

Curriculum Vitae: Hyunah Baek

CONTACT INFO

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RESEARCH INTERESTS

phonology and phonetics, syntax-phonology interface, second language acquisition, computational phonology

EDUCATION

Ph.D. candidate in Linguistics, present
Stony Brook University, Stony Brook, NY

M.A. in English Language Education, 2013
Korea University, Seoul, Korea
Thesis: Korean *EFL Learners' Perception of English Focus*
Committee: Shinsook Lee (chair), Taegoo Chung, Mi-Hui Cho

B.A. in English Language Education, 2011
Korea University, Seoul, Korea

Visiting student in English, 2010
Royal Holloway, University of London, UK

RESEARCH EXPERIENCE

Research assistant Stony Brook University, 09/2015 - present
Project title: Language Adaptation at Multiple Timescales in Native- and Non-Native Speakers
Supervisor: Ellen Broselow, Marie Huffman
Duties: designing and conducting production and processing experiments,
data collection and analysis

Research intern Korea Institute for Curriculum and Evaluation, 02/2013 - 01/2014
Project title: Strategies for Improving the Affective Characteristics of Korean Students
based on the Results of PISA and TIMSS
Supervisor: Seung Hyun Choe
Duties: field observation, quantitative and qualitative data analysis,
workshop organization

Research assistant Korea University, 02/2012 - 02/2013

Project title: Korean University Students' Listening Comprehension and Learning Effects of Connected Speech Processes in English

Supervisor: Shinsook Lee

Duties: data collection and analysis

PUBLICATIONS

Baek, H. (under preparation). Perceptual assimilation of ambiguous vowels in L1 versus in L2.

Hwang, J., Lee, S., & Baek, H. (under preparation). Perception and production of non-native contrasts.

Takahashi, C., Kao, S., **Baek, H.**, Yeung, A., Hwang, J., & Broselow, E. 2018. Native and non-native speaker processing and production of contrastive focus prosody. *Proceedings of the Linguistic Society of America 2018* 3(1), 35:1-13.

Baek, H. & Yun, J. 2017. Prosodic disambiguation of syntactically ambiguous phrases in Korean. *Proceedings of the 13th Workshop on Altaic Formal Linguistics (WAFL 13)*, 89-100.

Baek, H. 2017. Computational representation of unbounded stress: tiers with structural features. *Proceedings of the 53th Annual Meeting of the Chicago Linguistic Society (CLS 53)*, 13-24.

Baek, H. 2016. A match theoretic approach to Korean intonational phonology. *Proceedings of the 52th Annual Meeting of the Chicago Linguistic Society (CLS 52)*, 39-51.

Kao, S., Hwang, J., **Baek, H.**, Takahashi, C., & Broselow, E. 2016. International teaching assistants' production of focus intonation. *Proceedings of Meetings on Acoustics* 26(1), 1-13.

Baek, H. 2012. Perception of English focus in *yes-no* questions by Korean EFL learners. *Journal of Studies in Language*, 28(2), 263-283.

PRESENTATIONS

Baek, H. 2019. A cross-linguistic comparison on the use of acoustic cues for ambiguity resolution. Poster to be presented at the 177th Meeting of the Acoustical Society of America (ASA 171). Louisville, Kentucky. May 13-17, 2019.

Yeung, A., **Baek, H.**, Takahashi, C., Hwang, J., & Broselow, E. 2019. Pitch range, intensity, and vocal fry in non-native and native English focus intonation. Poster to be presented at the 177th Meeting of the Acoustical Society of America (ASA 171). Louisville, Kentucky. May 13-17, 2019.

Baek, H., Hwang, J., Takahashi, C., Yeung, A., Duncan, J., Benedett, S., & Broselow, E. (2019). Are non-native speakers better at producing contrastive focus?. Poster to be presented at the 4th Intonation Workshop. University of Toronto, Toronto, Canada. February 15, 2019.

Takahashi, C., Yeung, A., **Baek, H.**, Broselow, E., & Hwang, J. 2019. Processing prosody without segments: native vs. non-native speakers. Poster presented at the 93rd Annual Meeting of the Linguistic Society of America (LSA 2019). New York City, New York. January 3-6, 2019.

Takahashi, C., Kao, S., **Baek, H.**, Yeung, A., Hwang, J., & Broselow, E. 2018. Native and non-native speaker processing and production of contrastive focus prosody. Paper presented at the 92nd Annual Meeting of the Linguistic Society of America (LSA 2018). Salt Lake City, Utah. January 4-7, 2018.

Takahashi, C., Kao, S., **Baek, H.**, Yeung, A., Huffman, M., Broselow, E., & Hwang, J. 2017. English Focus Prosody Processing and Production by Mandarin Speakers. Poster presented at the 174th Meeting of the Acoustical Society of America (ASA 174). New Orleans, Louisiana. December 4-8, 2017.

Takahashi, C., **Baek, H.**, Kao, S., & Yeung, A. 2017. Processing and production of English focus prosody by native English vs. Mandarin speakers. Poster presented at Processing Prosody across Languages, Varieties, and Nateness Workshop (ProPro Workshop 2017). University of Tübingen. Tübingen, Germany. August 31-September 1, 2017.

Baek, H. & Yun, J. 2017. An experimental approach to syntax-prosody mapping in Korean. Paper presented at the 20th Meeting of the International Circle of Korean Linguistics (ICKL 20). University of Helsinki. Helsinki, Finland. June 27-29, 2017.

Baek, H. & Yun, J. 2017. Prosodic disambiguation of syntactically ambiguous phrases in Korean. Paper presented at the 13th Workshop on Altaic Formal Linguistics (WAFL 13). International Christian University. Tokyo, Japan. May 25-28, 2017.

Baek, H. 2017. Computational representation of unbounded stress: tiers with structural features. Paper presented at the 53th Annual Meeting of the Chicago Linguistic Society (CLS 53). University of Chicago. Chicago, Illinois. May 25-27, 2017.

Baek, H. 2016. Computational representation of unbounded stress: tiers with structural features. Paper presented at the Computational Phonology Workshop. Stony Brook University. Stony Brook, New York. December 12, 2016.

Kao, S., Takahashi, C., **Baek, H.**, Hwang, J., & Broselow, E. 2016. Pitch alignment and intensity cues in Mandarin speakers' production of English corrective focus. Paper presented at the 2nd workshop on Second Language Prosody (SLaP 2). University of Graz. Graz, Austria. November 18-19, 2016.

Kao, S., Hwang, J., **Baek, H.**, Takahashi, C., & Broselow, E. 2016. Longitudinal Study of International Teaching Assistants' Focus Prosody. Invited talk at a LIN 425 (Second Language Phonetics) class. Stony Brook University. Stony Brook, New York. October 11, 2016.

Kao, S., Hwang, J., **Baek, H.**, Takahashi, C., & Broselow, E. 2016. Longitudinal Study of International Teaching Assistants' Focus Prosody. Paper presented at the 35th Second Language Research Forum (SLRF 2016). Teachers College, Columbia University. New York, New York. September 22-25, 2016.

Kao, S., Hwang, J., **Baek, H.**, Takahashi, C., & Broselow, E. 2016. International teaching assistants' production of focus intonation. Poster presented at the 171th Meeting of the Acoustical Society of America (ASA 171). Salt Lake City, Utah. May 23-27, 2016.

Baek, H. 2016. A match theoretic approach to Korean intonational phonology. Paper presented at the 52nd Annual Meeting of the Chicago Linguistic Society (CLS 52). University of Chicago. Chicago, Illinois. April 21-23, 2016.

TEACHING EXPERIENCE

University courses

Instructor (Stony Brook University, NY)

Summer 2015 ESL 193: Advanced Composition
Fall 2014 ESL 192: Intermediate Composition

Teaching assistant (Stony Brook University, NY)

Spring 2018 LIN 201: Phonetics (Instructor: Marie Huffman)
Spring 2017 LIN 431: Structure of Uncommonly Taught Languages
(Instructor: Michael Becker)
Spring 2016 LIN 201: Phonetics (Instructor: Marie Huffman)
Fall 2015 LIN 201: Phonetics (Instructor: Marie Huffman)
Spring 2015 LIN 200: Languages in the USA (Instructor: Andrei Antonenko)

Teaching assistant (Korea University, Seoul, Korea)

Fall 2012 ELED 424: Applied Linguistics (Instructor: Shinsook Lee)
Spring 2012 ELED 225: English Phonetics and Sound Patterns (Instructor: Shinsook Lee)

Others

English lecturer/volunteer teacher

01/2013 Kaywon Middle School of Arts (Gyeonggi, Korea; taught 7th-grade students)
09-12/2012 Hanil Institute (Gyeonggi, Korea; taught students in 1st-12th grades)
09-11/2008 Korea University Middle School (Seoul, Korea; taught unprivileged students)
09-11/2007 Yongma Middle School (Seoul, Korea; taught underachieving students)

Graduate assistant (Korea University, Seoul, Korea)

Spring-Fall 2011 Center for Teaching and Learning (organized teaching programs for faculty)

SERVICES

Spring 2015 Brown Bag organizer, Department of Linguistics, Stony Brook University
Fall 2015 Colloquium organizer, Department of Linguistics, Stony Brook University

CERTIFICATION

Secondary Teaching Certificate (English Language)
Ministry of Education, Republic of Korea

LANGUAGES

Korean: native
English: fluent
Mandarin: intermediate

SKILLS

Psychopy	experiment
Experigen	experiment
SR Research Experiment Builder	experiment (eye-tracking)
Presentation	experiment (EEG)
Praat	speech sound analysis
R	statistical analysis
Python	computer programming