Sanghee J. Kim

sangheekim.net | github.com/sangheek16 | sangheekim@uchicago.edu

Department of Linguistics, The University of Chicago
1115 E. 58th Street, Rosenwald Hall 203, Chicago, IL 60637

Keywords   Language understanding in humans and machines, discourse and dialogue, experimental and computational methods, web-based experiments (survey/reading/eyetracking), computational/psycholinguistics, NLP, corpus analysis

Employment

2024 – Present   **Teaching Fellow**, The University of Chicago, USA
Advising undergraduate students and teaching Core courses for College students and majors in Cognitive Science, Linguistics, Psychology, and Computer Science, including newly designed courses on experimental and computational methods.

Education

2024	Ph.D. in Linguistics, The University of Chicago, USA
2020	M.A. in Linguistics, The University of Chicago, USA
2017	M.A. in English Language (Bilingualism), Seoul National University, Korea
2015	B.A. in Second Language Education, Hanyang University, Korea, *summa cum laude*

Relevant Experience

Spring 2024	Visiting Researcher, Laboratoire de Linguistique Formelle (LLF), France
Summer 2023	Visiting Academic, Center for Data Science at New York University, USA
Summer 2018	Analytical Linguist Intern, Artificial Intelligence Research Team, Cascade Strategy
2015 & 2017	Research Assistant, Brain and Humanities Lab, Seoul National University, Korea

Publications

* = Equal contribution; † = Mentored student; Papers hyperlinked to DOI

Peer-reviewed Journal Articles and Proceedings Papers

To appear	**Sanghee J. Kim*** & Forrest Davis*. Discourse sensitivity in attraction effects: the interplay between language model size and training data. *Proceedings of the Society for Computation in Linguistics 2025*.
2024	**Sanghee J. Kim** & Ming Xiang. Incremental discourse-update constrains number agreement attraction effect. *Cognitive Science, 49*, e13497.

2024	**Sanghee J. Kim** & Ming Xiang. Encoding of discourse structure information during language comprehension: evidence from web-based visual world paradigm experiments. *Proceedings of the 44th Annual Conference of the Cognitive Science Society, 46*(0), 2825–2832.
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*, 806471.
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.
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.

Peer-reviewed Abstracts

2024	Loy Bhowmick[†] & **Sanghee J. Kim**. Identifying neural biomarkers of stuttering in children: A review of cortical and connectivity differences. *The Young Researcher*.
2024	**Sanghee J. Kim** & Ming Xiang. Memory encoding of discourse structure information in real-time: through the lens of pronoun resolution. *Proceedings of the Linguistic Society of America, 9*(1), 5705.
2024	Jinyoung Jo[*], & Juyeon Cho[*], **Sanghee J. Kim**[*], & Sun-ah Jun. What prosody does when morphosyntax is absent: the case of Korean relative clauses. *Proceedings of the Linguistic Society of America, 9*(1), 5719.
2021	**Sanghee 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 Kim**. Allocutive agreement in Korean under cyclic Agree. *Proceedings of the Linguistic Society of America, 4*(54), 1–15.

Edited Volumes

2021	Matthew Hewett, Corinne Kasper, **Sanghee Kim** & Naomi Kurtz. (Eds.) *Proceedings of the Fifty-sixth Annual Meeting of the Chicago Linguistic Society*.

Work in progress

Manuscript	**Sanghee J. Kim** & Ming Xiang. Discourse structure in inter-sentential anaphora resolution.
Ongoing	**Sanghee J. Kim*** & Kanishka Misra*. DGRC: A framework for naturalistic evaluation of language model generations.
Ongoing	**Sanghee J. Kim*** & Forrest Davis*. Corpus-based hypothesis testing of implicit causality using Penn Discourse Treebank.
Ongoing	Weijie Xu, Hailin Hao, & **Sanghee J. Kim**. Predictability of pushed-aside content.
Ongoing	**Sanghee J. Kim**, Francesca Foppolo, & Caterina Donati. Appositive processing in Italian relative clauses.

Selected Awards

2022 & 2023   Gibson & Fedorenko Young Scholar Award Honorable Mention, Society for Human Sentence Processing (Top-5 Best Talks (junior researcher))

Selected Grants & Fellowships

2024   Empirical Foundations of Linguistics Mobility Grant, France ($4,690)

2022 – 2024   NSF Doctoral Dissertation Research Improvement Grant (BCS-2214437; $16,814)

2019   The James McCawley Fellowship (1 nomination worldwide; Declined)

The University of Chicago

2023 – 2024   Franke Institute Dissertation Completion Fellowship (4 nominations in the Division)

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 & Hanyang University, Korea

2015 – 2016   Samsung Electronics Development Fund Scholarship, SNU (Yearly)

2011 – 2014   Academic Excellence Scholarship, College of Education, Hanyang Univ. (Yearly)

Talks & Presentations

Invited Talks

[2025]   "NLP in the Humanities: Enhancing research and pedagogy with digital tools." (tentative title) *IHER-UChicago Hong Kong Joint Symposium on Digital Approaches to Classical Sinographic Texts and Literature.* [scheduled]

2024   "Knowing what's important during language comprehension." *LingLunch*, Université Paris Cité, France, May 23.

2024   "Knowing what's important during language comprehension." *Ferreira Lab*, University of California, Davis, April 15.

2024   "Knowing what's important during language comprehension." *Computational Psycholinguistic Discussions (C.Psyd) Lab*, Cornell University, April 12.

2023   "Retrieving and encoding discourse structure information in language comprehension." *Dr. Vera Demberg Lab*, Saarland University, Germany, December 21.

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

* = Equal contribution

2025   **Sanghee J. Kim**, Lucas Fagen, & Ming Xiang. "Variation in reflexive processing across constructions and individuals." Poster presentation, *The 38th Annual Conference on Human Sentence Processing*, University of Maryland, College Park, DC, March 27–29.

2024	**Sanghee J. Kim** & Ming Xiang. "Encoding discourse structure during language comprehension: Evidence from web-based visual world paradigm experiments." Poster presentation, *The 46th Annual Meeting of the Cognitive Science Society*, July 24–27 (Virtual).
2024	**Sanghee J. Kim** & Ming Xiang. "When does subordinate discourse structure divide from main discourse structure?" Oral presentation, *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." Talk, *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, *The 36th Annual Conference on Human Sentence Processing*, University of Pittsburgh, Pittsburgh, PA, March 9–11. (Acceptance rate: ∼7%). **Gibson/Fedorenko Young Scholar Award Honorable Mention**.
2022	**Sanghee J. Kim** & Ming Xiang. "Memory retrieval selectively targets different discourse units." Plenary talk, *The 35th Annual Conference on Human Sentence Processing*, University of California, Santa Cruz, CA, March 24–26 (Virtual). (Acceptance rate: ∼8%). **Gibson/Fedorenko Young Scholar Award Honorable Mention**.
2021	**Sanghee Kim** & Ming Xiang. "Discourse status and asymmetric agreement attraction effects." Short talk, *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, *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, *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, *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, *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, *The 15th Workshop on Altaic Formal Linguistics*, Lomonosov Moscow State University, Russia, September 26–28.
2019	**Sanghee Kim**. "Allocutive agreement in Korean." Poster presentation, *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, *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, *Fall Conference for Korean Association for the Study of English Language and Linguistics 2016* , Kwangwoon University, Seoul, Korea, October 15.
2016	**Sanghee Kim** & Jeong-Ah Shin. "Thematic roles in structural priming." Oral presentation, *Annual Conference of the Korean Society for Psycholinguistics 2016* , Jeju National University, Jeju, Korea, January 22–23.

Teaching, Mentoring, & Pedagogical Training

Instructor at the University of Chicago

Fall 2024	Introduction to Linguistics
Winter 2025	Introduction to Psycholinguistics
Winter 2025	Language and the Human
Spring 2025	Experimental and Computational Methods for Linguistic Research

Course Assistant at the University of Chicago

Spring 2023	Psycholinguistics (Instructor: Monica Do)
Winter 2023	Computational Linguistics (Instructor: Allyson Ettinger)
Spring 2022	Linguistic Perspectives on Language Disorders (Instructor: Jacob B. Phillips)
Fall 2021	Psycholinguistics (Instructor: Ming Xiang)
Winter 2021	Introduction to Linguistics (Instructor: Patrick Muñoz)

Teaching Assistant at Seoul National University

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

Advising

Ongoing	Aisling Murtagh, Bachelor's Honors Thesis Reader.
Summer 2024	Research Mentor, Student Research Institute at the Harvard Undergraduate Open-Bio Laboratory, USA

Pedagogical Training

2023	College Teaching Certificate, Chicago Center for Teaching and Learning, USA
2015	Secondary School Teaching Certificate, Ministry of Education, Korea

Certified Teacher in Korea

2011 – 2015	Teacher, Hospital School at the Pediatric Cancer Ward, Hanyang Medical Center
Spring 2014	Secondary English Teacher, Hanyang Middle School

Service

Reviewing
- Association for Computational Linguistics
- Annual Meetings of the Cognitive Science Society
- *Cognitive Science* (journal)

Activities

2022 – 2023	Student Representative of the Linguistics Department for the Dean's Student Advisory Board, Division of the Humanities, The University of Chicago
2021 – 2023	Coordinator, Language Evolution, Acquisition & Processing (LEAP) Workshop, The University of Chicago
2020	Organizing Committee, 56th Annual Meeting of the Chicago Linguistic Society
2016	Student Representative (Elected), Department of English Language and Literature, Seoul National University
2012 – 2014	Event Coordinator (2012; 2014) & Head Director (2013), TEDxHanyangU, Korea

Skills

Programming Languages
- R, Python, MATLAB

Experimental Tools
- Eye-tracking (web-based), PCIbex (JavaScript/HTML/CSS), Praat, Montreal Forced Aligner, PsychoPy, BrainVision

Crowdsourcing Platforms
- Prolific, MTurk

Software & Technical Skills
- LaTeX, Git, MS Office, G Suite, Tableau

References

Ming Xiang (mxiang@uchicago.edu)

Professor, Department of Linguistics, University of Chicago

Chris Kennedy (ck@uchicago.edu)

Professor, Department of Linguistics, University of Chicago

Allyson Ettinger (allysone@allenai.org)

Research Scientist, Allen Institute for Artificial Intelligence

– End of CV (Last updated: May 2025) –