
EDUCATION

- 2022 Doctor of Philosophy, The Ohio State University, Speech & Hearing Science
- Graduate Interdisciplinary Specialization in Singing Health
- 2011 Master of Science, James Madison University, Communication Sciences & Disorders
- 2009 Bachelor of Arts, West Chester University, Communicative Disorders (Minor: Music)

UNIVERSITY POSITIONS

- 2024– present Assistant Professor, Elmhurst University
- 2022 – 2024 Assistant Clinical Professor, Ohio University
- 2022 Lecturer, The Ohio State University

PUBLICATIONS

Grillo, E., Wolfberg, J., **Perta, K.**, Van Stan, J., & Steinhauer, K. (2024). Connecting auditory-perceptual prompts used in voice therapy to anatomy and physiology: Application to the estill voice model and the rehabilitation treatment specification system. *Journal of Voice*. doi: 10.1016/j.jvoice.2024.06.025.

Jelinger, J., **Perta, K.**, Lee, J., Wiksten, N., & Bae, Y. (2024). Oropharyngeal and aryepiglottic narrowing for twang: A magnetic resonance imaging study. *Journal of Voice*. doi: 10.1016/j.jvoice.2024.06.014.

Perta, K., Bae, Y., Vuolo, J., Bressmann, T., & Fox, R. (2023). The role of instructions in motor learning of oral versus nasalized speech targets. *Journal of Speech, Language, and Hearing Research*, 66(11), 4398-4413.

Perta, K., Sewell, L., Cray, J., Bae, Y., & Kalmar, E. (2022). Histologic investigation of the salpingopharyngeus. *Journal of Speech, Language, and Hearing Research*, 65(5), 1851-1857.

Perta, K., Kalmar, E., & Bae, Y. (2021). A cadaveric and MRI investigation of the salpingopharyngeus. *Journal of Speech, Language, and Hearing Research*, 64(5), 1436-1446.

Perta, K., Bae, Y., & Obert, K. (2021). A pilot investigation of twang quality using magnetic resonance imaging. *Logopedics Phoniatrics Vocology*, 46, 77-85.

Bae, Y., **Perta, K.**, Obert, K., & Kalmar, E. (2021). Contracted extravelar segments of the levator veli palatini muscle: A magnetic resonance imaging morphometric study. *The Cleft Palate-Craniofacial Journal*, 58(1), 118-125.

Grillo, E., **Perta, K.**, & Smith, L. (2009). Laryngeal resistance distinguished pressed, normal, and breathy voice qualities in vocally untrained females. *Logopedics Phoniatrics Vocology*, 34(1), 43-48.

CONFERENCE PROCEEDINGS PAPERS

Erickson, D., Obert, K., Hayashi, R., Zhu, C., **Perta, K.**, Sadanobu, T., & Sakakibara, K. (2018). *Is “hanagoe” really nasal? Acoustic and MRI data analysis of Japanese cake seller’s voices*. Proceedings paper for the Acoustical Society of Japan, Miyashiro, Saitama, Japan.

GRANTS

The Use of Twang Quality in Voice Therapy
Elmhurst University Faculty Summer Research Grant
Role: Principal Investigator
Amount: \$3000

Project Period: June 2025-June 2026

RESEARCH PRESENTATIONS AND POSTER SESSIONS

Grillo, E., **Perta, K.**, & Steinhauer, K. (2025, May). *Reimagining common voice qualities and voice therapy prompts using the estill voice model* [Workshop]. The Voice Foundation 54th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.

Grillo, E., Wolfberg, J., **Perta, K.**, Van Stan, J., & Steinhauer, K. (2025, May). *Connecting voice therapy prompts with anatomy and physiology via the estill voice model and the rehabilitation treatment specification system* [Oral presentation]. The Voice Foundation 54th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.

Jelinger, J., **Perta, K.**, Lee, J., Wiksten, N., & Bae, Y. (2023, December). *A magnetic resonance imaging study of twang production* [Oral presentation]. Asia Pacific Society of Speech, Language and Hearing (APSSLH) Conference, Ho Chi Minh City, Vietnam.

Perta, K., Bae, Y., Vuolo, J., Bressmann, T., & Fox, R. (2022, November). *The role of instructions in motor learning of oral versus nasalized speech targets* [Online oral presentation]. American Speech-Language-Hearing Association (ASHA) Convention, Virtual Library.

Perta, K. (2020, February). *The salpingopharyngeus, revisited* [Poster presentation]. 34th Edward F. Hayes Graduate Research Forum, Columbus, OH.

Perta, K., Kalmar, E., & Bae, Y. (2019, November). *The salpingopharyngeus, revisited* [Oral presentation]. American Speech-Language-Hearing Association (ASHA) Convention, Orlando, FL.

Perta, K., Bae, Y., & Obert, K. (2019, June). *A comparison of twang and squillo qualities using magnetic resonance imaging* [Oral presentation]. The Voice Foundation 48th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.

Bae, Y., **Perta, K.**, & Obert, K. (2019, April). *Quantitative analysis of levator veli palatini at rest and during contraction using magnetic resonance imaging* [Poster presentation]. American Cleft Palate-Craniofacial Association (ACPA) Annual Meeting, Tucson, AZ.

Perta, K., Grillo, E., & Ludlow C. L. (2009, November). *Comparison of formant frequencies in belting and opera singing styles: A pilot study* [Poster presentation]. American Speech-Language-Hearing Association (ASHA) Convention, New Orleans, LA.

Grillo, E., **Perta, K.**, & Smith, L. (2007, June). *Laryngeal resistance distinguished pressed, normal, and breathy voice qualities in vocally untrained females* [Poster presentation]. The Voice Foundation 36th Annual Symposium: Care of the Professional Voice, Philadelphia, PA.

INVITED PRESENTATIONS

Perta, K., Bae, Y., Vuolo, J., Bressmann, T., & Fox, R. (2023, August). *The role of instructions in motor learning of oral versus nasalized speech targets* [Oral presentation]. 11th Estill World Voice Symposium, Vienna, Austria.

Perta, K. (2023, May). *Vocal Health: A Practical Guide* [Oral presentation]. 2023 Piano Ladies Conference, New Orleans, LA.

Perta, K. (2020, December). *Estill voice model: A research update* [Online presentation].

Perta, K. (2019, March). *Vocal tract physiology: Contributions to voice quality* [Oral presentation]. Ohio Speech Language Hearing Association 73rd Annual Convention, Columbus, OH.

Perta, K. (2017, August). *Integrating estill voice training into clinical voice therapy* [Oral presentation]. 8th Estill World Voice Symposium, Quebec City, Quebec, Canada.

Obert, K. & **Perta, K.** (2017, August). *The big twang theory* [Oral presentation]. 8th Estill World Voice Symposium, Quebec City, Quebec, Canada.

TEACHING EXPERIENCE (University Classroom Instruction)

Elmhurst University - Courses Taught:

- *CSD 528 Motor Speech Disorders across the Lifespan*

Ohio University - Courses Taught:

- *HSL 6210 Disorders of Phonation*
- *HSL 2500 Speech Science*
- *HSL 1080 Introduction to Communication Differences and Disorders*
- *HSL 1070 Voice and Articulation*
 - Developed all original instructional materials for this new online course

The Ohio State University - Courses Taught:

- *SHS 5785 Research Methods I*
 - Developed all original instructional materials for this new online course
- *SHS 3320 Principles of Phonetics*
- *SHS 2230 Introduction to Communication and its Disorders*

Invited Guest Lectures

Guest-Lecturer. MUS 7810 History and Practice of Vocal Pedagogy. 04-21. School of Music, College of Arts and Sciences, The Ohio State University. Topic: An Introduction to Motor Learning.

Guest-Lecturer. MUS 7810 History and Practice of Vocal Pedagogy. 03-21. School of Music, College of Arts and Sciences, The Ohio State University. Topic: An Introduction to Estill Voice Training.

Guest-Lecturer. SHS 5741 Voice Disorders and Cleft Palate. 03-20. Speech and Hearing Science, College of Arts and Sciences, The Ohio State University. Topic: Vocal Tract Physiology.

Guest-Lecturer. SHS 5741 Voice Disorders and Cleft Palate. 03-19. Speech and Hearing Science, College of Arts and Sciences, The Ohio State University. Topic: Vocal Tract Physiology.

Guest-Lecturer. SHS 2230 Introduction to Communication Disorders. 09-20. Speech and Hearing Science, College of Arts and Sciences, The Ohio State University. Topic: Voice Disorders.

Guest-Lecturer. SHS 4420 Anatomy, Physiology, and Science of Speech. 10-19. Speech and Hearing Science, College of Arts and Sciences, The Ohio State University. Topic: Head and Neck Anatomy.

Guest-Lecturer. MUS 7801 Applied Music (Voice) Studio Hour. 03-19. School of Music, College of Arts and Sciences, The Ohio State University. Topic: Control of Respiration, Muscular Support, and Registration.

CLINICAL SUPERVISION

Clinical Supervisor (Ohio University), 2022 – 2024

- Supervised evaluation and treatment of adult clients (e.g., voice, speech, swallowing, accent modification, gender-affirming voice therapy) for first and second year graduate students
- Instructed graduate students in the use of acoustic and aerodynamic equipment for clinical voice assessment

Clinical Supervisor (OhioENT & Allergy Physicians), 2013 – 2018

- Supervised evaluation and treatment of adult clients (e.g., voice and swallowing disorders) for second year graduate students and clinical fellows
- Trained graduate students and clinical fellows in the passing of rigid and flexible laryngoscopes
- Provided clinical observation opportunities for undergraduate speech language pathology students and fourth year medical students

TEACHING EXPERIENCE (Continuing Education)

Shakes & Breaks: An Update on Laryngeal Dystonia [Invited Presentation]. Kathy Chester Annual Seminar Series, Columbus, OH.

Continuing Education Course Instructor (OhioHealth), 2018 – 2022

- *'Demystifying' Voice Through Vocal Tract Physiology: Applications for the Medical SLP* - Full Day Workshop
 - Detailed vocal tract physiology; Motor learning in speech/voice; Voice assessment and treatment; Spectrogram interpretation and practice; Considerations for special populations
- *Advanced FEES Course* – Half Day Workshop
 - Head and Neck Anatomy: A Guide for the SLP; Pathologies of the Larynx and Upper Airway
- *Introductory FEES Course* – Two-Day Workshop
 - The Pre-PO Exam: Normal Anatomy and Physiology; The Pre-PO Exam: Abnormal Findings; Performing Flexible Laryngoscopy; FEES Case Studies
- *The Larynx: Voice for the Medical SLP* – Two-Hour Presentation

CLINICAL EXPERIENCE

OhioENT & Allergy Physicians, Columbus, OH, *Voice Pathologist (Full-Time)*, 2013 – 2018

- Performed 6,000+ rigid and flexible videolaryngealstroboscopy (VLS) exams for voice/airway disorders in a private practice ENT clinic of 25 otolaryngologists
- Evaluated patients with swallowing disorders via fiberoptic endoscopic evaluation of swallow (FEES)
- Treated patients with voice, swallowing, and airway (e.g., VCD, irritable larynx syndrome, cough) disorders
- Specialized in singing voice assessment and treatment across multiple different singing styles

OhioHealth (Riverside Methodist Hospital), Columbus, OH, *Speech Language Pathologist (PRN)*, 2015-2022

- Created and provided continuing education courses in dysphagia, voice, and airway disorders
- Trained colleagues in laryngoscopy skills for performing FEES exams
- Developed working relationship between otolaryngology and SLP department
- Collaborated on interdisciplinary teams to evaluate and treat patients with complex neurological disorders
- Evaluated and treated adult populations with communication, swallowing, and trach/vent needs in an 800+ bed acute care hospital (Comprehensive Stroke Center)
- Conducted FEES and Modified Barium Swallow studies in adult and geriatric populations

Health Management Associates (Lehigh Regional/Charlotte Regional Medical Centers), Lehigh Acres/Punta Gorda, FL, *Speech Language Pathologist (Full-Time)*, 2011 - 2013

- Evaluated and treated adult and geriatric populations with communication and swallowing disorders in acute care hospitals and outpatient rehab centers
- Evaluated and treated pediatric populations with speech and language disorders in outpatient rehabilitation
- Conducted Modified Barium Swallow studies in adult and geriatric populations
- Collaborated with otolaryngologist and interdisciplinary team members to evaluate and treat inpatients and outpatients with voice and swallowing disorders

ORGANIZATIONAL ACTIVITIES & SERVICE

University Service

- School of Health Sciences Research, Scholarship & Curriculum Committee, Elmhurst University (2025-2026)
- Admissions Committee, Elmhurst University (2025)
- MA SLP Graduate Committee, Ohio University (2022-2024)
- CHSP Interprofessional Education (IPE) Committee, Ohio University (2023-2024)

Service to Professional Organizations

- Abstract Committee, Estill World Voice Symposium (2023 & 2025)
- Regional Program Convention Coordinator, Ohio Speech Language Hearing Association (OSHLA) (2015)

Invited Journal Reviewer

- *Journal of Speech, Language, and Hearing Research* (2024)
- *Clinical Linguistics & Phonetics* (2022)

CERTIFICATIONS & LICENSURE

American Speech-Language Hearing Association (ASHA) Certificate of Clinical Competence (#12135040)
State of Illinois Department of Financial and Professional Regulation Speech Pathology License (146.018075)
SPEAK OUT! Therapy Training
Certified Estill Master Trainer (Estill Voice International)

AWARDS & HONORS

Excellence in Online Teaching Award Winner, Ohio University (2024)
Excellence in Online Teaching Award Nominee, Ohio University (2023)
Distinguished University Fellowship, The Ohio State University (2018-2019, 2020-2021)
Hayes Graduate Research Forum 3rd Place Winner, Social & Behavioral Sciences, Poster Division (2020)
Graduate Associate Teaching Award Nominee, The Ohio State University (2020)
Student-Faculty Research Award, College of Health Sciences, West Chester University (\$1,000)
Estill Education Fund World Voice Day Grant (\$750)

COMMUNITY OUTREACH

Gwendolyn Brooks Middle School invited presenter (October 2024)

- Topic: Your Voice and Vocal Health

Bishop Waterson High School invited presenter (November 2018)

- Topic: Your Voice: Phonation, Respiration, and Vocal Health

Saint Columbkille Catholic Church invited workshop (March 2018)

- Topic: Estill for the Older Choral Singer

Otterbein University invited presenter (September 2015)

- Topic: Vocal Health: A Vocal Athlete's Survival Guide

Greater Columbus Spasmodic Dysphonia Support Group invited presenter (April 2014)

- Topic: The Alexander Technique and Voice

SINGING & PERFORMANCE VOICE EDUCATION

Singing Health Graduate Certificate, The Ohio State University

- Classical and musical theatre (MT) private voice study, studio of Dr. Katherine Rohrer

Minor in Music (Voice), West Chester University of Pennsylvania

- Classical/bel canto training, studio of Dr. In Young Lee
- Choral singing
 - Fall concert soloist

Estill Voice International Master Trainer Certification

- Mentors: Kerrie Obert (Columbus, OH) and Dr. Kimberly Steinhauer (Pittsburgh, PA)

Connected Voice Technique Training (Speech Level Singing)

- Mentor: Susan Niekamp in Fort Myers, FL

SINGING & PERFORMANCE WORK EXPERIENCE

Singer and multi-instrumentalist (i.e., piano, bass, drums) at Howl at the Moon/Howl2Go (2021 – 2024)
Voice actress and vocal coach to It's All Been Done Radio Hour (2017 – 2020)
Ensemble member and actress at MadLab Theatre (2019 – 2022)
Private voice instructor and voice training consultant (2015 – present)