

Austin R. Thompson, MA, CCC-SLP

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PROFESSIONAL CREDENTIALS

Certificate of Clinical Competency in Speech-Language Pathology	2020 – present
Licensed Speech-Language Pathologist: State of Florida	2021 – present
Licensed Speech-Language Pathologist: State of Louisiana	2019 – 2020

RESEARCH INTERESTS

Motor control of speech production in speakers with and without dysarthria; Instrumental analysis of speech deficits in dysarthria using speech acoustics and kinematics; Articulatory-to-acoustic and articulatory-to-perceptual relations; Linguistic influences on speech production in bilingual or multilingual speakers; Metascience, data visualization, open science

EDUCATION

Ph.D.	Florida State University Communication Sciences and Disorders Dissertation: <i>A multidimensional study on articulation deficits in Parkinson's disease</i> , Advisor: Dr. Yunjung Kim	Expected 2023
M.A.	Louisiana State University Speech-Language Pathology Thesis: <i>Articulatory kinematics during stop closure in speakers with Parkinson's disease</i> , Advisor: Dr. Yunjung Kim	May 2018
B.A.	Louisiana State University Communication Sciences and Disorders Graduated Magna Cum Laude	May 2016

FELLOWSHIPS, SCHOLARSHIPS, & GRANTS

F31 Ruth L. Kirschstein Predoctoral Individual National Research Service Award	2021
Title: A multidimensional study on articulation deficits in Parkinson's disease	
Agency: National Institutes of Health National Research Service Award (F31 DC020121)	

Status: Awarded (\$80,860), 9/10/2021 – 9/09/2023 ASHFoundation New Century Scholars Doctoral Scholarship Status: Awarded (\$10,000)	2020
ASHFoundation Graduate Student Scholarship Status: Awarded (\$5,000)	2019

PUBLICATIONS

Peer-Reviewed Manuscripts

- Thompson, A.**, Hirsch, M., Lansford, K., Kim, Y-J. (*Accepted*). Vowel acoustics as predictors of speech intelligibility in dysarthria. *Journal of Speech, Language, and Hearing Research*.
- Kim, Y-J., & **Thompson, A.** (2022). An acoustic-phonetic approach to effects of face masks on speech intelligibility. *Journal of Speech, Language, and Hearing Research*. https://doi.org/10.1044/2022_JSLHR-22-00245
- Hirsch, M. E., **Thompson, A.**, Kim, Y-J., & Lansford, K. L. (2022). The reliability and validity of speech-language pathologists' estimations of intelligibility in dysarthria. *Brain Sciences*, 12(8), 1011. doi:10.3390/brainsci12081011
- Kim, Y-J., Chung, H., & **Thompson, A.** (2022). Acoustic and articulatory characteristics of English semivowels /r, l, w/ produced by adult second-language speakers. *Journal of Speech, Language, and Hearing Research*. https://doi.org/doi:10.1044/2021_JSLHR-21-00152
- Espinal, A., **Thompson, A.**, & Kim, Y-J. (2020). Acoustic characteristics of American English liquids /ɹ/, /l/, /ɹl/ produced by Korean L2 adults. *The Journal of the Acoustical Society of America*, 148(2), EL179-EL184. doi:10.1121/10.0001758
- Watkins, E., **Thompson, A.**, & Kim, Y-J. (2019). Speech deterioration of amyotrophic lateral sclerosis before and after diagnosis: A case study of a newscaster. *Perspectives of the ASHA Special Interest Groups*. doi:10.1044/2019_PERS-SIG19-2019-0005
- Thompson, A.**, & Kim, Y-J. (2019). Relation of second formant trajectories to tongue kinematics. *The Journal of the Acoustical Society of America*, 145(4), EL323-EL328. doi:10.1121/1.5099163

Manuscripts in Preparation

Thompson, A., & Kim, Y-J. Speech changes within passage reading in speakers with Parkinson's disease. Manuscript in preparation.

Thompson, A., Hirsch, M. E., & Lansford, K. L., Kim, Y-J. The reliability and validity of speech-language pathologists' estimations of intelligibility in dysarthria: An analysis of speaker- and listener factors. Manuscript in preparation.

Thompson, A., Kim, Y-J. Using electromagnetic articulography for clinical purposes: Thinking of sensors. Manuscript in preparation.

Kim, Y-J., **Thompson, A.**, Nip, I. Effects of deep brain stimulation on speech in Parkinson's disease: Perceptual and acoustic data. Manuscript in preparation.

Thompson, A., & Kim, Y-J. Effects of electromagnetic sensors on speech. Manuscript in preparation.

PRESENTATIONS

National Level Presentations

Kim, Y-J., **Thompson, A.**, Nip, I. (2022). *Effects of deep brain stimulation on speech in Parkinson's disease: Perceptual and acoustic data*. Technical presentation at the American Speech-Language-Hearing Association Convention, New Orleans, LA.

Thompson, A. & Kim, Y-J. (2022). *An articulatory kinematic study on Parkinson's disease in relation to acoustic and perceptual measures*. Oral presentation at the Motor Speech Conference, Charleston, S.C.

Thompson, A., Hirsch, M.E., Kim, Y-J., & Lansford, K.L. (2022). *Vowel acoustics as predictors of speech intelligibility in dysarthria*. Oral presentation at the Motor Speech Conference, Charleston, S.C.

Kim, Y-J., & **Thompson, A.** (2021). *An acoustic-phonetic approach to effects of face masks on speech intelligibility*. Technical presentation at the American Speech-Language-Hearing Association Convention, Washington, D.C.

Thompson, A., Hirsch, M.E., Lansford, K.L., & Kim, Y-J. (2021). *Speech-language pathologists' approximations of speech intelligibility in dysarthria*. Poster presentation at the American Speech-Language-Hearing Association Convention, Washington, D.C.

Kim, Y-J, **Thompson, A.**, Kennedy, E. (2020, February). *Acoustic and kinematic contrastivity in speakers with Parkinson's disease: Focusing on variability*. Oral presentation at the Motor Speech Conference, Santa Barbara, CA.

Thompson, A., Grubbs, K., Kim, Y-J. (2020, February). *Speech changes within passage reading in speakers with Parkinson's disease*. Poster presentation at the Motor Speech Conference, Santa Barbara, CA.

Thompson, A., Espinal, J., Kim, Y-J. (2019, November). *A feasibility study of clinical use of ultrasound imaging for accent modification*. Poster presentation at the annual American Speech-Language-Hearing Association Convention, Orlando, FL.

Espinal, J., **Thompson, A.**, Kim, Y-J. (2019, November). *Acoustic and articulatory characteristics of American English liquids produced by L2 adult speakers*. Poster presentation at the annual American Speech-Language-Hearing Association Convention, Orlando, FL.

Watkins, E., Kim, Y-J, **Thompson, A.** (2018, November). *Early speech deterioration in amyotrophic lateral sclerosis: A case study of newscaster Donna Britt*. Technical presentation at the annual American Speech-Language-Hearing Association Convention, Boston, MA.

Thompson, A., Kuylen, A., Kim, Y-J (2017, December). *Articulatory kinematics during stop closure in speakers with Parkinson's disease*. Poster session presented at the annual meeting of the Acoustical Society of America, New Orleans, LA.

University, Departmental Level Presentations

Thompson, A. & Kim, Y-J (2018, October). *Relation of second formant trajectories to tongue kinematics*. Invited to present at the COMD Research Roundtable, Department of Communication Sciences and Disorders, LSU.

Thompson, A. & Kim, Y-J (2018, January). *Parkinson's disease: An investigation of speech movement*. Chosen to present at the LSU Three Minute Thesis Competition Finale, LSU.

Thompson, A., Kuylen, A., & Kim, Y-J (2018, January). *Articulatory kinematics during stop closure in speakers with Parkinson's disease*. Invited to present thesis findings at the COMD Research Roundtable, Department of Communication Sciences and Disorders, LSU.

Thompson, A., Macdonald, M., Davis, J., McHugh, M. K., & Oetting J. B. (2016, November). *Childhood speech and language screening: Fail rates by age, gender,*

and setting. Poster presented at the COMD Research Roundtable, Department of Communication Sciences and Disorders, LSU.

HONORS & AWARDS

FSU School of Communication Science and Disorders Outstanding Doctoral Student Award	2022
Kathryn Yorkston Student Travel Award	2020, 2022
LSU Graduate Student Association Travel Award	2018, 2019
LSU COMD Outstanding Master's Graduate Student	2018
LSU Three Minute Thesis Competition: People's Choice	2018
ASHA Students Preparing for Academic-Research Careers (SPARC) Award	2017
LSU M. Jane Collins Outstanding Undergraduate COMD Award	2016
LSU Dean's List	2012 - 2016

TEACHING EXPERIENCE

Bilingual Assessment: Language and Literacy in Dual Language Learners (SPA 4470) Guest Lecturer, Topic: Multilingual Assessment in Acquired Communication Disorders	Fall 2022
Motor Speech Disorders (SPA 5230), Guest Lecturer, Topic: Ataxic Dysarthria	Fall 2022
Motor Speech Disorders (SPA 5230), Guest Lecturer, Topic: Dysarthria in Amyotrophic Lateral Sclerosis (ALS)	Fall 2021
Neural Bases of Communication (SPA 4104), Co-Instructor	Fall 2020
Acoustics of Speech and Hearing (COMD 4153), Course Instructor	Spring 2020
Acoustics of Speech and Hearing (COMD 4153), Lab Instructor	Fall 2016 – Fall 2019
Neuropathologies of Speech (COMD 7385), Guest Lecturer Topic: Dysarthria in Parkinson's Disease	Spring 2019
Acoustics of Speech and Hearing (COMD 4153), Supplemental Instructor	Fall 2014 – Fall 2016

MENTORSHIP

Ashley Bishop, FSU Undergraduate Research Opportunity	Fall 2021 – Summer 2022
Meredith Strickland, FSU Undergraduate Research Opportunity	Fall 2021 – Summer 2022
Enak Alfanso, FSU Motor Speech Lab	Fall 2021 – Summer 2022
Lauren Weaver, FSU Motor Speech Lab	Fall 2021 – Spring 2022
Alexis Espinal, LSU Motor Speech Lab	Spring 2019 – Spring 2020
Kimberly Grubbs, LSU Motor Speech Lab	Spring 2019 – Spring 2020
Emily Watkins, LSU Motor Speech Lab	Spring 2018 – Fall 2019

SERVICE

CSDisseminate: A self-archiving initiative (https://www.cdisseminate.com/), Collaborator	2022 – Present
OpenCSD: An open science initiative (https://www.open-csd.com/), Co-Creator	2022- Present
FSU School of Communication Sciences and Disorders (FSU SCSD) Affinity Group, LGBTQ+ Mentor	2022
American Journal of Speech-Language Pathology, Peer Reviewer	2022
Journal of Communication Disorders, Peer Reviewer	2022
American Journal of Speech, Language, and Hearing Research, Peer Reviewer	2022
Student Representative on the Curriculum Committee for the Master of Science in Communication Science and Disorders Program at Florida State University	2021 - 2022
Undergraduate Research Opportunity Program (UROP), Research Mentor	2021 - 2022
Speech and Language Science Topic Committee, Annual American Speech Language Hearing Association 2021 Convention, Committee Member	2021
“Graduate School: Tips for Success as a Master’s Student” Information Session, LSU COMD Open House	2018
“Completing a Master’s Thesis” Information Session, LSU COMD Open House	2017

SKILLS

Applications: TF32, PRAAT, SPSS Statistics, SigmaPlot, Microsoft Word, PowerPoint, Excel, Google Docs, Photoshop, Adobe Premiere, Zotero, EndNote

Programming: MATLAB, R