

Minkyu Kim

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Education

Ph.D. in Cognitive Sciences & M.S. in Statistics <i>University of California, Irvine</i>	Irvine, CA, USA 2019–2025
B.S. in Chemistry & B.A. in Linguistics (<i>cum laude</i>) <i>Seoul National University</i>	Seoul, South Korea 2012–2019

Ph.D. Dissertation.....

Title: *Evidence for Segregated Cortical Pathways for Prosodic and Segmental Control in Speech*

Committee: Drs. Gregory Hickok (chair), Alyssa A. Brewer, and Connor Mayer

Professional Experience

Postdoctoral Fellow (CIRTA Recipient) <i>University of British Columbia</i>	Vancouver, BC, Canada Sep 2026–current
Interim Postdoctoral Scholar <i>University of California, Irvine</i>	Irvine, CA, USA 2025–2026
Teaching Assistant <i>University of California, Irvine</i>	Irvine, CA, USA 2019–2023

Honors and Awards

Canada Impact+ Research Training Awards (CIRTA) <i>Canadian Institutes of Health Research, Government of Canada</i>	2026
Tarow and Minako Indow Fellowship for Research Excellence <i>Department of Cognitive Sciences, UC Irvine</i>	2024
Graduate Division Completion Fellowship <i>Graduate Division, UC Irvine</i>	2024
Graduate Dean's Recruitment Fellowship <i>School of Social Sciences, UC Irvine</i>	2019
Presidential Science Scholarship <i>Korea Student Aid Foundation, Government of the Republic of Korea</i>	2012–2017
Dean's List <i>College of Natural Sciences, Seoul National University</i>	2016

Publications and Presentations

Peer-reviewed Journals.....

S. Ryun, M. Kim, and C. K. Chung. Cortical maps of somatosensory perception in human. *NeuroImage*, 276:120197, 2023.

M. Kim, H. Byun, G. Choe, and G. Yurn. A quantitative study on the 'phags-pa script. *SCRIPTA*, 10:1–76, 2018.

Poster Presentations.....

M. Kim Evidence of distinct speech control pathways for prosody and syllabic articulations using speech repetition under fmri. Poster presented at the Society for Neuroscience, November 2025.

M. Kim Prosodic and phonetic coordination of speech: fmri evidence for parallel circuits. Poster presented at the Society for Neurobiology of Language, September 2025.

M. Kim Neural pathways of vocal pitch modulation: An fmri study. Poster presented at the Society for Neuroscience, October 2024.

Oral Presentations.....

M. Kim Datives in dependent case theory: Lexical, dependent, or unmarked? Oral presentation at the 13th Formal Description of Slavic Languages, December 2018.

M. Kim Some issues on the inconsistency of the inventory of the 'phags-pa script. Oral presentation at the 60th Annual Meeting of the Permanent International Altaistic Conference, August 2017.

Professional Membership

Member, the Society for Neuroscience

Member, the Society for the Neurobiology of Language

Mentoring

Graduate Students.....

Saori Morita (University of Tokyo)

Undergraduate Research Assistants.....

UC Irvine (2025–2026): Lydia Cheng, Trisha Le, Janelle Franco, Wandy Kongmebhol, Andre Musaderyan, Janaki Raghavan Nair, Bianca (Tati) Rios, Emily Perez Wong, Chen Chi

Leadership

Chair, Korean Graduate Students Association at UC Irvine

2023–2025

Military Service

Sergeant, Republic of Korea Army

Honorably discharged Jan 20, 2016.

2014–2016

Computer Skills

Statistics: R, SPSS

Programming: Python, C/C++, MATLAB, SQL, $\text{\LaTeX}$

Web Development: HTML, CSS, Javascript, and basic skills in various AWS products

Language Proficiency

Fluent: Korean (native), English

Intermediate: Mandarin Chinese, Japanese

Basic: French, German, Swedish, Russian, Finnish

I ka ‘ōlelo nō ke ola, i ka ‘ōlelo nō ka make.

In language there is life, in language there is death.

(Hawaiian proverb)