

HYUNJUNG JOO

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RESEARCH INTEREST

Computational phonology
Laboratory phonology

EDUCATION

PhD, Linguistics. Rutgers University.	2021- New Jersey, USA
MA, English language and literature. Hanyang University.	2019-2021 Seoul, Korea
BA, English language and literature (Summa Cum Laude). Chung-Ang University.	2012-2016
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

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

PUBLICATIONS

Joo, H. & D'Imperio, M. (Accepted). 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*.

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.

Joo, H. (2021). *Tonal alignment with articulatory gestures in South Kyungsang Korean*. Master's thesis. Hanyang University.

Joo, H. (2017). Korean L2 Learners' Perception of English Front Vowels, / ϵ / and / \ae /. *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.

CONFERENCE PROCEEDINGS PAPERS

Joo, H. & Avelino, G. (2024). Prosodic realization of in-situ focus in Tagalog. *Proceedings of Austronesian Formal Linguistics Association (AFLA 31)*.

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)*.

PRESENTATIONS

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. *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. [poster presentation]

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]

RESEARCH EXPERIENCE

Research Assistant, Computer Science, Rutgers University. 2023

Amazon Taskbot Challenge 2: DiWBot (Director: 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 (Director: 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 (Director: 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)

SCHOLARSHIP

- **Excellence Fellowship**, Rutgers University. 2021 Fall-2023 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-
- Mathematical 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)