Sanghee J. Kim

Curriculum vitae: 10/2023

Address	Department of Linguistics,	**Email**	sangheekim@uchicago.edu
	The University of Chicago	**Website**	https://sangheekim.net
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	Rosenwald Hall, Room 203		
	Chicago, IL 60637		

Research Interests

Fields	Psycholinguistics; Computational Psycholinguistics; Computational Linguistics
Topics	Language processing; Discourse; Language understanding in humans and machines

Education

2018 – Present	**The University of Chicago**, Chicago, IL Ph.D. in Linguistics (Expected 06/2024) Committee: Ming Xiang (Chair), Allyson Ettinger, Chris Kennedy, & Monica Do Supported by NSF Doctoral Dissertation Research Improvement Grant (BCS-2214437)
Summer 2023	**New York University**, New York, NY Visiting academic, Center for Data Science
2020	**The University of Chicago**, Chicago, IL M.A. in Linguistics Project title: *Questioning, asserting and making an order without a verb in Korean* Readers: Anastasia Giannakidou & Chris Kennedy
2017	**Seoul National University**, Seoul, Korea M.A. in English Language and Literature (Major: Second Language Acquisition) Thesis: *Real-time processing of English articles by Korean EFL learners* Committee: Mi-Jeong Song (Chair), Chang-Yong Sohn & Sung-Eun Lee
2015	**Hanyang University**, Seoul, Korea B.A. in English Language Education, *summa cum laude* Secondary School Teaching Certificate (Ministry of Education, Science, and Technology)

Grants/Fellowships and Awards

	External
2024	Laboratoire d'Excellence Empirical Foundations of Linguistics (Labex EFL) (funded by the French government, ANR-10-LABX-0083) Mobility Grant (€4420 (~$4,690))
2022 – 2024	National Science Foundation (NSF) Doctoral Dissertation Research Improvement Grant (BCS-2214437), Project title: *The interaction of discourse status and memory retrieval in real time language processing* ($16,814); Co-PI with Dr. Ming Xiang
2023	Honorable Mention for the Gibson/Fedorenko Young Scholar Award, Conference on Human Sentence Processing 2023
2022	Honorable Mention for the Gibson/Fedorenko Young Scholar Award, Conference on Human Sentence Processing 2022
2020	Seoul National University Alumni Fellowship, Seoul National University Alumni Association of the Chicago Area ($2,000)
2019	The James McCawley Fellowship (1 nomination worldwide; Declined)

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2023 – 2024	Franke Institute for the Humanities Residential Dissertation Completion Fellowship (4 nominations in the Division)
2023 – 2024	Mellon Foundation University of Chicago Dissertation Completion Fellowship (Declined)
2021 – 2023	Student Coordinator Fellowship, Council of Advanced Studies ($2,000)
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))

Publications

* = Equal contribution

SUBMITTED MANUSCRIPT

Under review	**Sanghee J. Kim** & Ming Xiang. Memory retrieval is constrained by discourse structure: evidence from number agreement attraction effect. *Cognitive Science.*

PEER-REVIEWED JOURNAL ARTICLES AND CONFERENCE PROCEEDINGS

2022	**Sanghee J. Kim**, Lang Yu & Allyson Ettinger. "No, they did not": Dialogue response dynamics in pre-trained language models. In *Proceedings of the 29th International Conference on Computational Linguistics (COLING)*, 863–874.
2022	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. *Frontiers in Psychology, 13.*
2021	**Sanghee Kim**. 'Call-back' speech acts: Getting more than 'again' with Korean particles. *Proceedings of the 15th Workshop on Altaic Formal Linguistics (WAFL)*, 71–80.
2020	**Sanghee Kim** & Mi-Jeong Song. Is starting early beneficial for the acquisition of English articles in an EFL setting? *English Teaching, 75*(4), 3-32.
2019	**Sanghee Kim**. Allocutive agreement in Korean under cyclic Agree. *Proceedings of the Linguistic Society of America, 4*(54), 1–15.
2016	**Sanghee 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.

MANUSCRIPTS AND WORK IN PROGRESS

In progress	**Sanghee J. Kim** & Ming Xiang. Memory encoding of discourse structure information in real-time: through the lens of pronoun resolution.
2023	Lalchand Pandia, Lucas Fagen, **Sanghee J. Kim**, & Allyson Ettinger. Identifying sources of error in monotonicity reasoning. *Unpublished manuscript, University of Chicago.*
2020	**Sanghee Kim**. Evaluating compositionality function in word2vec models in 'adjective + noun' composition. *Unpublished manuscript, University of Chicago.*
2020	**Sanghee Kim**. Questioning, asserting, and making an order without a verb in Korean. *Unpublished manuscript, 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 Annual 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.

Talks and Presentations

* = Equal contribution

Invited Talk

2023	"Memory encoding of discourse structure information." *Syntax, Semantics, and Language Processing Lab (s/lab)*, University of California, Santa Cruz, CA, May 25.

Peer-reviewed Conference Presentations

2024	**Sanghee J. Kim** & Ming Xiang. "When does subordinate discourse structure divide from main discourse structure?" Oral presentation scheduled at the *97th Annual Meeting of the Linguistic Society of America*, January 4–7.
2024	Jinyoung Jo*, & Juyeon Cho*, **Sanghee J. Kim***, & Sun-ah Jun. "What prosody does when morphosyntax is absent: the case of Korean relative clauses." Oral presentation scheduled at the *97th Annual Meeting of the Linguistic Society of America*, January 4–7.
2023	**Sanghee J. Kim** & Ming Xiang. "Memory encoding/retrieval is sensitive to discourse status: through the lens of pronoun resolution." Plenary talk at the *36th Annual Conference on Human Sentence Processing*, University of Pittsburgh, Pittsburgh, PA, March 9–11. (Acceptance rate: ~7%). *Honorary mention for the Gibson/Fedorenko Young Scholar Award.
2022	**Sanghee J. Kim** & Ming Xiang. "Memory retrieval selectively targets different discourse units." Plenary talk at the *35th Annual Conference on Human Sentence Processing*, University of California, Santa Cruz, CA, March 24–26 (Virtual). (Acceptance rate: ~8%). *Honorary mention for the Gibson/Fedorenko Young Scholar Award.
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 Hakgüder*, 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).
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.

Teaching Experience and Pedagogical Training

THE UNIVERSITY OF CHICAGO

Fall 2024	College Teaching Certificate, Chicago Center for Teaching and Learning
Spring 2023	**Course assistant, Psycholinguistics (LING/PSYC 27010)** (Instructor: Monica Do) Ran weekly office hours and assisted students with class material, graded and provided feedback on student assignments, research proposals, and final presentations, and assessed students' academic progress and participation. Guest lecture on "The role of working memory in dependency processing: A view from relative clauses" (April 25, 2023).
Winter 2023	**Course assistant, Computational Linguistics (LING 28620 / LING 38620 / CMSC 35620 / DIGS 38620)** (Instructor: Allyson Ettinger) Ran weekly office hours and assisted students with class material, graded and provided feedback on student assignments, and assessed students' progress and participation.
Spring 2022	**Course assistant, Linguistic Perspectives on Language Disorders (LING 27050)** (Instructor: Jacob B. Phillips) Ran bi-weekly discussion sections (language disorder case studies and guidance on research proposal), provided feedback on weekly problem sets, and held weekly office hours.
Fall 2021	**Course assistant, Psycholinguistics (LING/PSYC 27010)** (Instructor: Ming Xiang) Gave feedback on weekly discussion posts, constructed material for lab report assignments, and reviewed and gave feedback on lab reports and bi-weekly assignments.
Winter 2021	**Course assistant, Introduction to Linguistics (LING 20001)** (Instructor: Patrick Muñoz) Ran weekly review and discussion sections with a co-TA, held weekly office hours, and graded and gave feedback on weekly problem sets and final papers.

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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)

HANYANG UNIVERSITY

2015	Secondary School Teaching Certificate (English), Ministry of Education, Science and Technology, South Korea
2011 – 2014	Teacher, Hospital School, Pediatric Cancer Ward, Hanyang Medical Hospital Center, Korea
Spring 2014	Secondary English Teacher (Teaching Practicum), Hanyang Middle School

Service

ACADEMIC

2022 – 2023	Dean's Student Advisory Board, Representative of Linguistics Department, Division of the Humanities, The University of Chicago
2021 – 2023	Coordinator, Language Evolution, Acquisition & Processing (LEAP) Workshop, The University of Chicago (Faculty advisors: Allyson Ettinger & Salikoko S. Mufwene)
2020 – 2021	Editorial member, CLS 56 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	Head organizer, Seoul National University Block Seminar in Linguistics
2016	Student representative (elected), Department of English Language and Literature, Seoul National University
2015	Editorial member, Seoul National University (SNU) Working Papers in English Linguistics and Language

NON-ACADEMIC

2012 – 2014	Organizer (2012; 2014) & Head Director (2013), TEDxHanyangU, Korea
2014	Volunteer, Support group for North Korean defectors, Seodaemun-gu Community Center, Korea

Research Experience

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09/2021 – Present	**Lab researcher, Computational Linguistics Lab** (PI: Dr. Allyson Ettinger) Developed a new test suite to assess linguistic knowledge of state-of-the-art language models, and conceptualized a testing method for analyzing and interpreting pre-trained language models in Natural Language Understanding.
09/2020 – Present	**Lab researcher, Language Processing Lab** (PI: Dr. Ming Xiang) Conceptualized, designed, and conducted large-scale language experiments (> 1.7K human participants in total), devised new experimental designs and datasets, ran formal statistical analyses on human behavioral data, and presented output at conferences.

SEOUL NATIONAL UNIVERSITY

03/2017 – 06/2017	**Lab researcher, Brain and Humanities Lab** (PI: Dr. Sung-Eun Lee) Composed testing material for the participant screening process, drafted and edited IRB protocol, 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: Dr. Sung-Eun Lee) Managed and pre-processed brainwave signals in an interdisciplinary neuroscience project ("The effects of multilingualism on nonverbal cognitive function"), and organized brain response data using experimental software (PsychoPy and BrainVision).

03/2015 – 09/2015   **Research assistant** (PI: Dr. 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 Pérriard)
Collaborated with software engineers to create a prototype Named Entity Recognition toolkit, identified linguistic needs and gaps for designing a Dependency Model, and provided linguistic expertise in syntax, semantics, and pragmatics to improve Natural Language Processing (NLP) systems.

Skills

LANGUAGES
English (Proficient), Korean (Native), French (Intermediate), Classical Chinese (Reading), Mandarin (Basic)
Research: American Sign Language, British Sign Language

PROGRAMMING LANGUAGES
R, Python, MATLAB

SOFTWARE
Computer software: LaTeX, Git
Crowdsourcing: Prolific, MTurk
Experimental tools: Penn Controller Ibex Farm, Praat, PsychoPy, BrainVision
Visualization: Tableau

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