

CURRICULUM VITAE

Christina Kuo, Ph.D.

Associate Professor
Director, Undergraduate Program
Department of Communication Sciences and Disorders
James Madison University
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Harrisonburg, VA 22807

EDUCATION

University of Wisconsin-Madison	Ph.D.	Communicative Disorders
University of Wisconsin-Madison	M.S.	Speech-Language Pathology
National Taiwan University	B.A.	Foreign Languages and Literature

RESEARCH INTERESTS

Speech science

Motor speech disorders

PEER-REVIEWED PUBLICATIONS

Griffin, L., Kamarunas, E., **Kuo, C.**, & O'Donoghue, C. (2022). Comparing amplitudes of transcranial direct current stimulation (tDCS) to the sensorimotor cortex during swallowing. *Experimental Brain Research*, 1-12.

Kuo, C., & Weismer, G. (2016). Vowel reduction across tasks for male speakers of American English. *The Journal of the Acoustical Society of America*, 140(1), 369-383.

Kuo, C. & Tjaden, K. (2016). Acoustic variation during passage reading for speakers with dysarthria and healthy controls. *Journal of Communication Disorders*, 62, 30-44.

Kuo, C., Tjaden, K., Sussman, J. (2014). Acoustic and perceptual correlates of faster-than-habitual speech produced by speakers with Parkinson's disease and multiple sclerosis. *Journal of Communication Disorders*, 52, 152-169.

Tjaden, K., Richards, E., **Kuo, C.**, Wilding, G., & Sussman, J. (2013). Acoustic and perceptual consequences of clear and loud speech. *Folia Phoniatica et Logopaedica*, 65(4), 214-220.

Kuo, C. (2013). Formant transitions in varied utterance positions. *Folia Phoniatica et Logopaedica*, 65(4), 178-184.

Kim, Y.-J., & **Kuo, C.** (2012). Effect of level of presentation to listeners on scaled speech intelligibility of speakers with dysarthria. *Folia Phoniatica et Logopaedica*, 64, 26-33.

PUBLICATIONS IN PRESS, UNDER REVIEW, AND IN PREPARATION

Kuo, C. & Berry, J. (Accepted). Acoustic and kinematic vowel space areas: Effects of dysarthria and normalization.

SELECTED AWARDS, HONORS

Provost Award for Excellence in Academic Advising Nominee (2022-2023), James Madison University

Provost Award for Excellence in Academic Advising Nominee (2019-2020), James Madison University

CONFERENCE PRESENTATIONS (Asterisks (*) indicate student projects conducted under my direction.)

Kuo, C. (2022, December). A descriptive study on the acoustic and kinematic characteristics of internal open junctures: Implications for highly intelligible individuals with Parkinson's disease. Poster presented at 183rd Meeting of the Acoustical Society of America (ASA), Nashville, Tennessee, U.S.A.

Kuo, C., Berry, J., & Barrett, M. (2022, February). Acoustic and kinematic vowel space areas associated with varied intelligibility. Poster presented at the Motor Speech Conference, Charleston, South Carolina, U.S.A.

Kuo, C., & Barrett, M. (2020, December). A pilot study on the acoustic characteristics of ambiguous sentences in highly intelligible individuals with Parkinson's disease. Poster presented at Acoustics Virtually Everywhere Meeting of the Acoustical Society of America (ASA), virtual.

- Griffin, L., Kamarunas, E., White, J., **Kuo, C.**, Henn, M., & O'Donoghue, C. (2020, June). *Dysphonia Outperforms Voice Change as a Clinical Predictor of Dysphagia*. Poster presented at the Dysphagia Research Society (DRS) Annual Meeting, virtual.
- Kuo, C.**, Barrett, M., Kim, Y., & Berry, J. (2020, February). *Vowel production in three connected speech tasks by individuals with Parkinson's disease: Preliminary findings*. Poster presented at the Motor Speech Conference, Santa Barbara, California, U.S.A.
- Müller, N., Ball, M. J., Kim, Y., & **Kuo, C.** (2019, August). *Dysarthria across languages: Contrastivity and the vocal tract* (Title in conference program: *Acquired speech disorders across languages: mapping current research and its implications*). Plenary lecture at the International Symposium on Monolingual and Bilingual Speech (ISMBS), Chania, Greece.
- Kuo, C.** (2018, November). *Descriptive analysis of American English schwa distribution in the quadrilateral vowel space*. Poster presented at the annual convention of the American Speech-Language-Hearing Association (ASHA), Boston, Massachusetts, U.S.A.
- *Molnar, P. & **Kuo, C.** (2018, November). *Conversational speech characteristics during entrainment: A pilot study*. Poster presented at the annual convention of the American Speech-Language-Hearing Association (ASHA), Boston, Massachusetts, U.S.A.
- Kim, Y., Thompson, A., Berry, J., **Kuo, C.** (2018, February). *Articulatory kinematics during stop closure in speakers with Parkinson's disease*. Poster presented at the Motor Speech Conference, Savannah, Georgia, U.S.A.
- Kim, Y., Berry, J., **Kuo, C.** (2017, July). *Articulatory kinematics during stop closure in speakers with Parkinson's disease: Preliminary data*. Poster presented at the 7th International Conference on Speech Motor Control, Groningen, the Netherlands.
- Kuo, C.** (2017, June). *Vowel contrasts relative to schwa across tasks: Preliminary findings for Parkinson's disease*. Poster presented at the 173rd Meeting of the Acoustical Society of America (ASA) and the 8th Forum Acusticum, Boston, Massachusetts, U.S.A.
- Kuo, C.** (2017, May). *Characterizing task-based variations of vowels in Parkinson's disease: Preliminary data*. Poster presented at the 21st International Congress of Parkinson's Disease and Movement Disorders, Vancouver, British Columbia, Canada.
- *Behre, C. & **Kuo, C.** (2016, November). *The relationship between fundamental frequency variation & articulation in healthy speech production*. Poster presented at the

annual convention of the American Speech-Language-Hearing Association (ASHA), Philadelphia, Pennsylvania, U.S.A.

Kuo, C. & Weismer, G. (2016, May). *American English schwa characteristics in the context of vowel reduction*. Poster presented at the 171st Meeting of the Acoustical Society of America (ASA), Salt Lake City, Utah, U.S.A.

Kuo, C., Weismer, G. & Behre, C. (2015, May). *The relationship between fundamental frequency and within-speaker vowel reduction*. Poster presented at the 169th Meeting of the Acoustical Society of America (ASA), Pittsburgh, Pennsylvania, U.S.A.

Kuo, C., & Tjaden, K. (2014, March). *Within-speaker variation for different speech styles in a connected speech task for speakers with dysarthria and healthy speakers*. Paper presented at the 2014 Conference on Motor Speech, Sarasota, FL, U.S.A.

Weismer, G., **Kuo, C.**, & Allen, P. (2010, April). *Transition characteristics in speakers with dysarthria and in healthy controls: Part IV: Additional data on vowel-consonant transitions and stroke patients*. Poster presented at the 159th Meeting of the Acoustical Society of America (ASA), Baltimore, MD, U.S.A.

Kuo, C., & Weismer, G. (2009, October). *Speaker variability when producing repeated syllables and across speech tasks*. Poster presented at the 158th Meeting of the Acoustical Society of America (ASA), San Antonio, TX, U.S.A.

Kuo, C., & Weismer, G. (2008, November). *Consonant-vowel (CV) and diphthong transitions in the speech of persons with dysarthria and of healthy controls*. Poster presented at the 156th Meeting of the Acoustical Society of America (ASA), Miami, FL, U.S.A.

Kuo, C., & Weismer, G. (2007, November). *The influence of position-in-utterance on the scale of articulatory gestures*. Poster presented at the 154th Meeting of the Acoustical Society of America (ASA), New Orleans, LA, U.S.A.

Weismer, G., **Kuo, C.**, & Chung, Y-C. (2007, June). *Consonant-vowel (CV) and vowel-consonant (VC) transitions in the speech of persons with dysarthria and healthy controls*. Poster presented at the 153rd Meeting of the Acoustical Society of America (ASA), Salt Lake City, UT, U.S.A.

SERVICES

Editorial

Reviewer, Journal of Neurolinguistics, 2022-present

Reviewer, Journal of the International Phonetic Association, 2019-present

Reviewer, National Science Foundation (NSF), 2018, 2019, 2020

Reviewer, Journal of Speech, Language, and Hearing Research, 2017-present

Reviewer, Journal of the Acoustical Society of America Express Letters, 2016-present

Reviewer, American Journal of Speech-Language Pathology, 2014-present.

Reviewer, Folia Phoniatica et Logopaedica, 2014-present.

Reviewer, Journal of Communication Disorders, 2012-present.

Vilas Travel Grant Competition Reviewer, University of Wisconsin-Madison, 2009

Professional

Member, Coordinating Committee, American Speech-Language-Hearing Association (ASHA): Special Interest Group 19 – Speech Science 2023-2025

PROFESSIONAL AFFILIATIONS

Member, Acoustical Society of America (ASA)

Member, American Speech-Language-Hearing Association (ASHA): Special Interest Group 02 – Neurophysiology and Neurogenic Speech and Language Disorders, 10 – Issues in Higher Education, 19 – Speech Science

Member, International Parkinson and Movement Disorder Society (MDS)

PROFESSIONAL CERTIFICATIONS

Licensed Virginia Speech-Language Pathologist, Virginia Board of Audiology and Speech-Language Pathology.

Certified to administer the Montreal Cognitive Assessment, MoCA.

Certified, Specialist in Gerontology, University of Wisconsin-Madison Institute on Aging.