

HYUNJU CHUNG, Ph.D.
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EDUCATION

2011	Ph.D.	Communication Sciences & Disorders	University of Wisconsin-Madison
2006	M.A.	Linguistics	KyungHee University, Seoul, Korea
2004	B.A.	English Language & Literature	KyungHee University, Seoul, Korea
2002-2003		Faculty of Communication and Culture	University of Calgary, Canada (1-year exchange program)

PROFESSIONAL EXPERIENCE

2016-present	Assistant Professor	Dept. of Communication Sciences & Disorders, Louisiana State University
2014-2016	Instructor	School of English, KyungHee University, Seoul, Korea
2011-2013	Postdoctoral Research Fellow	Dept. of Communication Sciences and Disorders & Dept. Linguistics, University of Alberta, Canada
2008- 2011	Project Assistant	Dept. of Communication Sciences and Disorders, Waisman Center, University of Wisconsin-Madison
2004-2006	Research Assistant	School of English, KyungHee University

RESEARCH GRANTS (Funded Only)

<u>Date</u>	<u>Award</u>
2018 –2021	Louisiana Board of Regents Research Competitiveness Subprogram, Semivowel errors as Speech Sound Disorders diagnostic marker, \$137,453 awarded (Role: Principal Investigator).
2020 & 2019	LSU Discover Fall Research Grant, Undergraduate Research Program, \$900 (Fall 2019) and \$1,200 (Spring 2020) awarded (Role: Mentor; Student Name: Kaela Powery)
2019	LSU College of Humanities & Social Sciences ASPIRE Undergraduate Summer Research Program, \$1,000 per summer (Role: Mentor; Student Name: Kaela Powery)
2018	ASHA Research Conferences Travel Grant Recipients , awarded for attending Lessons for Success Conference, American Speech and Hearing Foundation (Apr 23-25, 2018).
2017-2018	American Speech-Language-Hearing Foundation (ASHFoundation) New Investigators Research Grant , Facilitative phonetic contexts for English lateral liquid /l/ productions in young children, \$10,000 awarded (Role: Principal Investigator).
2018	Manship & College Summer Research Fellowships, \$5,000 (Role: Principal Investigator)

- 2018 Student Tech Fee, Louisiana State University, Updating Speech Technology in Classroom and Clinical Practice with Ultrasound Devices, \$45,692 awarded (in collaboration with Dr. Todd A. Gibson and Dr. Yunjung Kim).
- 2018, 2017 LSU College of Humanities & Social Sciences ASPIRE Undergraduate Summer Research Program, \$1,000 per summer (Role: Mentor; Student Name: Lauren Massey; Lauren De Mahy)
- 2017 Junior Faculty Travel Grant, LSU Office of Research & Economic Development, \$750 awarded
- 2017 LSU Council on Research Summer Stipend Award, The longitudinal analysis four semivowel productions in young children, \$5,000 awarded (Role: Principal Investigator).
- 2012-2013 University of Alberta, Faculty of Rehabilitation Medicine Internal Grant, Rhotic vowel acquisition in children with and without Speech Sound Disorders, \$8,000 awarded (Role: Co-PI, PI: Dr. Karen Pollock, University of Alberta).
- 2009 Vilas Travel Grant, University of Wisconsin Madison, \$500 awarded

HONORS, AWARDS & SCHOLARSHIPS

- 2020 *Tiger Athletic Foundation Undergraduate Teaching Award*, College of Humanity and Social Science, LSU
- 2018 Invited attendee, *Lessons for Success*, American Speech and Hearing Foundation
- 2008 Paper selected as a World Wide Press Room presenter, Acoustical Society of America, "A vowel by the same name is not necessarily the same: Kids mimic adults' vowels"
- 2006-2008 Fulbright Graduate Study Awards, Korean-American Educational Commission, \$50,000 awarded
- 2003, 2002, 2001 Academic Scholarship, KyungHee University, \$1,000 awarded

PUBLICATIONS (*indicates student author under my direction)

- Chung, H.** (accepted). Acquisition and acoustic patterns of American English /l/ in young children. *Journal of Speech, Language, and Hearing Research*.
- Chung, H.**, Munson, B., & Edwards, J. (accepted). Cross-linguistic perceptual categorization of the three corner vowels: effects of listener language and talker age. *Language and Speech*.
- Chung, H.** (2020). Vowel acoustic characteristics of variation of Southern American English in Louisiana. *Journal of the Acoustical Society of America*. 147 (1), 541-553. <https://doi.org/10.1121/10.0000505>.
- Chung, H.** & Pollock, K. E. (2019). Acoustic characteristics of rhotic vowel productions of young children. *Folia Phoniatrica et Logopaedica*. <https://doi.org/10.1159/000504250>.
- Chung, H.**, Farr, K. & Pollock, K. E. (2019). Rhotic vowel accuracy and error patterns in young children with and without Speech Sound Disorders. *Journal of Communication Disorders*. 80, 18-34. <https://doi.org/10.1016/j.jcomdis.2019.03.003>.
- Chung, H.**, & Pollock, K. (2014). Acoustic Characteristics of Adults' Rhotic Monophthongs and Diphthongs. *Korean Journal of Communication Sciences & Disorders*. 19(1), 113-119.

- Chung, H.**, Farr, K., & Pollock, K. (2014). Transcription-based and acoustic analyses of rhotic vowels produced by children with and without speech sound disorders: Further analyses from the Memphis Vowel Project. *Clinical Linguistics & Phonetics*, 28(5), 297–315.
- Chung, H.**, Nearey, T. M., Hodge, M., Pollock, K. E., & Tucker, B. V. (2012). Preliminary Statistical Pattern Recognition Methods in the Study of Vowels Produced by Children with and without Speech Sound Disorders. *Proceedings of the Canadian Acoustical Association, Canadian Acoustics - Acoustique Canadienne*, 40 (3), 18-19.
- Chung, H.**, Kong, E.-J., Edwards, J., Weismer, G., Fourakis, M., & Hwang, Y. (2012). Cross-linguistic study of children's and adults' vowel spaces. *Journal of the Acoustical Society of America*, 131 (1), 442-454.
- Chung, H.**, Kong, E.-J., & Weismer, G. (2010). Vowel formant trajectory patterns for shared vowels of American English and Korean. *Journal of the Korean Society of Speech Science*, 2(4), 67-74.

Manuscripts Under Review or in Revision

- Chung, H.** (under revision). Acoustic characteristics of pre- and post-vocalic //l/: Patterns from one Southern American English variant.
- Chung, H.**, & Weismer, G. (under review). Trajectory patterns of American English lateral //l/ produced by adults and children.

Manuscripts in Preparation

- Chung, H.** & Kim, Y.-J. Correlation between acoustic and perceptual measures of pre- and post-vocalic //l/ produced by Korean-English bilingual adult speakers.
- Kim, Y.-J. & **Chung, H.** Acoustic Characteristics of American English Semivowels produced by Korean L2 speakers.

INVITED PRESENTATIONS

- Chung, H.** (2018). Facilitative phonetic contexts for the acquisition of English lateral liquid //l/ in young children. COMD Research Roundtable, Louisiana State University, Baton Rouge, LA.
- Chung, H.** (2011). Cross-linguistic study of children's and adults' vowel spaces. Colloquia, Department of Linguistics, University of Alberta, Alberta, Canada.
- Chung, H.**, Edwards, J., & Weismer, G. (2008). Cross-linguistic acquisition of vowels: English, Korean, Greek, and Cantonese. Colloquium, Department of Communicative Disorders, University of Wisconsin-Madison, Madison, WI.

PEER-REVIEWED CONFERENCE PRESENTATIONS (*indicates student author under my direction)

- *Coniglio, E. & **Chung, H.** (2020). Experienced and inexperienced listeners' perception of children's //l/ productions and their acoustic correlates. *Annual Convention of the American Speech-Language-Hearing Association*, San Diego, CA. (decision pending).

- *Powery, K. Coniglio, E. & **Chung, H.** (2020). English // and /w/ sound development in young children with and without Speech Sound Disorders. *Annual Convention of the American Speech-Language-Hearing Association*, San Diego, CA. (decision pending).
- Chung, H.** & Weismer (2020). Trajectory patterns of American English // produced by adults and young children. *179th Acoustical Society of America Meeting*. Chicago, IL (abstract accepted: poster scheduled to be presented in Dec 2020).
- *Powery, K. & **Chung, H.** (2020). English // and /w/ sound development in young children with Speech Sound Disorders. Poster presented at the *Undergraduate Research Conference*, Baton Rouge, LA.
- Chung, H.** & Kim, Y-J. (2019). Acoustic and Ultrasound Image Data of // Produced by Korean-English Bilingual Adult Speakers. *Annual Convention of the American Speech-Language-Hearing Association*, Orlando, FL.
- Espinal, J., Thompson, A., **Chung, H.**, & Kim, Y-J. (2019). Acoustic and articulatory characteristics of American English liquids produced by L2 adult speakers. *American Speech, Language and Hearing Association Convention*. Orlando, FL.
- Chung, H.** & *Despommier, M. K. (2018). Facilitative phonetic contexts for English lateral liquid // productions in young children. *Annual Convention of the American Speech-Language-Hearing Association*, Boston, MA.
- Chung, H.** & Schellinger, S. K. (2018). Assessment practices for children with speech sound disorders from bi/multilingual backgrounds in Louisiana: a survey study. *Annual Convention of the American Speech-Language-Hearing Association*, Boston, MA.
- *Massey, L. A. & **Chung, H.** (2018). English lateral // sound development in one Korean-English bilingual child: a longitudinal study. Poster presented at the *Undergraduate Research Conference*, Baton Rouge, LA.
- Chung, H.** & *Mahy, L. D. (2017). Vowel Acoustic Characteristics of Southern White English produced by speakers from New Orleans area, Louisiana. Poster presented at the *174th Acoustical Society of America Meeting*, New Orleans, LA.
- *Mahy, L. D. & **Chung, H.** (2017). An Accuracy Comparison of Liquid Sounds in Imitated and Spontaneous Child Speech. Poster presented at the *LSU Undergraduate Research Conference*, Baton Rouge, LA.
- Chung, H.** & *Gerdisch, J. (2017). Accuracy & Error Patterns of Young Children's Productions of English Liquids and Glides. Poster presented at the *Annual Convention of the American Speech-Language-Hearing Association*, Los Angeles, CA.
- Kim, Y-J & **Chung, H.** (2016). Acoustic modification across speaking modes in English and Korean. Poster presented at the *5th Joint Meeting of the Acoustical Society of America and the Acoustical Society of Japan*, Honolulu, HI.
- Chung, H.**, *Dunger, J., *Bedard, J., & Pollock, K. E. (2015). Development of rhotic vowels in young children with and without speech sound disorders: transcription vs. acoustic analysis. Poster presented at the *International Child Phonology Conference*, St. John's, Newfoundland.
- Chung, H.**, *Farr, K., & Pollock, K. E. (2013). Rhotic development in young children with and without Speech Sound Disorders: Accuracy and Error Patterns. Poster presented at the *Annual Convention of the American Speech-Language-Hearing Association*, Chicago, IL.
- Chung, H.** & Pollock, K. E. (2012). Rhotic Vowel Acquisition in Children with & without Phonological Disorders. Poster presented at the *Annual Convention of the American Speech-Language-Hearing Association*, Atlanta, GA.
- Chung, H.**, Nearey, T. M., Hodge, M., Pollock, K. E. & Tucker, B. V. (2012). Preliminary Statistical Pattern Recognition Methods in the Study of Vowels Produced by Children with and without Speech

Sound Disorders. Oral presentation at the *Annual Conference of the Canadian Acoustical Association*, Banff, Alberta.

- Chung, H.**, Hodge, M., & Gotzke, C. (2012). Accuracy of vowels produced by 3 to 6 year-old English speaking children with and without speech sound disorders. Poster presented at the *International Child Phonology Conference*, Minneapolis, MN.
- Chung, H.**, Kong, E-J., Edwards, J. & Weismer, G. (2011). A Cross-linguistic developmental study of vowel spectral movement patterns. Poster presented at the *161st Acoustical Society of America Meeting*, Seattle, WA.
- Chung, H.**, Edwards, J., Weismer, G., Kong, E., Munson, B. & Beckman, M. E. (2010). Korean listeners' sensitivity to language-specific phonetic details of children and adults' vowel production in five different languages. Poster presented at the *159th Acoustical Society of America Meeting*, Baltimore, MD.
- Munson, B., Menard, L., Beckman, M. E., Edwards, J., & **Chung, H.** (2010). Sensorimotor maps and vowel development in English, Greek, and Korean: A Cross-linguistic perceptual categorization study. Poster presented at the *159th Acoustical Society of America Meeting*, Baltimore, MD.
- Chung, H.**, Edwards, J., & Weismer, G. (2008). Cross-linguistic acquisition of vowels: Cantonese, English, Greek, Japanese and Korean. Poster presented at the *156th Acoustical Society of America Meeting*, Miami, FL. ** Paper selected for publication in a lay language version as "A vowel by the same name is not necessarily the same: Kids mimic adults' vowels" on the ASA World Wide Press Room.
- Chung, H.**, Edwards, J., & Weismer, G. (2007). Cross-linguistic acquisition of vowels: English, Korean, Greek and Cantonese. Poster presented at the *Symposium on Research in Child Language Disorder (SRCLD)*, Madison, WI. (Note: Included formant trajectories)
- Chung, H.**, Edwards, J., & Weismer, G. (2007). Cross-linguistic acquisition of vowels: English, Korean, Greek and Cantonese. Poster presented at the *International Child Phonology Conference*, West Lafayette, IN. (Note: Focused on static formant measurements)

TEACHING & ADVISING

Courses

Louisiana State University

Speech Sound Disorders (Fall 2016- present)
 Acoustics of Speech and Hearing (Spring 2018, Spring 2019)
 Seminar in Articulation and Phonological Disorders (Fall 2017, 2018, 2019)
 Phonetics (Fall 2016, Spring 2017)

KyungHee University, Korea

Phonetics (Fall 2015)
 Introduction to Linguistics (Fall 2014)
 Research Topics in Linguistics (Spring 2014)
 Historical Linguistics (Spring 2014, 2015)

Invited Guest Lectures

Speech Science, Dept. of Communication Sciences and Disorders, University of Alberta (Fall 2012)
 Phonological Disorders, Dept. of Communication Sciences and Disorders, University of Alberta (Fall 2011 & 2012)
 Phonetics, Dept. of Linguistics, University of Alberta (Winter 2012)
 Phonological Acquisition, Dept. of Linguistics, University of Alberta (Winter 2012)

Speech Acoustics & Perception, Dept. of Communication Sciences and Disorders, University of Wisconsin-Madison

Introduction to Communicative Disorders, Dept. of Communication Sciences and Disorders, University of Wisconsin-Madison (Spring 2009)

Other experiences

Speech Acoustics and Perception, Dept. of Communication Sciences and Disorders, University of Wisconsin-Madison (Fall 2010) (Teaching Assistant)

Introduction to Communicative Disorders, Dept. of Communication Sciences and Disorders, University of Wisconsin-Madison (Fall 2007) (Grader)

Doctoral Dissertation

- Lori Vaughn (Fall 2017 - present), Committee Member

Master's Thesis: Chair

- Emily Coniglio (Spring 2020- present). "Perceptual differences of lateral ratings between experienced and inexperienced clinicians".
- Rebecca Dorsa (Spring 2019). "Acoustic characteristics of vowels produced by young children from the New Orleans area"

Master's Thesis: Committee Member

- Grubbs, K. (Spring 2020), "Acoustic Changes During Passage Reading in Speakers with Parkinson's Disease".
- Espinal, J. (Spring 2020), "Acoustic characteristics of word-final American English liquids produced by L2 adult speakers".
- Delaune, H. (Spring 2019), "Differences between the acoustic parameters of prosody in speakers with ASD and typically developing speakers ages three to six".
- Sossaman, E. (Spring 2019), "Relationship between subject pronoun and finite verb marking in AAE-speaking children".
- Petit, M. (Spring 2019), "Picture Cued and Speech Production Cued Approaches for Speech Sound Learning".
- Watkins, E. (Fall 2018), "Early speech deterioration in amyotrophic lateral sclerosis: a case study of newscaster Donna Britt".

Undergraduate Research Projects

- Powery, K. (Spring 2020). LSU Discover Undergraduate Research Grant-supported project. "English /l/ and /w/ sound development in young children with and without Speech Sound Disorders".
- Massey, L. A. (Fall 2018). "English lateral /l/ sound development in one Korean-English bilingual child: a longitudinal study".
- Mahy, L. D. (2017 Spring). Undergraduate Honors Thesis, "A Vowel Perceptual Analysis of Three Regional Dialects of Louisiana".
- Dunn, J (2017 Spring). Undergraduate Honors project.
- Baines, C., Frigon, P. & Ritz, R. (2012-2013). CSD 900 Capstone Research Projects, Dept. of Communication Sciences & Disorders, University of Alberta, Co-supervisor (with Dr. Karen Pollock), "Listener Perceptions and Acoustic Characteristics of Children's Rhotic Vowels"

Dean's Representative on Dissertation Defense Committee

- Nations, J. A. (2018) (Department of Biological Science)
- Roys, M. (2019) (Department of Psychology), "The Relationship Between Emotion Regulation and Substance Use Treatment Attrition"

PROFESSIONAL ACTIVITIES

Reviewer for Conferences presentations

- Invited Reviewer, Topic Committee for the Speech Sound Disorders group for American Speech-Language-Hearing Association (2019, 2020)
- Reviewer, Acoustical Society of America (174th Meeting in New Orleans)
- Reviewer, LSU Discover Day Undergraduate Research Program Oral presentation judge (2017, 2018, 2020)

Ad-hoc Reviewer for Scholarly Journals

- American Journal of Speech Language Pathology
- International Journal of Speech-Language Pathology
- Clinical Linguistics and Phonetics
- Clinical Archives of Communication Disorders

Department/College/University Service

- Member, Department Admissions Committee (2020- present)
- Faculty Senate, HSS Faculty Senate (2016- present)
- Member, Department Steering Committee (2017- present)
- Member, Department Schools Committee (2018-present)

PROFESSIONAL MEMBERSHIP

Member, American Speech-Language Hearing Association (2016-present)

Member, American Speech-Language Hearing Association, Special Interest Group 19, Speech Science (2019-present)

Member, Acoustical Society of America (2017-present)

Member, The Korean Academy of Speech-Language Pathology and Audiology (2013- 2014)

Member, Canadian Acoustical Association (2012 – 2013)

Student member, Acoustical Society of America (2008 – 2011)

Student committee member, Symposium on Research in Child Language Disorders (2007 – 2011)

Last Updated: June, 2020