

## CURRICULUM VITAE

### HAERIM HWANG

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### RESEARCH FOCUS

My research focus lies at the intersection of (psycho)linguistics and computational science. Specifically, I investigate fundamental issues in language acquisition, language processing, and language use via behavioral experiments and natural language processing techniques.

### PRESENT POSITION

2022–            Assistant Professor  
Department of English, Chinese University of Hong Kong  
<https://www.eng.cuhk.edu.hk/>

### EDUCATION

2015–2020    Ph.D., Second Language Studies  
University of Hawai‘i at Mānoa, Honolulu, Hawai‘i, USA  
Dissertation: *A contrast between VP-ellipsis and Gapping in English:  
L1 acquisition, L2 acquisition, and L2 processing*  
Advisor: Bonnie D. Schwartz

2010–2013    M.A., English Language Education  
Seoul National University, Republic of Korea  
Thesis: *Phonetico-syntactic realization of pronouns in the English transitive construction*  
Advisor: Hyun-Kwon Yang

2004–2008    B.A., Elementary Education  
B.A., English Language Education (Double Major)  
Korea National University of Education, Republic of Korea  
(summa cum laude)

### PUBLICATIONS

#### Referred Journal Articles

Under revision   **Hwang, H.** Development of morphological diversity in second language Korean: An NLP analysis using the Korean Morphological Richness Analyzer 1.0.

## Referred Journal Articles (cont.)

- Under revision **Hwang, H.** Do position and lexical knowledge matter in children's second language speech perception?
- Under revision Kim, H., Kim, K., Jo, K., **Hwang, H.** Sensitivity to syntactic dependency formation in child second language processing: A study of numeral quantifiers in Korean.
- 2022 **Hwang, H.**, & Kim, H. Automatic analysis of constructional diversity as a predictor of EFL students' writing proficiency. *Applied Linguistics*. (online first)
- 2022 Kim, H., & **Hwang, H.** Assessing verb-construction integration in young EFL learners: Analyses of written and spoken production. *Language Learning*, 72(2), 497–533. doi: <http://doi.org/10.1111/lang.12480>.
- 2022 **Hwang, H.** Syntactico-semantic realizations of pronouns in the English transitive construction: A corpus-based analysis. *Corpus Linguistics and Linguistic Theory*, 18(1), 115–143. doi: 10.1515/cllt-2019-0061.
- 2020 Kim, H., Shin, G-H., & **Hwang, H.** Integration of verbal and constructional information in the second language processing of English dative constructions. *Studies in Second Language Acquisition*, 42(4), 825–847. doi: 10.1017/S0272263119000743
- 2020 Kim, H., Rah, Y., & **Hwang, H.** Testing usage-based approaches to assessing EFL learners' development of English argument structure constructions. *English Teaching*, 75(s1), 55–78. doi: 10.15858/engtea.75.s1.202006.55
- 2020 **Hwang, H.**, Jung, H., & Kim, H. Effects of written versus spoken production modalities on syntactic complexity measures in beginning-level child EFL learners. *The Modern Language Journal*, 104(1), 267–283. doi: 10.1111/modl.12626
- 2019 **Hwang, H.**, & Kim, H. A comparative analysis of EFL students' needs and evaluation of English curriculum: A case study from Korea. *English Teaching*, 74(4), 3–29. doi: 10.15858/engtea.74.4.201912.3
- 2017 Kim, H., **Hwang, H.**, & Rah, Y. Young EFL students' reliance on path-breaking verbs in the use of English argument structure constructions. *Journal of Cognitive Science*, 18(3), 341–366. doi: 10.17791/jcs.2017.18.3.341

## Conference Proceedings

- 2018 Deen, K., Bondoc, I., Camp, A., Estioca, S., **Hwang, H.**, Shin, G.-H., Takahashi, M., Zenker, F., & Zhong, J. Repetition brings success: Revealing knowledge of the passive voice. In A. B. Bertolini & M. J. Kaplan (Eds.), *Proceedings of the 42nd Annual Boston University Conference on Language Development* (pp. 200–213). Somerville, MA: Cascadilla Press.

## AWARDS/GRANTS/HONORS

- 2023            Direct Grant for Research  
Faculty of Arts, The Chinese University of Hong Kong, Hong Kong  
“Predictive processing in native and nonnative language: An interdisciplinary study combining psycholinguistics and computational linguistics”  
Amount: HK\$94,971
- 2022            Granite Tower Best Teaching Award, Top 5%  
Korea University, Republic of Korea
- 2022            Teacher Award  
Seoul Bukbu District Office of Education, Republic of Korea
- 2020            College of Languages, Linguistics & Literature Excellence in Doctoral Dissertation  
Research Award  
University of Hawai‘i at Mānoa, USA  
“Contrasts between VP-ellipsis and Gapping in L1 acquisition, L2 acquisition,  
and L2 processing”  
Amount: US\$500
- 2020            Ruth Crymes Memorial Grant  
University of Hawai‘i at Mānoa, USA  
“L2 acquisition of contrasts in interpretive ambiguity between VP-ellipsis and Gapping”  
Amount: US\$500
- 2019            Dai Ho Chun Scholarship  
University of Hawai‘i at Mānoa, USA  
“How do different processes of speaking and writing affect syntactic complexity in child  
second language production?”  
Amount: US\$4,000
- 2019            Elizabeth Carr-Holmes Scholarship  
University of Hawai‘i at Mānoa, USA  
“Do L2 learners process verb gaps in sentence comprehension?”  
Amount: US\$300
- 2019            Paula Menyuk Travel Award  
Boston University Conference on Language Development, USA  
“L2 acquisition of contrasts in interpretive ambiguity between VP-ellipsis and Gapping”  
Amount: US\$330
- 2018            Elizabeth Carr-Holmes Scholarship  
University of Hawai‘i at Mānoa, USA  
“A contrast between VP-ellipsis and Gapping in English: L1 acquisition, child L2  
acquisition, and adult L2 acquisition”  
Amount: US\$300

**AWARDS/HONORS (cont.)**

- 2018            Research Fund  
University of Hawai‘i at Mānoa, USA  
“Revisiting empty-category processing by L2 learners with only classroom exposure”  
Amount: US\$750
- 2017            CUNY Travel Award  
30th Annual CUNY Conference on Human Sentence Processing, USA  
“Revisiting empty-category processing by L2 learners with only classroom exposure”  
Amount: US\$400
- 2017            Graduate Student Organization Grant, University of Hawai‘i at Mānoa, USA  
“Revisiting empty-category processing by L2 learners with only classroom exposure”  
Amount: US\$300
- 2015–2020    Fulbright Scholarship, US Government, USA  
Amount: US\$70,000
- 2008            Best Grade Award, Korea Federation of Teacher’s Associations, Republic of Korea
- 2006            Academic and Cultural Exchange Scholarship, Korea National University of Education,  
Republic of Korea  
Amount: US\$1,000
- 2004–2007    Excellence of Academics, Korea National University of Education, Republic of Korea  
Amount: US\$2,350

**INVITED TALKS/WORKSHOPS**

- 2022            **Hwang, H.** A self-paced reading task: Experimental design and analysis. College of Education, Seoul National University, Seoul, Republic of Korea. (November 15)
- 2022            **Hwang, H.** Artificial intelligence in applied linguistics. College of Education, Seoul National University, Seoul, Republic of Korea. (November 8)
- 2022            **Hwang, H.** Coh-Metrix workshop: Analysis of learner speech data. KAMALL (Korea Association of Multimedia-Assisted Language Learning) Digital Literacy Academy for Language Education Experts, Seoul, Republic of Korea. (June 10)
- 2022            **Hwang, H.** Python workshop: Text mining in Python. KAMALL (Korea Association of Multimedia-Assisted Language Learning) Digital Literacy Academy for Language Education Experts, Seoul, Republic of Korea. (March 11)
- 2021            **Hwang, H.** An NLP tool for the analysis of constructional diversity. ALAK (Applied Linguistics Association of Korea) International Conference 2021 on Language Learning, the Brain, and Computers, Hankuk University of Foreign Studies, Seoul, Republic of Korea. (October 2)

## INVITED TALKS/WORKSHOPS (cont.)

- 2019      **Hwang, H.**, & Schwartz, B. D. How do L1-Korean speakers understand English VP-ellipsis and Gapping? NINJAL-UHM Linguistics Workshop on Syntax-Semantics Interface, Language Acquisition, and Naturalistic Data Analysis, University of Hawai‘i at Mānoa, Honolulu, USA. (October 12)

## PRESENTATIONS AT PROFESSIONAL MEETINGS

- 2021      **Hwang, H.** An NLP analysis of VP-ellipsis and Gapping in EFL input. 2021 KAPEE (Korea Association of Primary English Education) Workshop and Annual Conference, Gyeongin National University of Education, Anyang, Republic of Korea. (October 2)
- 2021      **Hwang, H.** Natural language processing, acquisition, and processing of VP-ellipsis and Gapping. 2021 KASELL (Korean Association for the Study of English Language and Linguistics) Spring Conference on English Linguistics, Hanyang Women’s University, Seoul, Republic of Korea. (June 5)
- 2021      **Hwang, H.**, & Schwartz, B. D. Processing verb gaps in a second language. Bi-annual Conference on Generative Approaches to Language Acquisition–North America 9, University of Iceland in Reykjavík, Iceland. (poster, May 9)
- 2020      **Hwang, H.** Grammar search for *wh*-questions during task performance in English. 2020 KAPEE (Korea Association of Primary English Education) Workshop and Annual Conference, Gyeongin National University of Education, Anyang, Republic of Korea. (September 19)
- 2020      **Hwang, H.** Successful reconstruction of verb gaps in second language processing. Languages, Linguistics & Literature Graduate Student Conference, University of Hawai‘i at Mānoa, Honolulu, USA. (April 18)
- 2020      **Hwang, H.**, Choe, A., & Zenker, F. Construction counter: A tool to measure (nonnative) language development. Brown Bag Series, University of Hawai‘i at Mānoa, Honolulu, USA. (April 16)
- 2020      **Hwang, H.**, & Schwartz, B. D. Do second language learners process a verb gap? Chuo-UHM-UTokyo Student Conference on Linguistics, Psycholinguistics, and Second Language Acquisition, University of Hawai‘i at Mānoa, Honolulu, USA. (poster, January 17)
- 2019      **Hwang, H.**, & Schwartz, B. D. L2 acquisition of contrasts in interpretive ambiguity between VP-ellipsis and Gapping. Boston University Conference on Language Development 44, Boston University, Boston, USA. (November 9)
- 2019      **Hwang, H.**, & Schwartz, B. D. On the interpretations of VP-ellipsis and Gapping in the English of L1-Korean speakers. Language Acquisition Reading Group, University of Hawai‘i at Mānoa, Honolulu, USA. (September 27)

# PRESENTATIONS AT PROFESSIONAL MEETINGS (cont.)

- 2019        **Hwang, H.**, Jung, H. Y., & Kim, H. How do different processes of speaking and writing affect syntactic complexity in child second language production? International Cognitive Linguistics Conference 15, Kwansei Gakuin University, Nishinomiya, Japan. (poster, August 7)
- 2019        **Hwang, H.** Second language perception of English stops by Korean-speaking child learners: Effects of position and lexical knowledge. Hanyang International Symposium on Phonetics and Cognitive Sciences of Language, Hanyang University, Seoul, Republic of Korea. (poster, May 24)
- 2018        Zenker, F., & **Hwang, H.** Testing for island effects with topic structures in L1 Korean and L1/L2 English. Language Acquisition Reading Group, University of Hawai'i at Mānoa, Honolulu, USA. (November 30)
- 2018        **Hwang, H.** A proposal for testing interpretation contrasts between VP-ellipsis and Gapping. Chuo-UHM-UTokyo Student Conference on Linguistics, Psycholinguistics, and Second Language Acquisition, University of Hawai'i at Mānoa, Honolulu, USA. (poster, September 14)
- 2018        Zenker, F., & **Hwang, H.** Testing for island effects with topic structures in L1 Korean and L1/L2 English. Chuo-UHM-UTokyo Student Conference on Linguistics, Psycholinguistics, and Second Language Acquisition, University of Hawai'i at Mānoa, Honolulu, USA. (poster, September 14)
- 2018        **Hwang, H.** A pilot study on the contrast between VP-ellipsis and Gapping in second language acquisition. Language Acquisition Reading Group, University of Hawai'i at Mānoa, Honolulu, USA. (February 9)
- 2017        Deen, K., Bondoc, I., Camp, A., Estioca, S., **Hwang, H.**, Shin, G., Takahashi, M., Zenker, F., & Zhong, C. Repetition Brings Success: Revealing knowledge of the passive voice. Boston University Conference on Language Development 42, Boston University, Boston, USA. (November 3)
- 2017        **Hwang, H.**, Kim, H., & Schwartz, B. D. Revisiting empty-category processing by L2 learners with only classroom exposure. CUNY 2017: Conference on Human Sentence Processing, MIT, Boston, USA. (poster, March 30)
- 2017        **Hwang, H.**, Kim, H., & Schwartz, B. D. Revisiting empty-category processing by L2 learners with only classroom exposure. Language Acquisition Reading Group, University of Hawai'i at Mānoa, Honolulu, USA. (March 10)
- 2016        **Hwang, H.** Perception of English stops by Korean children: Effects of position and lexical knowledge. Language Acquisition Reading Group, University of Hawai'i at Mānoa, Honolulu, USA. (September 16)
- 2015        **Hwang, H.** Syntactico-semantic realizations of pronouns in the English transitive construction: A corpus-based analysis. Chuo-UHM-UTokyo Student Conference on Linguistics, Psycholinguistics, and Second Language Acquisition, University of Hawai'i at Mānoa, Honolulu, USA. (poster, September 15)

**RELATED PROFESSIONAL ACTIVITIES**

2023	Reviewer <i>Bilingualism: Language and Cognition</i>
2022–	Research Consultant Analysis of elite athletes' shooting skills through text mining Kyunghee University, Seoul, Republic of Korea
2022–	Research Consultant Music class project: Meet, share, and enjoy Project, Changdong Elementary School, Seoul, Republic of Korea
2022	Discussant KAPEE (Korea Association of Primary English Education) 2022 Annul Conference, Gyeongin National University of Education, Anyang, Republic of Korea (October 22)
2022	Reviewer <i>Language and Cognition</i>
2022	Reviewer <i>Journal of Second Language Writing</i>
2022	Reviewer <i>The Modern Language Journal</i>
2021	Reviewer <i>Spanish Journal of Applied Linguistics</i>
2021–Present	Member The Applied Linguistics Association of Korea
2021	Reviewer <i>TESOL Quarterly</i>
2021–Present	Member The Korean Association for the Study of English Language and Linguistics
2021	Reviewer <i>Journal of Research in Curriculum Instruction</i>
2021	Pre-service Teacher Trainer Seoul National University of Education, Sungok Elementary School, Seoul, Republic of Korea
2020 – 2021	Member Korea Association of Teachers of English
2020	Reviewer <i>Language Assessment Quarterly</i>

**RELATED PROFESSIONAL ACTIVITIES (cont.)**

- 2020           Reviewer  
*English Teaching*
- 2020           Interpreter  
2020 International Program for College Nursing Students  
The Center for Asia-Pacific Exchange, Honolulu, USA (January 16, 23, February 4)
- 2019           Volunteer  
NINJAL-UHM Linguistics Workshop on Syntax-Semantics Interface, Language Acquisition, and Naturalistic Data Analysis  
University of Hawai‘i, Honolulu, USA (October 12–October 13)
- 2019           Abstract Reviewer  
Graduate Student Conference of the College of Languages, Linguistics, and Literature  
University of Hawai‘i at Mānoa, Honolulu, USA (March 13–March 15)
- 2019           Panelist  
Conference Proposals Workshop Panel  
Graduate Student Conference of the College of Languages, Linguistics, and Literature  
University of Hawai‘i at Mānoa, Honolulu, USA (March 6)
- 2019           Tech Support Volunteer  
The 6th International Conference on Language Documentation & Conservation  
University of Hawai‘i at Mānoa, Honolulu, USA (February 28–March 3)
- 2019           Interpreter  
2019 International Program for College Nursing Students  
The Center for Asia-Pacific Exchange, Honolulu, USA (January 18, 23)
- 2018           Panelist  
Experienced International TAs Give Advice and Answer Questions  
The Center for Teaching Excellence and the English Language Institute  
University of Hawai‘i at Mānoa, Honolulu, USA (August 13)
- 2018           Moderator  
2018 SNU International Conference on Linguistics  
Seoul National University, Seoul, Republic of Korea (June 15–16)
- 2017           Tech Support Volunteer  
The 25th Japanese Korean Linguistics Conference  
University of Hawai‘i at Mānoa, Honolulu, USA (October 12–14)
- 2017 – Present   Shared Praat scripts as well as tutorial information and scripts for Psychopy with lab users  
Language Analysis and Experimentation (LAE) Labs, University of Hawai‘i at Mānoa, Honolulu, USA
- 2016 – 2017    Coordinator  
Language Acquisition Reading Group, University of Hawai‘i at Mānoa, Honolulu, USA



## **RELATED PROFESSIONAL ACTIVITIES (cont.)**

2016            Interpreter  
2016 International Program for College Nursing Students  
The Center for Asia-Pacific Exchange, Honolulu, USA (January 20, 27, 28)

## **TEACHING**

2023            ENGE 2960: The World in English: An Oxford Summer Programme  
Department of English, The Chinese University of Hong Kong, Hong Kong

2023            ENGE 5410: Psycholinguistics  
Department of English, The Chinese University of Hong Kong, Hong Kong

2023            ENGE 3610: Psycholinguistics  
Department of English, The Chinese University of Hong Kong, Hong Kong

2023            ENGE 4700: Independent Research Project  
Department of English, The Chinese University of Hong Kong, Hong Kong

2022            Invited Speaker  
“Analysis of eye-tracking data in R”  
Department of English Language Education, Seoul National University, Seoul,  
Republic of Korea (December 6)

2022            ENGE 5010: Theoretical Linguistics  
Department of English, The Chinese University of Hong Kong, Hong Kong

2022            ENGE 5630: Cognitive Linguistics and its Application in Language Teaching  
Department of English, The Chinese University of Hong Kong, Hong Kong

2022            ENGE 4700: Independent Research Project  
Department of English, The Chinese University of Hong Kong, Hong Kong

2022            Invited Speaker  
“Inferential statistics: ANOVA and t-tests”  
Department of English, The Chinese University of Hong Kong, Hong Kong  
(November 24)

2022            Invited Speaker  
“Taster lecture on applied English linguistics”  
CUHK Information Day, The Chinese University of Hong Kong, Hong Kong  
(October 15)

2022            Invited Speaker  
“Artificial intelligence and English education”  
Seoul National University of Education & Sindorim Elementary School, Seoul,  
Republic of Korea (May 17)

**TEACHING (cont.)**

- 2022           Invited Speaker  
 “Python and R workshop: Keyword analysis in Python & ordinal regression analysis in R”  
 Department of Physical Education, Sangji University, Wonju, Republic of Korea  
 (April 28–30)
- 2022           Lecturer  
 ENGL423: Psycholinguistics (in English)  
 Department of English Language and Literature, Korea University, Seoul,  
 Republic of Korea
- 2022           Invited Speaker  
 “Python workshop: Artificial intelligence in applied linguistics”  
 Department of English Education, Gyeongin National University of Education, Anyang,  
 Republic of Korea  
 (February 17)
- 2022           Invited Speaker  
 “Python workshop: Lexical and syntactic analysis of Korean data”  
 Department of Korean Studies, Ewha Womans University, Seoul, Republic of Korea  
 (February 4–6)
- 2021           Lecturer  
 ENG947-00: Psycholinguistics (in English, online)  
 Department of English Language and Literature, Korea University, Seoul,  
 Republic of Korea
- 2021           Invited Speaker  
 “Python workshop: Frequency and semantic analysis of Korean data”  
 Department of Korean Studies, Ewha Womans University, Seoul, Republic of Korea  
 (September 24–26)
- 2021           Invited Speaker  
 “English education: Theory and practice”  
 Seoul National University of Education & Sungok Elementary School, Seoul,  
 Republic of Korea (April 27)
- 2020           Invited Speaker  
 “R workshop: Data visualization”  
 Department of English Language Education, Seoul National University, Seoul,  
 Republic of Korea (December 11)
- 2020 – 2022   Full-time Teacher  
 Sungok Elementary School, Seoul, Republic of Korea
- 2020           Graduate Assistant: Instructor of Record  
 SLS 480N: Second Language Analysis: Basic Language Concepts for Second Language  
 Learning, Teaching, & Use (transitioned to online due to COVID-19)  
 Department of Second Language Studies, University of Hawai‘i at Mānoa, USA

**TEACHING (cont.)**

2020	Invited Speaker “Praat workshop: Analysis of vowel features” Department of Second Language Studies, University of Hawai‘i at Mānoa, USA (January 29, February 3)
2019	Graduate Assistant: Instructor of Record SLS 485: Professionalism in Second Language Studies Department of Second Language Studies, University of Hawai‘i at Mānoa, USA
2019	Invited Speaker “Praat workshop: Analysis of vowel features” Department of Second Language Studies, University of Hawai‘i at Mānoa, USA (September 11)
2019	Invited Speaker “Praat workshop: Analysis of vowel features” Department of Second Language Studies, University of Hawai‘i at Mānoa, USA (January 22)
2018 – 2019	Graduate Assistant: Instructor of Record SLS 441: Language Concepts for Second Language Learning and Teaching Department of Second Language Studies, University of Hawai‘i at Mānoa, USA
2018	Graduate Assistant: Instructor of Record SLS 302: Second Language Learning (online and offline hybrid course) Department of Second Language Studies, University of Hawai‘i at Mānoa, USA
2017	Graduate Assistant: Instructor of Record SLS 302: Second Language Learning Department of Second Language Studies, University of Hawai‘i at Mānoa, USA
2014 – 2015	Full-time Teacher Danghyun Elementary School, Seoul, Republic of Korea
2011	Part-time English Teacher Bonghwa Middle School, Seoul, Republic of Korea
2009 – 2010	Part-time English Teacher Yumkwang Girls’ Meditech High School, Seoul, Republic of Korea
2008 – 2014	Full-time Teacher Cheonggye Elementary School, Seoul, Republic of Korea

## RESEARCH EXPERIENCE

- 2022            Research Consultant  
Meta-analysis in R  
Liberal arts college, Semyung University, Republic of Korea
- 2021            Research Consultant  
Extraction of intransitive clauses in Python  
Department of English Language and Literature, Yonsei University, Republic of Korea
- 2020            Research Consultant  
Classification of clauses into argument structure constructions in Python  
Department of English Language and Literature, Yonsei University, Republic of Korea
- 2016            Research Assistant  
Comparison among applied linguistics programs in USA and Canada  
Department of Second Language Studies, University of Hawai'i at Mānoa
- 2013            Part-time Research Assistant  
Korea Institute of Curriculum and Evaluation, Seoul, Republic of Korea
- 2011            Part-time Research Assistant  
Doosan publishing Co., Seoul, Republic of Korea

## CERTIFICATION

- 2013            **Elementary School Teacher Certification (Grade 1)**  
Seoul Metropolitan Office of Education, Republic of Korea
- 2009            **Attestation De Réussite, DELF A2 [certificate of achievement, Diploma in French]**  
République Française Ministère De l'éducation Nationale [French Ministry of Education]
- 2008            **Secondary School Teacher Certification (English, Grade 2)**  
Korea National University of Education, Republic of Korea
- 2008            **Elementary School Teacher Certification (Grade 2)**  
Korea National University of Education, Republic of Korea

## LANGUAGES

Korean (native)  
English (advanced)  
Mandarin Chinese (beginner)  
French (beginner)

## TECHNICAL SKILLS

HTML/CSS, JavaScript, Python, R (all proficient)