

HYUNJU CHUNG, Ph.D.
Assistant Professor
Dept. of Communication Sciences & Disorders
College of Humanities & Social Sciences
Louisiana State University
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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)

ACADEMIC POSITIONS

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

RESEARCH GRANTS

Pending

NSF Division of Behavioral and Cognitive Sciences (BCS), Linguistics Program

Title: Four consonant sounds across dialects: Investigating children's productions and listeners' perceptual judgments

Role: Principal Investigator (Co-PIs: Drs. Janna Oetting and Irina Shport)

Submission Date: Jan 2023

Total amount requested: \$484,891

Funded

LSU Manship and College of Humanities and Social Sciences Summer Research Grant

Title: Speech variations in nonmainstream American English-speaking adults from Louisiana

Role: Principal Investigator

Duration: 2023 summer

Total Amount Rewarded: \$5,000

Louisiana Board of Regents- Research Competitiveness Subprogram

Title: Semivowel errors as Speech Sound Disorders diagnostic marker

Role: Principal Investigator

Duration: 2018- present

Total Amount Rewarded: \$137,453

American Speech-Language-Hearing Foundation (ASHFoundation) New Investigators Research Grant

Title: Facilitative phonetic contexts for English lateral liquid // productions in young children

Role: Principal Investigator

Duration: 2017- 2018

Total Amount Rewarded: \$10,000

Student Tech Fee, Louisiana State University

Title: Updating Speech Technology in Classroom and Clinical Practice with Ultrasound Devices

Role: Co-investigator (collaboration with Dr. Todd A. Gibson and Dr. Yunjung Kim)

Duration: 2018

Total Amount Rewarded: \$45,692

LSU Manship and College of Humanities and Social Sciences Summer Research Grant

Title: Facilitative phonetic contexts for English lateral liquid // productions in young children

Role: Principal Investigator

Duration: 2018

Total Amount Rewarded: \$5,000

LSU Council on Research Summer Stipend Award

Title: The longitudinal analysis four semivowel productions in young children

Role: Principal Investigator

Duration: 2017

Total Amount Rewarded: \$5,000

Faculty of Rehabilitation Medicine Internal Grant, University of Alberta

Title: Rhotic vowel acquisition in children with and without Speech Sound Disorders,

Role: Co-investigator (PI: Dr. Karen Pollock, University of Alberta)

Duration: 2012-2013

Total Amount Rewarded: \$8,000

HONORS, AWARDS & SCHOLARSHIPS

- 2020 **Tiger Athletic Foundation Undergraduate Teaching Award**, College of Humanity and Social Science, LSU
- 2018 **Lessons for Success**, Invited attendee, American Speech, and Hearing Foundation
- 2018 **ASHA Research Conferences Travel Grant Recipients**, awarded for attending *Lessons for Success Conference*, American Speech and Hearing Foundation (Apr 23-25, 2018).
- 2017 **Junior Faculty Travel Grant**, LSU Office of Research & Economic Development, \$750 awarded
- 2009 **Vilas Travel Grant**, University of Wisconsin Madison, \$500 awarded
- 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
- 2001-2003 **Academic Scholarship**, KyungHee University, \$1,000 awarded

PUBLICATIONS (*denotes student authors under my direction)

- *Jackson., K. & **Chung, H.** (in press). Korean-English Bilingual Children's Productions of Korean and English //l. *Perspectives of the ASHA Special Interest Groups (SIG19)*.
- Chung, H.**, *Lemoine, G. E., *Sanders, J. & Schellinger, S. K. (2023). Effect of Speaker age on Listener Perceptions of Word-Final //l. *Journal of Speech, Language, and Hearing Research*. 66 (3). 916-930. https://doi.org/10.1044/2022_JSLHR-22-00437.
- *Coniglio, E. A., **Chung, H.**, Schellinger, S. K. (2022). Perception of children's productions of //l: Acoustic correlates and effects of listener experience. *Folia Phoniatrica et Logopaedica*. 74 (6). 392-406. DOI:10.1159/000524395.
- Kim, Y-J. & **Chung, H.**, & Thompson, A. (2022). English Semivowels /ɹ, ɹ̥, w/ Produced by Adult Second-Language Speakers. *Journal of Speech, Language, and Hearing Research*. 65(3), 890-905. https://doi.org/10.1044/2021_JSLHR-21-00152.
- Chung, H.** (2022). Acoustic characteristics of pre- and post-vocalic //l: Patterns from one Southern American English variant. *Language and Speech*. 65(2), 513-528. DOI: 10.1177/00238309211037368.
- Chung, H.** & Kim, Y-J. (2021). Acoustic characteristics of Korean-English bilingual speakers' //l and the relationship to their foreign accent ratings. *Journal of Communication Disorders*. 94, 106157. <https://doi.org/10.1016/j.jcomdis.2021.106157>.
- Chung, H.**, & Weismer, G. (2021). Trajectory patterns of American English lateral //l produced by adults and children. *Journal of Speech, Language, and Hearing Research*. 64(3), 809-822.
- Chung, H.**, Munson, B., & Edwards, J. (2021). Cross-linguistic perceptual categorization of the three corner vowels: effects of listener language and talker age. *Language and Speech*. 64(3), 558-575. <https://doi.org/10.1177/0023830920943240>.
- Chung, H.**, & Pollock, K. E. (2021). Acoustic Characteristics of Rhotic Vowel Productions of Young Children. *Folia Phoniatr Logop*, 73(2), 89-100. <https://doi.org/10.1159/000504250>.
- Chung, H.** (2020b). Acquisition and acoustic patterns of American English //l in young children. *Journal of Speech, Language, and Hearing Research*. 63(8), 2609-2624.
- Chung, H.** (2020a). 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.**, 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 in Preparation

Chung, H. & Schellinger, S. K. Acoustic characteristics of English vowels and three semivowels in young children with and without Speech Sound Disorders. (To be submitted by Summer 2023).

BOOK CHAPTER

Chung, H. & Oetting, J. B. (in review). English (Cajun) Speech Development. In McLeod, S. (Eds), *The Oxford Handbook of Speech Development in Languages of the World*. Oxford Press.

INVITED PRESENTATIONS

- Chung, H.** (2018). Facilitative phonetic contexts for the acquisition of English lateral liquid // 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 (*denotes student authors under my direction)

- Chung, H. & Schellinger, S. K. (submitted). Acoustic Characteristics of Three English Semivowels and in Children with and Without Speech Sound Disorders. Poster submitted for *the Annual Convention of the American Speech-Language-Hearing Association*, Boston, MA.
- *Lemoine, G., *Sanders, J. & **Chung, H.** (2022). Listeners' Perception of Word-final // and Speaker Age. Poster presented at the *Annual Convention of the American Speech-Language-Hearing Association*, New Orleans, LA.

- *Lemoine, G. & **Chung, H.** (2022). Listeners' Perception of Word-final /l/ and Speaker Age. Poster presented at the *LSU Discover Day Undergraduate Research and Creativity Symposium*, Baton Rouge, LA.
- *Hogan, A. & **Chung, H.** (2022). Korean-English Bilingual Speakers' Productions of Korean and English /l/. Poster (virtual) presented at the *International Symposium on Monolingual and Bilingual Speech (ISMBS)*.
- *Cantrell, R. & **Chung, H.** (2022). Word-Initial /l/ Patterns in African American Vernacular English-Speaking Children. Poster presented at the *2022 National Black Association for Speech-Language and Hearing (NBASLH) Convention*, Houston, TX.
- *Jackson, K., *Hogan, A., & **Chung, H.** (2021). Acoustic and Ultrasound Image Data of /l/ Produced by Korean-English Bilingual Children. Poster presented at the *Sigma XI Student Research Conference* (virtual).
- Haebig, E., Moland, C. E., Bosanko M., Oetting, J., **Chung, H.**, E. Duncan, S. & Coalson, G. (2021). Strategies to Promote Diversity and Inclusion in University-Level COMD Courses. Proposal presented at the *Annual Convention of the American Speech-Language-Hearing Association*, Washington D.C.
- *Coniglio, E. & **Chung, H.** (2020). Experienced and inexperienced listeners' perception of children's /l/ productions and their acoustic correlates. Proposal accepted at the *Annual Convention of the American Speech-Language-Hearing Association*, San Diego, CA (Convention canceled due to COVID-19).
- *Powery, K. *Coniglio, E. & **Chung, H.** (2020). English /l/ and /w/ sound development in young children with and without Speech Sound Disorders. Proposal accepted at the *Annual Convention of the American Speech-Language-Hearing Association*, San Diego, CA (Convention canceled due to COVID-19).
- *Powery, K. & **Chung, H.** (2020). English /l/ 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 /l/ 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 /l/ 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 /l/ 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 - present)
- Advanced Seminar in Speech Science and Speech Sound Disorders (Fall 2017 - present)
- 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: Committee Member

1. Mariajose Bosanko (Fall 2022 - present), Committee Member
2. Adam Hogan (Fall 2022 - present), Committee Member
3. Lori Vaughn (Fall 2017 – Fall 2021), Committee Member

Dean's Representative on Dissertation Defense Committee

1. Borgmeyer, A. (Fall 2021-present) (School of Social Work)
2. Roys, M. (2021) (Dept. of Psychology)
3. Eduard Teregulov (2020) (School of Music)
4. Nations, J. A. (2020) (Dept. of Biological Science)

Master's Thesis: Chair

1. Lemoine, G. (Spring 2022- present). “// nasalization in young Southern American English-speaking children”.
2. Coniglio, E. (Spring 2021). “Perceptual differences of lateral ratings between experienced and inexperienced clinicians”.
3. Dorsa, R. (Spring 2019). “Acoustic characteristics of vowels produced by young children from the New Orleans area”.

Master's Thesis: Committee Member

1. Hale, T. G. (Spring 2023), “Identifying Key Language Research Priorities in Autistic children According to Parents: A Brief Survey”.
2. Grubbs, K. (Spring 2020), “Acoustic Changes During Passage Reading in Speakers with Parkinson’s Disease”.
3. Espinal, J. (Spring 2020), “Acoustic characteristics of word-final American English liquids produced by L2 adult speakers”.
4. Delaune, H. (Spring 2019), “Differences between the acoustic parameters of prosody in speakers with ASD and typically developing speakers ages three to six”.
5. Sossaman, E. (Spring 2019), “Relationship between subject pronoun and finite verb marking in AAE-speaking children”.
6. Petit, M. (Spring 2019), “Picture Cued and Speech Production Cued Approaches for Speech Sound Learning”.
7. Watkins, E. (Fall 2018), “Early speech deterioration in amyotrophic lateral sclerosis: a case study of newscaster Donna Britt”.
8. Baines, C., Frigon, P. & Ritz, R. (Fall 2013). “Listener Perceptions and Acoustic Characteristics of Children’s Rhotic Vowels” (CSD 900 Capstone Research Projects, Dept. of Communication Sciences & Disorders, University of Alberta, Co-supervisor (with Dr. Karen Pollock))

Undergraduate Research Projects: Mentor

1. Franques, A. G. (Spring 2023 – present). LSU ASPIRE Summer Research Internship Program (summer 2023).
2. Parent-Bordere, B. (Spring 2022- present). LSU McNair Research Program.
3. Jackson, K. (Fall 2021). LSU Discover Undergraduate Research Grant, \$1,500.
 - “Acoustic and Ultrasound Image Analysis of English and Korean // produced by Korean-English Bilingual Children”.
4. Cantrell, R. (Summer 2021-Fall 2021). LSU McNair Research Program. ““Word-Initial // Patterns in African American Speaking Children”.
5. Lemoine, G. (Summer 2021). LSU ASPIRE Summer Research Internship Program, \$1,000
 - “Listeners’ Perception of Word-final // and Speaker Age”
6. Sanders, J. (Spring 2021). Undergraduate Honors Thesis
 - “Listeners’ perception of word-final // produced by adults and young children”.
7. Powery, K. (Summer 2019, Fall 2019, Spring 2020). LSU Discover Undergraduate Research Grant, \$1,000 (Summer 2019), \$900 (Fall 2019) and \$1,200 (Spring 2020).
 - “English // and /w/ sound development in young children with and without Speech Sound Disorders”.
8. Massey, L. A. (Fall 2018). LSU ASPIRE Summer Research Internship Program, \$1,000,
 - “English lateral // sound development in one Korean-English bilingual child: a longitudinal study”.

9. Mahy, L. D. (Summer 2017). LSU ASPIRE Summer Research Internship Program, \$1,000; Undergraduate Honors Thesis (Spring 2018).
 - “A Vowel Perceptual Analysis of Three Regional Dialects of Louisiana”.

Other Undergraduate Projects: Mentor

1. Carver-Dews, T. Distinguished Communicator Faculty Advisor, LSU Communication across the Curriculum (CxC).

PROFESSIONAL SERVICES

Reviewer for Scholarly Journals

- Editorial Board Member, *American Journal of Speech Language Pathology* (2021- present)

Invited Grant Review

- ASHFoundation New Century Scholars Doctoral Scholarship (2021)
- LSU Discover Undergraduate Research Project Grant (Spring 2023)

Ad-hoc Reviewer for Scholarly Journals

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

Reviewer for Conferences presentations

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

Book Review

- *Handbook of Vowels and Vowel Disorders*, 1st Ed. (2020)

American Speech-Language Hearing Association

- ASHFoundation University Giving Program (UGP) ambassador (Fall 2021- present)

Department/College/University Service

- Chair, Department Admissions Committee (2021-present)

- Member, Department Juneau Fund Committee (Spring 2022- present)
- Member, Department Diversity, Equity, and Inclusion Committee (2020-Fall 2022)
- Member, Department Admissions Committee (2020- 2021)
- Member, Department Search Committee (2020-2021)
- Faculty Senate, HSS Faculty Senate (2016- 2021)
- Member, Department Steering Committee (2017- 2020)
- Member, Department Schools Committee (2018-2020)

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 (2017-2020)
- 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: May 2023