

Siwon Sung

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EDUCATION

- 2025-Present **Ph.D. in Education**
Teaching, Learning, and Educational Improvement Track, School of Education,
University of California, Irvine
Advisors: Penelope Collins, Mark Warschauer
- 2022-2024 **M.A. in English Language Education**
College of Education, Seoul National University
Advisor: In Chull Jang
GPA: 4.22/4.5
- 2017-2022 **B.A. in English Language Education**
College of Education, Korea University
GPA: 4.28/4.5
- Teacher's Certificate: The Secondary School Regular Teacher
(Grade II) of Education, Ministry of Education, Rep. of Korea

RESEARCH INTEREST

Multilingual learner-generative AI interaction, AI-mediated writing process research, Human-AI Collaboration, Multimodal interaction analysis, Webcam-based eye-tracking, Socio-materialism

PEER-REVIEWD ARTICLES

4. Lee, K., **Sung, S.**, Kim, C., & Jang, I. C. (2026). Postdigital marketization through AI Digital Textbook: Edtech industry assemblage in South Korea. *Postdigital Science and Education*, Advance online publication. <https://doi.org/10.1007/s42438-026-00676-y>
3. **Sung, S.**, Lee, B., & Jang, I. C. (2026). The recontextualization trajectory of social actors in South Korea's AIDT Policy: A critical discourse analysis of AIDT policy documents. *The Sociolinguistic Journal of Korea*, 34(2), 331-378. <https://doi.org/10.14353/sjk.2026.34.2.11>
2. **Sung, S.** & Jang, I. C. (2024). South Korean STEM graduate students' use of ChatGPT in self-initiated L2 writing: An explorative qualitative study. *Korean Journal of English Language and Linguistics* 24, 1415-1435. <https://doi.org/10.15738/kjell.24..202412.1415>
1. Hwang, H., & **Sung, S.** (2024). Discursive representations of institution-led global citizenship education in South Korean newspapers: A critical discourse analysis. *The Sociolinguistic Journal of Korea*, 32(3), 207-243. <https://doi.org/10.14353/sjk.2024.32.3.08>

PEER-REVIEWD CONFERENCE PROCEEDINGS

1. **Sung, S.**, Ryu, H., Hwang, J. & Jang, I. C. (2026). Exploring digital learning processes through webcam-based eye tracking: Development and applications of SNUWET. In *Proceedings of the International Society of the Learning Sciences (ISLS) Annual Meeting*.

CONFERENCE PRESENTATIONS

11. **Sung, S.**, Ryu, H., & Jang, I. C. (Scheduled 2026, December 2-5). *Sociomaterial tracing of digital multimodal composing: A webcam-based eye-tracking study*. Literacy Research Association Annual Conference 2026, Honolulu, HI.

10. **Sung, S.** (2026). *How GenAI changes interactions in group work: A classroom observation study*. International Conference on Learning Sciences and Educational Innovation 2026, Seoul, Korea.
9. **Sung, S.,** Ryu, H., Hwang, J. & Jang, I. C. (2026). *Exploring digital learning processes through webcam-based eye tracking: Development and applications of SNUWET*. [Poster presentation]. International Society of the Learning Sciences (ISLS) Annual Meeting 2026, Irvine, CA.
8. Kim, C., **Sung, S.,** Kim, E., Jang, I. C. & K., Lee (2025, September). *EdTech industry crawling into public education in South Korea: A case study on AI-powered digital textbook in South Korea*. 2026 eLearn World Conference on EdTech, Bangkok, Thailand.
7. Jang, I. C., **Sung, S.,** & Ryu. H. (2025, July). *Between reading and viewing: Tracking the relationship between L2 multimodal text features and comprehension*. ASIATEFL 2025 International Conference, Hongkong, China.
6. Jang, I. C., **Sung, S.,** & Ryu. H. (2025, June). *Developing and applying SNUWET: Webcam-based eye-tracking for qualitative research and training*. 2025 International Conference on Learning Sciences and Educational Innovation (ICOLSEI), Seoul, Korea.
5. Yoo, B., Choi, B., Lim, S. & **Sung, S.** (2025, April). *Conducting posthuman qualitative research: Focusing on ANT-based coding experiences*. 2025 Spring Annual Conference of the Korean Association of the Qualitative Inquiry, Seoul, Korea.
4. **Sung, S.** (2025, Feb). *Korean EFL STEM Graduate Students' Use of ChatGPT in L2 Writing Process: A Case Study from an Ecological Perspective*. 2025 Korea Association of Teachers of English Special Interest Group Conference, Seoul, Korea.
3. **Sung, S.** (2024, Dec). *Webcam-based eye-tracking in qualitative research: Exploring L2 writing process in digital environments*. 2024 Winter Korean Association for the Study of English Language and Linguistics Conference, Seoul, Korea.
2. **Sung, S.** (2024, Jul). *Tracking South Korean STEM Graduate students' entanglement with ChatGPT in English academic writing: A socio-material perspective*, 2024 Korea Association of Teachers of English Annual Conference, Yeosu, Korea.
1. **Sung, S.** (2024, Jun). *Ecological analysis of EFL students' use of ChatGPT in academic writing process: Insights from webcam-based eye-tracking*, 2024 Summer Korean Association for the Study of English Language and Linguistics and the Phonology-Morphology Circle of Korea Joint Conference, Seoul, Korea.

Invited Speaker

4. Sung, S (2026, April). Generative AI in writing education: Human-first approach. UCI x NTUST English Medium Instruction TA Overseas program. Global Languages and Cultures (GLC), University of California, Irvine, USA.
3. Sung, S. (2025, October). Investigating digital learning processes through SNUWET: A workshop on webcam-based eye-tracking research. Digital Learning Lab, University of California, Irvine, USA.
2. Sung, S. (2024, December). Korean EFL STEM graduate students' use of ChatGPT in L2 writing process: A case study from an ecological perspective. Digital Learning Lab, University of California, Irvine, USA.
1. Sung, S. (2024, May). Process-tracing technologies used in writing process research: Insights from Webcam-based Eye-tracking. Qualitative Research Workshop, Seoul National University, Seoul Korea.

RESEARCH EXPERIENCES

2025-2026 Graduate Student Researcher

Project: Enhancing Academic Writing and Digital Literacy with an AI Coach

PI: Mark Warschauer

- Organized survey questions, distributed survey, maintained database
 - Conducted classroom observation of two instructors implementing Papyrus AI into undergraduate level writing course and interview 12 focal students
- 2024-2025 **Graduate Student Researcher**
 Seoul National University, National Research Foundation of Korea
 Project: Developing and Applying a Webcam-based Eye-Tracking Application for the Analysis of English Learning Process in Digital Contexts
 PI: Dr. In Chull Jang
- Collaborated with a software engineer to design a webcam-based eye-tracking tool tailored for qualitative research on applied linguistics research (<https://snuwet.github.io/>).
 - Designed and led a pilot study with 50 middle school students to analyze their multimodal viewing and composing processes, using the newly developed webcam-based eye-tracking tool.
- 2024-2025 **Graduate Student Researcher**
 Seoul National University, National Research Foundation of Korea
 Project: Relationship-Building Between Machines, Teachers, and Students in the Digital Classroom Ecosystem
 Directors: Drs. Kyungmee Lee, In Chull Jang, Minsu Ha
- Conducted classroom observation of and interview with six middle school teachers, focusing on the material use in classroom dynamics from an Actor-Network Theory perspective.
 - Collected and analyzed South Korea's AI Digital Textbook (AIDT) policy documents (2015-present) for critical discourse analysis to trace discursive history and policy shifts related to the integration of AIDT in public education starting in 2025 (Ongoing)
- 2023-2024 **Graduate Student Researcher**
 Seoul National University, College of Education Curriculum Reform Committee Project: Enhancing Teacher Education: College of Education Curriculum Reform Initiatives
 PI: Dr. Youngsoon So
- Conducted a survey (N=93) and interviews (N=5) with in-service teachers, all alumni of Seoul National University. Coded and analyzed data to identify gaps between the preservice teacher education curriculum and school practice
 - Organized and prepared for monthly faculty meetings. Led a facilitation seminar to foster communication among faculty members from different departments.
 - Collaborated with senior researchers to design a general education curriculum for pre-service teachers.

SCHOLARSHIPS/AWARDS/HONORS

- 2022-2023 **Im-Ok Scholarship**
 The Im-Ok Scholarship Foundation, Seoul, Korea
- 2021 **Academic Excellence Scholarship**
 Student Affairs Office, Korea University
- 2020 **Dean's List with Distinction**
 College of Education, Korea University

2019	6th National Legislative Contest, 3rd Place Winner The Ministry of Justice, Republic of Korea
2018-2021	Dean's List (5 Semesters) College of Education, Korea University, Seoul, Korea
2018	Seokrim Foundation Scholarship Seokrim Foundation (Korea University Professor Association), Korea University
2017	Domestic Field Research Program, Student Poster Award Initiative for College Humanities Research, Korea University, Seoul, Rep. of Korea

TEACHING EXPERIENCE

FALL 2025	Guest Lecturer EDU 180 AI in Education, University of California, Irvine Guest-lectured two sessions on “AI and Writing” and “AI and Multilingual Learners.”
SPRING 2025	Guest Lecturer 707.423 001 Methods in Teaching the Four English Language Skills, Seoul National University Guest-lectured a session on webcam-based eye-tracking and learning analytics.
FALL 2025	Guest Lecturer 707.526 001 Research Methods in Applied Linguistics, Seoul National University Guest-lectured a session on conducting writing process research.
2024-2025	English Teacher SNUComm (Seoul National University Community), Siheung, Rep. of Korea July 2024 – Present - Taught English to 3rd to 6th grade students from underserved communities in Siheung, twice a week for three hours per session. - Led two classes with 15 students each, incorporated 8 English storybooks into the curriculum, using them as primary teaching materials to enhance multimodal literacy.
2022	Student English Teacher (Teaching Practicum) Joongang Middle School, Seoul, Rep. of Korea May 2020 (100 hours) - Assisted homeroom teacher's classroom management. - Designed and recorded 4 English language lessons for 7th-grade students. - Conducted 2 virtual classes via Zoom during the COVID-19 pandemic.
2020-2021	Volunteer Teacher National Center for Children's Right, Seoul, Rep. of Korea September 2020 – July 2021 (70 hours) - Taught English to eleven 3rd to 6th grade students from multilingual families. - Conducted digital multimodal composition projects for three months. - Administered individual English proficiency diagnostic tests and developed personalized curricula for instruction.
2018, 2017	Lecturer Sehan Academy, Seoul, Rep. of Korea May 2018 – November 2018, May 2017 – November 2017 - Assisted in organizing a class of 30 high school seniors, preparing them for English college admission interviews - Conducted specialized English interview preparation sessions focused on university admissions.

- Guided students through common interview questions, providing individualized feedback and coaching on speaking techniques.

WORK EXPERIENCE

- 2024-2025 **Editorial Staff of a Scopus-Indexed Journal**
 The Korean Association for the Study of English Language and Linguistics
 December 2023 – Present
- Edited and formatted an average of five manuscripts per month for a rolling basis, ensuring strict adherence to journal guidelines and academic standards.
 - Coordinated seamlessly with authors and editorial board members, managing the editorial workflow to guarantee timely publication schedules.
- 2024 **Education Content Developer of EdTech Company (*Full Time Intern*)**
 Naver, Snow Corporation, CAKE (English Language Education Application)
 March 2019 – July 2019
- Created digital English learning materials (Short-form video) every week, selecting useful expressions from YouTube videos and movies.
 - Authored a book of useful English expressions utilizing user data analytics to ensure content relevance and practicality for learners.
 - Proposed and contributed to the production of a promotional video by visiting one of the app's most active users to document their daily use of Cake.
- 2019 **Public Relations Journalist (*Part-time Intern*)**
 Constitutional Court of Korea, Public Relations Office
 March 2018 – December 2018
- Simplified complex legal concepts to enhance public understanding of human rights protections by creating three informative multimodal card news pieces and three detailed articles, effectively publicizing major court decisions.
 - Orchestrated a successful publicity campaign for the Constitutional Court, including storyboarding and directing a promotional film

CERTIFICATIONS

- 2022 Secondary Education Certification for English Teacher, Ministry of Education, Rep. of Korea
- 2016 Business English Translator and Interpreter, International Interpretation & Translation Association of Korea, Accredited by Ministry of Culture, Sports and Tourism.

LANGUAGE AND OTHER SKILLS

Language: English (Fluent), Korean (Native)

Computer Skills: MAXQDA, ATLAS.ti, Web-based eye-tracking, STATA