

SANGHEE J. KIM

Curriculum vitae: 02/2022

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Research Interests

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

Education

2018 – Present	The University of Chicago , Chicago, IL Ph.D. in Linguistics (Expected 06/2024)
2020	The University of Chicago , 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	Seoul National University , 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	Hanyang University , Seoul, Korea B.A. in English Language Education, <i>summa cum laude</i> Secondary School Teacher Certificate (English), Ministry of Education, Korea

Publications

PEER-REVIEWED JOURNAL ARTICLES

Accepted	Aurora Martinez del Rio*, Casey Ferrara*, Sanghee J. Kim *, 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	Sanghee Kim & 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.
2016	Sanghee Kim & Jeong-Ah Shin. The effect of thematic roles during grammatical encoding in sentence production. <i>Korean Journal of English Language and Linguistics</i> , 16(1), 77-97.

PEER-REVIEWED 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 AND WORKING PAPERS

- 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 Kim.** Evaluating compositionality function in word2vec models in ‘adjective + noun’ composition. Ms. The University of Chicago.
- 2017 **Sanghee Kim.** Past tense verb processing by native speakers and L2 learners of English: Evidence from masked priming experiment. *English Studies*, 37, 87-108.

EDITED VOLUMES

- 2021 Matthew Hewett, Corinne Kasper, **Sanghee Kim** & Naomi Kurtz. (Eds.) *Proceedings of the Linguistic Meeting of the Chicago Linguistic Society* 56. Chicago Linguistic Society.
- 2015 Juyeon Cho, Jinyoung Jo, **Sanghee 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

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 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 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 Həkgüder*, Aurora Martinez del Rio*, Casey Ferrara* & **Sanghee 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)
- 2020 **Sanghee Kim.** “Object honorification agreement: [HON] as a ϕ -feature.” Poster presentation at the *94th Annual Meeting of the Linguistic Society of America*, New Orleans, LA, January 2-5.
- 2019 **Sanghee 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 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 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 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 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 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 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 Kim.** “Conversational implicature and theories.” Guest talk at English Semantics (graduate level), Seoul National University, Korea, September 16.
- 2017 **Sanghee 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

- 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

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 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

- 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

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

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^AT_EX, Git

Crowdsourcing: MTurk, Prolific

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

Services

ACADEMIC

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