

# SANGHEE J. KIM

Curriculum vitae: 02/2022

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## Research Interests

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Fields	Psycholinguistics; Computational linguistics
Topics	Human sentence processing; Computational approaches to cognitive modeling; Natural language understanding (NLU)

## Education

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2018 – Present	<b>The University of Chicago</b> , Chicago, IL Ph.D. in Linguistics (Expected 06/2024)
2020	<b>The University of Chicago</b> , Chicago, IL M.A. in Linguistics Thesis: <i>Questioning, asserting and making an order without a verb in Korean</i> (semantics) Readers: Anastasia Giannakidou & Chris Kennedy
2017	<b>Seoul National University</b> , Seoul, Korea M.A. in English Language and Literature (Major: Language) Thesis: <i>Real-time processing of English articles by Korean EFL learners</i> (second language acquisition, bilingualism) Committee: Mi-Jeong Song (Chair), Chang-Yong Sohn & Sung-Eun Lee
2015	<b>Hanyang University</b> , Seoul, Korea B.A. in English Language Education, <i>summa cum laude</i> Secondary School Teacher Certificate (English), Ministry of Education, Korea

## Publications

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### PEER-REVIEWED

Accepted	Aurora Martinez del Rio*, Casey Ferrara*, <b>Sanghee J. Kim</b> *, Emre Hakgüder & Diane Brentari. Identifying the correlations between the semantics and the phonology of ASL and BSL: A vector space approach. <i>Frontiers in Psychology</i> . (* = co-first authorship)
2020	<b>Sanghee J. Kim</b> & Mi-Jeong Song. Is starting early beneficial for the acquisition of English articles in an EFL setting? <i>English Teaching</i> , 75(4), 3-32.
2017	<b>Sanghee J. Kim</b> . Past tense verb processing by native speakers and L2 learners of English: Evidence from masked priming experiment. <i>English Studies</i> , 37, 87-108.

- 2016 **Sanghee J. Kim** & Jeong-Ah Shin. The effect of thematic roles during grammatical encoding in sentence production. *Korean Journal of English Language and Linguistics*, 16(1), 77-97.
- CONFERENCE PROCEEDINGS
- 2021 **Sanghee J. Kim**. ‘Call-back’ speech acts: Getting more than ‘again’ with Korean particles. *Proceedings of the 15th Workshop on Altaic Formal Linguistics*, 71-80.
- 2019 **Sanghee J. Kim**. Allocutive agreement in Korean under cyclic Agree. *Proceedings of the Linguistic Society of America*, 4(54), 1-15.
- MANUSCRIPTS
- In progress **Sanghee J. Kim** & Ming Xiang. Interaction of discourse status and memory retrieval: Through the lens of number agreement attraction effect. [Title subject to change]
- In preparation **Sanghee J. Kim**, Lang Yu & Allyson Ettinger. Information filtering in language models. [Title subject to change]
- 2020 **Sanghee J. Kim**. Evaluating compositionality function in word2vec models in ‘adjective + noun’ composition. *ms.* The University of Chicago.
- EDITED VOLUMES
- 2021 Matthew Hewett, Corinne Kasper, **Sanghee J. Kim** & Naomi Kurtz. (Eds.) *Proceedings of the Linguistic Meeting of the Chicago Linguistic Society* 56. Chicago Linguistic Society.
- 2015 Juyeon Cho, Jinyoung Jo, **Sanghee J. Kim**, Jong-Hyeon Lee & Heemin Park (Eds.) *SNU Working Papers in English Linguistics and Language*, Vol.13, Department of English Language and Literature, Seoul National University.

## Presentations

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### PEER-REVIEWED CONFERENCE PRESENTATIONS

- [2022] **Sanghee J. Kim** & Ming Xiang. “Memory retrieval selectively targets different discourse units.” Plenary presentation at the *35th Annual Conference on Human Sentence Processing*, University of California, Santa Cruz, CA, March 24-26 (virtual). (Plenary talk: ~8%)
- 2021 **Sanghee J. Kim** & Ming Xiang. “Discourse status and asymmetric agreement attraction effects.” Short talk at the *27th Architectures and Mechanisms for Language Processing*, Université de Paris, France, September 2-4 (virtual).
- 2021 **Sanghee J. Kim** & Ming Xiang. “Variability in the agreement attraction effect.” Short talk at the *34th Annual CUNY Conference on Human Sentence Processing*, University of Pennsylvania, PA, March 4-6 (virtual).
- 2021 Emre Hakgüder\*, Aurora Martinez del Rio\*, Casey Ferrara\* & **Sanghee J. Kim**\*. “Identifying the Correlations Between the Lexical Semantics and Phonology of ASL: A Vector Space Approach”. Oral presentation at the *95th Annual Meeting of the Linguistic Society of America*, January 7-10 (virtual). (\* = equal contribution)
- 2021 **Sanghee J. Kim**. “Object honorification agreement: [HON] as a  $\phi$ -feature.” Poster presentation at the *94th Annual Meeting of the Linguistic Society of America*, New Orleans, LA, January 2-5.

- 2019 **Sanghee J. Kim.** “Korean object honorification as syntactic agreement.” Oral presentation at the *13th Arizona Linguistics Circle*, University of Arizona, Tucson, AZ, October 25-27.
- 2019 **Sanghee J. Kim.** “Speech act operators and CALL-BACK function.” Poster presentation at the *15th Workshop on Altaic Formal Linguistics*, Lomonosov Moscow State University, Russia, September 26-28.
- 2019 **Sanghee J. Kim.** “Allocutive agreement in Korean.” Poster presentation at the *93rd Annual Meeting of the Linguistic Society of America*, New York, NY, January 3-6.
- 2017 **Sanghee J. Kim, Jong-Hyeon Lee & Jeong-Ah Shin.** “Gender feature as a cue in L2 learners’ reflexive resolution.” Poster presentation at the *23rd Annual Conference on Architectures and Mechanisms for Language Processing*, Lancaster University, UK, September 7-9.
- 2016 **Sanghee J. Kim.** “Native-like morphology processing by Korean learners of English: Evidence from masked priming experiment.” Oral presentation at the *2016 Fall Conference for Korean Association for the Study of English Language and Linguistics*, Kwangwoon University, Seoul, Korea, October 15.
- 2016 **Sanghee J. Kim & Jeong-Ah Shin.** “Thematic roles in structural priming.” Oral presentation at the *2016 Annual Conference of the Korean Society for Psycholinguistics*, Jeju National University, Jeju, Korea, January 22-23.

#### OTHER PRESENTATIONS

- 2021 **Sanghee J. Kim & Allyson Ettinger.** “Evaluating pretrained language models’ sensitivity to at-issueness.” Presentation at the *Computational Linguistics Lab*, The University of Chicago, Chicago, IL, October 22.
- 2019 **Sanghee J. Kim.** “Conversational implicature and theories.” Guest talk at English Semantics (graduate level), Seoul National University, Korea, September 16.
- 2017 **Sanghee J. Kim.** “Countability distinction by Korean L2 learners of English.” Guest talk at English Semantics (graduate level), Seoul National University, Korea, October 25.

## Grants and Awards

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#### THE UNIVERSITY OF CHICAGO

- 2021-2022 Student Coordinator Stipend, Council of Advanced Studies (\$1,000)
- 2021 Council of Advanced Studies Graduate Student Research Grant (\$2,450)
- 2019-2021 Graduate Research Aid Initiative in Linguistics Award (yearly)

#### SEOUL NATIONAL UNIVERSITY

- 2016 Best Student Paper Award, Department of English Language and Literature
- 2015-2016 Samsung Electronics Development Fund Scholarship (yearly)
- 2015-2016 Graduate Student Instructor Fellowship, College of Humanities (yearly)

#### HANYANG UNIVERSITY

- 2014 Best Student Teacher Award (teaching practicum)
- 2011-2014 Academic Excellence Scholarship, College of Education (yearly)
- 2012 Global Frontiers Award (1st place) (1,000,000 KRW (~\$1,000))
- 2012 Global Frontiers Travel Grant (3,000,000 KRW (~\$3,000))

#### OTHERS

- 2020 Seoul National University Alumni Association of the Chicago Area (\$2,000)
- 2019 The James McCawley Fellowship (1 nomination worldwide; declined)

## Research Experience

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### THE UNIVERSITY OF CHICAGO

- 09/2021 – Present **Lab researcher, Computational Linguistics Lab** (PI: Allyson Ettinger)  
Developed new test suite to assess linguistic knowledge of state-of-the-art language models, and conceptualized testing method for analyzing and interpreting pretrained language models in Natural Language Understanding.
- 09/2020 – Present **Lab researcher, Language Processing Lab** (PI: Ming Xiang)  
Conceptualized, designed, and conducted large-scale language experiments (> 800 human participants), devised new experimental design and datasets, ran formal statistical analyses on human behavioral data, and presented outputs at conferences.

### SEOUL NATIONAL UNIVERSITY

- 03/2017 – 06/2017 **Lab researcher, Brain and Humanities Lab** (PI: Sung-Eun Lee)  
Composed testing material for participant screening process, drafted and edited IRB, and structured demographic information of human participants in a neuroscience project (“The influence of bilingualism on cognitive control in elderly bilinguals”).
- 09/2015 – 12/2015 **Lab researcher, Brain and Humanities Lab** (PI: Sung-Eun Lee)  
Managed and pre-processed brainwave signals in a neuroscience-linguistics interdisciplinary project (“The effects of multilingualism on nonverbal cognitive function”), and organized brain response data using experimental softwares (PsychoPy and BrainVision).
- 03/2015 – 09/2015 **Research assistant** (PI: Miyeon Ahn)  
Contributed to experimental design in a phonetics-phonology project (“Lexical status and degree of /l/-darkening”), built natural language datasets, and managed and pre-processed speech data using Praat under formal training.

## Industry Experience

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- 07/2018 – 08/2018 **Analytical linguist, Cascade Company, Korea**  
*Summer internship* (Supervisor: Eric Périard)  
Collaborated with software engineers to create a prototype Named Entity Recognition toolkit, identified linguistic needs and gaps for designing Dependency Model, and provided linguistic expertise in syntax, semantics, and pragmatics to advance NLP systems.

## Teaching Experience

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### THE UNIVERSITY OF CHICAGO

- [Spring 2022] **Course assistant, Language Disorders** (Instructor: Jacob B. Phillips)
- Fall 2021 **Course assistant, Psycholinguistics** (Instructor: Ming Xiang)  
Gave feedback on weekly discussion posts, constructed material for lab report assignment, graded and commented on lab reports and bi-weekly assignments, and kept track of class participation and attendance.
- Winter 2021 **Course assistant, Introduction to Linguistics** (Instructor: Patrick Muñoz)  
Ran weekly review and discussion sections as an accompaniment to the course, held office hours, and graded and gave feedback on weekly problem sets and final paper.

## SEOUL NATIONAL UNIVERSITY

Summer 2017	Teaching Assistant, College English (Instructor: Ilsu Sohn)
Fall 2016	Teaching Assistant, College English (Instructor: Mi-Jeong Song)
Fall 2016	Teaching Assistant, College English Education (Instructor: Mi-Jeong Song)
Fall 2015	Teaching Assistant, Topics in English Linguistics (Instructor: Chang-Yong Sohn)
Fall 2015	Teaching Assistant, College English (Instructor: Chang-Yong Sohn)
Spring 2015	Teaching Assistant, Modern Society and Global Language (Instructor: Chang-Yong Sohn)
Spring 2015	Teaching Assistant, History of English Language (Instructor: Chang-Yong Sohn)

## Technical Skills

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### Programming languages

Python (intermediate), R (intermediate), MATLAB (basic)

### Natural Languages

English (proficient), Korean (native), French (intermediate), Mandarin (basic), American Sign Language (research)

### Software

Computer software: L<sup>A</sup>T<sub>E</sub>X, Git

Crowdsourcing: MTurk, Prolific

Experimental tool: Penn Controller Ibex Farm, Praat, PsychoPy, BrainVision

## Services

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### ACADEMIC

2021-Present	<b>Co-coordinator</b> , <b>Language Evolution, Acquisition &amp; Processing (LEAP) Workshop</b> , The University of Chicago (Faculty advisors: Allyson Ettinger & Salikoko S. Mufwene)
2020-2021	<b>Editorial member</b> , CLS 56th Proceedings, Chicago Linguistic Society
2019-2020	<b>Organizing committee</b> , 56th Annual Meeting of the Chicago Linguistic Society
2019-2021	<b>Reviewer</b> , 55th/56th/57th Annual Meeting of the Chicago Linguistic Society
2017	<b>Chief organizer</b> , Seoul National University Block Seminar in Linguistics
2016	<b>Student representative</b> (elected), Department of English Language and Literature, Seoul National University
2015	<b>Editorial member</b> , SNU Working Papers in English Linguistics and Language, Seoul National University

### NON-ACADEMIC

2012-2014	Organizer (2012-2014) & Head director (2013), TEDxHanyangU, Korea
2011-2014	Volunteer teacher, Hospital School at Hanyang U. Hospital Pediatric Cancer Ward, Korea