HYUNJUNG JOO

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RESEARCH INTEREST

Computational phonology
Laboratory phonology

EDUCATION

PhD, Linguistics. Rutgers University.   2021-May 2026 (expected)
Dissertation title: Model theory and representation of intonation.   *New Jersey, USA*
Committee: Dr. Adam Jardine (chair), Dr. Adam McCollum, Dr. Bruce Tesar, and Dr. Scott Nelson

MA, English language and literature. Hanyang University.   2019-2021
Thesis title: Tonal alignment with articulatory gestures in South Kyungsang Korean.   *Seoul, Korea*
Committee: Dr. Taehong Cho (chair), Dr. Sahyang Kim, and Dr. Say Young Kim

BA, English language and literature (Summa Cum Laude). Chung-Ang University.   2012-2016
BA, Media Communication (Summa Cum Laude). Chung-Ang University.   *Seoul, Korea*

NON-DEGREE PROGRAMS

Master's program, English language and literature. Seoul National University.   2016-2018
                                                                          Seoul, Korea
LSA Summer Linguistic Institute, University of Kentucky   2016
                                                                          Kentucky, USA

AWARDS AND HONORS

Andrew W. Mellon Dissertation Completion Fellowship   2025-2026
                                                                    Rutgers University
Organizers' Award for Best Oral Presentation at Phonology and Phonetics in Europe 2023 (PaPE 2023)   June 2-4, 2023
                                                                Nijmegen, the Netherlands
IPA Student Award at the 19th International Congress of Phonetic Sciences (ICPhS 2019)
                                                                    August 5-9, 2019
                                                                    Melbourne, Australia

PEER-REVIEWED JOURNAL ARTICLES

Joo, H. & D'Imperio, M. (2025). The perception of lexical pitch accent in South Kyungsang Korean: the relevance of accent shape. *Language and Speech.*

Hatcher, R., **Joo, H.**, Kim, S. & Cho, T. (2024). Focus-induced tonal distribution in Seoul Korean as an edge-prominence language. *Journal of Phonetics.*

PAPER-REVIEWED CONFERENCE PROCEEDINGS PAPERS

Joo, H. & Jardine, A. (2025). Intonation as a quantifier-free logical interpretation of metrical and prosodic structure. *Proceedings of Society for Computation in Linguistics (SCiL 2025), 8*(1).

Joo, H. & Avelino, G. (2025). Prosodic realization of in-situ focus in Tagalog. *Proceedings of the 31st Annual Meeting of the Austronesian Formal Linguistics Association, 31, 62-74.*

Magnotti R., George D., Li Z., Ji J., **Joo, H.**, Yu J., Ravishankar R., Moe L., Khalid B., Zhang Y., & Stone M. (2023). DiWBot: A Cooking and DIY Conversation Guidance System. *Alexa Prize TaskBot Challenge 2 Proceedings.* Amazon Science.

Hatcher, R., **Joo, H.**, Kim, S. & Cho, T. (2023). How does focus-induced prominence influence realization of edge tones and segmental anchoring in Seoul Korean? *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023).*

Joo, H. & D'Imperio, M. (2023). Perception of lexical pitch accent and rise shape in South Kyungsang Korean. *Proceedings of the 20th International Congress of Phonetic Sciences (ICPhS 2023).*

Joo, H., Jang, J., Kim, S., Cho, T. & Cutler, A. (2019). Prosodic structural effects on coarticulatory vowel nasalization in Australian English in comparison to American English. *Proceedings of the 19th International Congress of Phonetic Sciences (ICPhS 2019).*

ABSTRACT-REVIEWED CONFERENCE PROCEEDINGS PAPERS

Joo, H. & D'Imperio, M. (2023). Rising shape and duration affect pitch accent categorization in South Kyungsang Korean. *Speech Prosody and Beyond workshop (SPaB 2023).* Seoul, South Korea.

Joo, H. & D'Imperio, M. (2023). Rising shape and duration affect pitch accent categorization in South Kyungsang Korean. *Phonetics and Phonology in Europe 2023 (PaPE 2023).* Nijmegen, the Netherlands.

Joo, H., Kim, S. & Cho, T. (2023). Tonal alignment with articulatory gestures in South Kyungsang Korean. *The 3rd Hanyang International Symposium on Phonetics and Cognitive Sciences of Language.* Hanyang University, Seoul, South Korea.

Hatcher, R., **Joo, H.**, Kim, S. & Cho, T. (2023). A preliminary report on how focus-induced prominence influences realization of edge tones and segmental anchoring in Seoul Korean. *The 3rd Hanyang International Symposium on Phonetics and Cognitive Sciences of Language.* Hanyang University, Seoul, South Korea.

Joo, H., Jang, J., Kim, S., Cho, T. & Cutler, A. (2019). Prosodic boundary and prominence effects on vowel nasalization in Australian English versus American English. *The 2nd Hanyang International Symposium on Phonetics and Cognitive Sciences of Language.* Hanyang University, Seoul, Korea.

CONFERENCE PRESENTATIONS

Jang, J., **Joo, H.**, Kim, S., Cutler, A. & Cho, T. Prosodic effects on coarticulatory vowel nasalization: A cross-dialectal study of American and Australian English. *2025 Fall Conference of the Korean Society of Speech Sciences*, Seoul, South Korea, Oct 22. [oral presentation]

Joo, H. & Jardine, A. (2025). Intonation as a quantifier-free logical interpretation of metrical and prosodic structure. *Society for Computation in Linguistics (SCiL 2025)*, Oregon, USA, Aug 18-20. [oral presentation]

Joo, H. (2024). Intonation as local logical interpretations. *2024 Rutgers Subregular Phonology Workshop*, NJ, USA, Sept 27-29. [oral presentation]

Joo, H. & Avelino, G. (2024). Prosodic realization of in-situ focus in Tagalog. *The 31st Meeting of Austronesian Formal Linguistics Association (AFLA 31)*, UMass, USA, June 11-14. [oral presentation]

Hatcher, R., **Joo, H.**, Kim, S. & Cho, T. (2023). How does focus-induced prominence influence realization of edge tones and segmental anchoring in Seoul Korean? *The 20th International Congress of Phonetic Sciences (ICPhS 2023)*, Prague, Czech, August 7-11.

Joo, H. & D'Imperio, M. (2023). Perception of lexical pitch accent and rise shape in South Kyungsang Korean. *The 20th International Congress of Phonetic Sciences (ICPhS 2023)*, Prague, Czech, August 7-11. [poster presentation]

Joo, H. & D'Imperio, M. (2023). Rising shape and duration affect pitch accent categorization in South Kyungsang Korean. *Speech Prosody and Beyond workshop (SPaB 2023)*, June 20-22, Seoul, South Korea. [oral presentation]

Joo, H. & D'Imperio, M. (2023). Rising shape and duration affect pitch accent categorization in South Kyungsang Korean. *Phonetics and Phonology in Europe 2023 (PaPE 2023)*, June 2-4, Nijmegen, the Netherlands. [oral presentation]

Joo, H., Kim, S. & Cho, T. (2023). Tonal alignment with articulatory gestures in South Kyungsang Korean. *The 3rd Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*, May 26-27. Hanyang University, Seoul, South Korea. [poster presentation]

Hatcher, R., **Joo, H.**, Kim, S. & Cho, T. (2023). A preliminary report on how focus-induced prominence influences realization of edge tones and segmental anchoring in Seoul Korean. *The 3rd Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*, May 26-27. Hanyang University, Seoul, South Korea. [oral presentation]

Joo, H. (2023). Perception of lexical pitch accent in South Kyungsang Korean. *Rutgers Linguistics Conference 2023 (RULing 2023)*, May 5. Rutgers University, New Jersey, USA. [oral presentation]

Joo, H. (2023). Case stacking in Korean: Prosodic evidence. *Rutgers Linguistics Conference 2023 (RULing 2023)*, May 5. Rutgers University, New Jersey, USA. [oral presentation]

Joo, H., Jang, J., Kim, S., Cho, T. & Cutler, A. (2019). Prosodic structural effects on coarticulatory vowel nasalization in Australian English in comparison to American English. *The 19th International Congress of Phonetic Sciences (ICPhS 2019)*, Melbourne, Australia, August 5-9. [oral presentation]

Joo, H., Jang, J., Kim, S., Cho, T. & Cutler, A. (2019). Prosodic boundary and prominence effects on vowel nasalization in Australian English versus American English. *The 2nd Hanyang International Symposium on Phonetics and Cognitive Sciences of Language*, May 24-25. Hanyang University, Seoul, Korea. [poster presentation]

Joo, H. (2017) Korean vowel harmony on verbal conjugation. *2017 LSA Summer Linguistic Institute*, July 30, University of Kentucky, USA. [poster presentation]

Joo, H. (2016). A relationship between Korean EFL learners' stress placement of noun-verb homographs and English proficiency. *Gwanpojigyo (Gwanak phonology meeting)*, Seoul National University, Seoul, South Korea. [oral presentation]

OTHER PAPERS

Joo, H. (2017). Korean L2 Learners' Perception of English Front Vowels, /ɛ/ and /æ/. *English Studies*, 37, 109-126.

Joo, H. (2016). A relationship between Korean EFL learners' stress placement of noun-verb homographs and English proficiency. *SNU Working Papers in English Language and Linguistics*, 14, 82-102.

RESEARCH EXPERIENCE

Research Assistant, Linguistics, Rutgers University. 2025

Collaborative Research: Subregular Inference of Morpho-phonology. National Science Foundation.
(PIs: Adam Jardine, Jane Chandlee and Jeffrey Heinz)
· Collected pitch accent data in dialects of Japanese and South Kyungsang Korean.

Research Assistant, Linguistics, Rutgers University. 2025

That is never that. (PI: Dorothy Ahn)
· Designed a video eyetracking experiment using an Eyelink portable duo.
· Analyzed the eyetracking data.

Research Assistant, Computer Science, Rutgers University. 2023

Amazon Taskbot Challenge 2: DiWBot (PIs: Matthew Stone & Yongfeng Zhang)

- Selected as one of the 10 global teams to participate in Amazon Alexa TaskBot Challenge 2.
- Worked on the NLU to understand user intent, and multimodal aspect to increase the user engagement.
- Tested the conversation and finding errors.

Research Assistant, Hanyang Institute for Phonetics and Cognitive Sciences of Language (HIPCS). 2019-2021

Production and perception of cross-linguistic versus language-specific patterns of intergestural timing in three varieties of English and two varieties of Korean (PIs: Taehong Cho & Sahyang Kim)
- Collected articulatory data using Electromagnetic Articulography (EMA).
- Measured articulatory movements with Mview software in MatLab.
- Analyzed data using Linear Mixed Effects models in R.

Research Assistant, Hanyang Institute for Phonetics and Cognitive Sciences of Language (HIPCS). 2018-2021

Prosodic conditioning of the phonetic granularity of coarticulatory vowel nasalization in speech production and perception (PIs: Taehong Cho & Sahyang Kim)
- Collected articulatory data using Electromagnetic Articulography (EMA).
- Segmented sound waves and extract values using Praat.
- Analyzed data using ANOVA and Linear Mixed Effects models in R.

TEACHING EXPERIENCE

Instructor, Linguistics, Rutgers University.	Spring 2025
Phonetics (LING 451)	
Instructor, Linguistics, Rutgers University.	Fall 2024
Introduction to Linguistic Theory (LING 201 Honors)	
Instructor, Linguistics, Rutgers University.	Spring 2024
Introduction to Linguistic Theory (LING 201)	
Teaching Assistant, Linguistics, Rutgers University.	Fall 2023
Introduction to Linguistic Theory (LING 201)	
Teaching Assistant, English language and literature, Seoul National University.	Fall 2018
College English I	
Teaching Assistant, English language and literature, Seoul National University.	Spring 2018
English Semantics	
Teaching Assistant, English language and literature, Seoul National University.	Winter 2017
Advanced English: Literature	
Teaching Assistant, English language and literature, Seoul National University.	Fall 2017
Introduction to English Linguistics	
Teaching Assistant, English language and literature, Seoul National University.	Spring 2017
Modern Society and Global Language	
Teaching Assistant, English language and literature, Seoul National University.	Fall 2016
Modern Society and Global Language	
Teaching Assistant, English language and literature, Seoul National University.	Summer 2016
College English I	

SCHOLARSHIP

- **Excellence Fellowship**, Rutgers University.	2021 Fall-2023 Spring
- **College Contest Winner Scholarship**, Hanyang University.	2020 Spring-2020 Fall
- **National Scholarship (Co-op), Creative Korea 2**, Hanyang University.	2019 Fall
- **College Contest Winner Scholarship**, Hanyang University.	2019 Fall
- **Research Assistant Scholarship**, Hanyang University.	2019 Fall
- **College Contest Winner Scholarship**, Hanyang University.	2019 Spring
- **Teaching Assistant Scholarship**, Hanyang University.	2019 Spring
- **Lecture & Research Scholarship**, Hanyang University.	2019 Spring-2020 Fall
- **Global Future Leader Scholarship**, Hanyang University.	2019 Fall
- **Lecture & Research Scholarship**, Seoul National University.	2018 Spring-Fall
- **Fellowship for Fundamental Academic Fields**, Seoul National University.	2017 Spring-Fall
- **Lecture & Research Scholarship**, Seoul National University.	2016 Fall
- **Merit-based scholarship**, Seoul National University.	2016 Spring
- **Department Secondary Honor Scholarship**, Chung-Ang University.	2015 Spring-Fall, 2012 Fall

SERVICES AND ACTIVITIES

- Annual Meeting on Phonology (AMP) 2024, Organizer.	2024 Fall
- The Meaning Across Languages (MAL) Lab, Eyetracker manager.	2024 Spring-
- Mathmatical Linguistics reading group (MathLing), Organizer.	2021 Spring-
- Phonology & Phonetics reading group (PhonX), Organizer.	2021 Spring-2023 Fall
- Big data club 'ToBigs' (learned R scripting, statistics).	2015-2017

SKILLS

- **Experimental skills**: Praat (Speech analyses and synthesis, scripting), VoiceSauce, Electromagnetic Articulography (EMA), Eyetracker (Eyelink portable duo)

- **Coding and statistics**: R (Statistical analyses, scripting), Python (Basic), MATLAB (Basic), LATEX

LANGUAGES

Korean (Native), English (Fluent)