathing in rodents
Batkhan, A*	Oct 2021 – Present	CSD	Communicative dysphoria and congruence survey study
Mahon, M	Sep 2022 – present	MA-SLP	Communicative dysphoria and congruence survey study; Accuracy of AI measurement of known glottal angle with varying degrees of obstruction study
Dickinson, T	Sep 2022– present	MA-SLP	Communicative dysphoria and congruence survey study; meta-therapy study
Fowler, K	Sep 2022 – present	MA-SLP	Communicative dysphoria and congruence survey study; meta-therapy study
Gelfand, L	Sep 2022 – present	CSD	Meta-therapy study

SPONSORED AWARD APPLICATIONS FOR TRAINEES

Trainee	Application/ *Award Date	Award Name	Outcome
Welch, B	Dec 2021	European Association of Personality Psychology's 2 nd Summer School of Personality Science	Not awarded
Batkhan, A	Mar 2022	McMurtry Family Summer Undergraduate Research Award (McMurtry SURA)	Not awarded
Bittner, R	Mar 2022	McMurtry SURA	Not awarded
Martineau, S	Jun 2022	Fonds de recherche du Québec - Santé	Awarded

Welch, B	Jan 2023	Bernard Rousseau Student Resource Award in Communication Science and Disorders	Awarded
Welch, B	Jan 2023	Summer Institute for Social and Personality Psychology	In review

NON-UNIVERSITY AND PROFESSIONAL RESEARCH TRAINEES *Listed co-author on a pub/presentation

Trainee	Tenure in Helou Lab	Area of Expertise or Interest	Research Project(s) in Laboratory
Elisa Monti, PhD*	Jan 2018 – Present	Experimental Psychologist	Voice and trauma
Scheidelmeier, S	Jun 2019 – Aug 2019; Jun 2021 – Aug 2021	Neuroscience at Johns Hopkins U.	Neural control of vocalization in macaques (Sydney first rotated through the Helou Lab as a high school summer intern, then returned for a second summer while in undergraduate studies)
Dugan, Charles “Chip” Jr., DMA*	Jan 2021 – Present	SLP	Perception and expression of traits in speech
Sarah Martineau, PhD	Jun 2021 – Present	Post-doctoral trainee, SLP	Content analysis of recorded voice therapy sessions for elements of meta-therapy

SERVICE**DEPARTMENTAL SERVICE:**

<u>Role</u>	<u>Committee, Venue, Location</u>	<u>Year(s) Inclusive</u>
Founding member	Pittsburgh Voice Consortium	2018 – Present
Founding Director	MA-SLP Concentration in Voice	2018 – Present
Director	MA-SLP Program Recruitment	2019 – 2022
Member	MA-SLP Curriculum Committee	2019 – Present
Faculty Sponsor	Student Representatives for EJI in Pitt CSD	2020 – Present
Member (Annually)	MA-SLP Admissions Committee	2020 – 2022
Founding Chair	Working Group for Equity, Justice, and Inclusion	2020 – 2021
Founding Faculty Sponsor	Pitt CSD Podcast	2020 – Present
Program Director	Equity, Justice, and Inclusion Program	2021 – Present

SERVICE TO THE SCHOOL AND THE ACADEMY:

<u>Role</u>	<u>Committee, Venue, Location</u>	<u>Years Inclusive</u>
Graduate Faculty Member	School of Health and Rehabilitation Sciences at the University of Pittsburgh	2018 – present
Member	SHRS Inclusion, Diversity, Equity, Access, & Humility Council	2022 – Present

NATIONAL PROFESSIONAL SERVICE:

<u>Role</u>	<u>Committee, Venue, Location</u>	<u>Year(s) Inclusive</u>
Invited Ad Hoc Reviewer	<i>Cerebral Cortex; Nature Neuroscience; Scientific Reports; J. of Voice; Laryngoscope; American Journal of Speech Language Pathology; Perspectives of the American Speech-Language and Hearing Association; J. of Communication Disorders; J. of Speech Language and Hearing Research; Logopedics, Phoniatrics, Vocology</i>	2012 – Present
Mentor	Novice clinicians in transgender voice and communication care	2012 – Present

Founder and Moderator	Gender Spectrum Voice & Communication online forum for SLPs	Jul 2013 – Present
Developer & Admin	Trans Voice & Communication Training Referral Database	Jul 2014 – Present
Invited panel Chairperson, Poster Judge	46 th Annual Voice Foundation Symposium, Philadelphia PA	June 2017
Program Committee	Fall Voice Conference, Seattle OR	Oct 2018
Invited Guest Editor	<i>Journal of Speech, Language, and Hearing Research</i>	Feb 2019, Nov 2022
Committee Member	Voice and Upper Airway section, 2020 ASHA Convention Planning Committee	Nov 2019 – Nov 2020
Steering Committee Member and Program Chair	TransPride PGH Health & Wellness Conference, Voice & Communication Program	May 2020 – Present
Editorial Board Member	<i>Journal of Speech, Language, and Hearing Research</i>	Aug 2020 – Dec 2022
Co-Sponsor, award nomination	Co-sponsor for Dr. Richard Adler as awardee of the ASHA Certificate of Recognition for Special Contributions to Multicultural Affairs	2021
Invited Guest Editor	Special Multi-SIG Issue of the <i>Perspectives of the American Speech-Language and Hearing Association</i>	Jul 2021 – Dec 2022
Co-Sponsor, award nomination	Co-sponsor for Dr. AC Goldberg as awardee of the ASHA Outstanding Service Award	2022
Topic Committee Member	<i>Voice and Upper Airway</i> section, 2023 ASHA Convention Planning Committee	Nov 2022 – Present
Program Chair	SLP Pre-Conference at the 2023 Fall Voice Conference	Dec 2022 – Present
Co-Sponsor, award nomination	Co-sponsor for Sandy Hirsch as awardee of the ASHA Clinical Achievements Award	2023

INTERNATIONAL PROFESSIONAL SERVICE:

<u>Role</u>	<u>Committee, Venue, Location</u>	<u>Year(s) Inclusive</u>
Discovery Grant Reviewer	Natural Sciences and Engineering Research Council of Canada; Biological Systems and Functions	Nov 2022 – Jan 2023

DECLINED SERVICE INVITATIONS:

<u>Role</u>	<u>Committee, Venue, Location</u>	<u>Year(s) Declined</u>
Editorial Board Member	ASHA's <i>Perspectives of the Special Interest Group in Voice (SIG 3)</i>	2021
Editorial Board Member	<i>Journal of American Speech, Language and Hearing Research</i>	2022
Scientific Program Chair	2023 Fall Voice Conference	2022

VOLUNTARY AND COMMUNITY ROLES:

<u>Role</u>	<u>Organization</u>	<u>Years Inclusive</u>
Attendee	Kay Pentax Advanced Stroboscopy Workshop	Aug 2007
Coordinator	SHRS Departmental Research Seminar, University of Pittsburgh	Aug 2010 – Aug 2011
Coordinator	Lab Research Program Developer/Coordinator, University of Pittsburgh	Aug 2010 – May 2014
Founding Member	Multi-Institutional Voice Research Rounds	Sept 2010 – Jul 2015
Trustee	Awesome Pittsburgh (www.awesomepgh.com)	Jun 2012 – Oct 2015