

Yoonwon Jung

Curriculum Vitae

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RESEARCH INTERESTS

Emotion, Language, Culture, Computational Linguistics, Affective Computing

EDUCATION

Ph.D. Cognitive Science 2023 – 2028 (Expected)
UC San Diego California, USA

Advisor: Benjamin K. Bergen, Ph.D.

M.A. Psychology 2020 – 2022
Seoul National University Seoul, Korea

Advisor: Sowon Hahn, Ph.D.

Thesis: “Social robots as companions for lonely hearts: The role of anthropomorphism and robot appearances”

B.A. Psychology 2016 – 2020
Seoul National University Seoul, Korea

Summa Cum Laude

Departmental First-Class Distinction (1/31)

Exchange Student Fall 2018
Boston College Massachusetts, USA

PUBLICATIONS

Journal Articles

Kim, J., **Jung, Y.**, Lee, Y., & Hahn, S. (2023). The relationship between perspective-taking ability and psychological and emotional characteristics observed in a large emotion diary dataset: A cluster analysis. *Korean Journal of Health Psychology*, 28(1), 1-25. 10.17315/kjhp.2023.28.1.001.

Conference Proceedings

Jung, Y., Cohen, A. S., & Bergen, B. K. (Accepted). Discovering Lexical Gaps Using Embeddings from Multilingual LLMs. In *Proceedings of the 29th Conference on Computational Natural Language Learning (CoNLL)*. Association for Computational Linguistics. <https://doi.org/10.48550/arXiv.2605.24310>.

Jung, Y., Shin, H., & Bergen, B. K. (In press). EVOKE: Emotion Vocabulary Of Korean and English. In *Proceedings of the 1st Workshop on Computational Affective Science at Language Resource and Evaluation Conference (LREC)*. European Language Resources Association. <https://doi.org/10.48550/arXiv.2602.10414>.

Jung, Y., & Hahn, S. (2023). Social Robots As Companions for Lonely Hearts: The Role of Anthropomorphism and Robot Appearance. *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*, 2520–2525. IEEE. <https://doi.org/10.1109/RO-MAN57019.2023.10309617>.

Jung, Y., Lee, Y., & Hahn, S. (2021). Web-scraping the Expression of Loneliness during COVID-19. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43, 2274-2280. Cognitive Science Society. <https://escholarship.org/uc/item/53m546pq>.

Lee, Y., **Jung, Y.**, Lee, I., Park, J., & Hahn, S. (2021). Building a Psychological Ground Truth Dataset with Empathy and Theory-of-Mind During the COVID-19 Pandemic. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 43, 2582-2587. Cognitive Science Society. <https://escholarship.org/uc/item/950900w7>.

Unpublished Manuscripts

Lee YK., **Jung, Y.**, Kang, K., & Hahn, S. (2023). Developing Social Robots with Empathetic Non-Verbal Cues Using Large Language Models. Late Breaking Report in *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. arXiv:2308.16529.

Jung, Y., Jung, S., & Hahn, S. The Effect of Emotional Clarity on Mental Health: The Mediating Role of Catastrophizing. [Under Review].

CONFERENCE PRESENTATIONS AND WORKSHOP ORGANIZATION

Oral Presentations

[Presenter] **Jung, Y.**, Cohen, A., & Bergen, B.K. (2026). Identifying language-specific emotion terms using representations from Large Language Models. *Affective Computing: Bridging Computer and Affective Sciences* Preconference at *Society for Affective Science (SAS)*. Pittsburgh, USA.

[Presenter] **Jung, Y.**, & Hahn, S. (2023). Social robots as companions for lonely hearts: The role of anthropomorphism and robot appearance. *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Busan, Republic of Korea.

Poster Presentations

[Presenter] **Jung, Y.**, Shin, H., Bergen, B.K. (2026). EVOKE: Emotion Vocabulary of Korean and English. The 1st Workshop on *Computational Affective Science at Language Resource Evaluation Conference (LREC)*.

[Presenter] Lee YK., **Jung, Y.**, Kang, K., & Hahn, S. (2023). Developing Social Robots with Empathetic Non-Verbal Cues Using Large Language Models. *2023 32nd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Busan, Republic of Korea. [\[poster\]](#)

[Presenter] **Jung, Y.**, Jung, S., Hahn, S. (2023). The effect of emotional clarity on mental health: the role of emotion regulation. *The 13th International Conference on Cognitive Science*. Seoul, Republic of Korea. [\[poster\]](#)

[Presenter] **Jung, Y.**, Lee, YK., & Hahn, S. (2021). Age and gender differences in loneliness during the COVID-19: Analyses on large cross-sectional surveys and emotion diaries. *The Annual Conference of Korean Cognitive Science Society*, Seoul, Republic of Korea (Virtual). [\[poster\]](#)

[Presenter] **Jung, Y.**, Lee, YK., & Hahn, S. (2021). Web-scraping the Expression of Loneliness during COVID-19. *The 42nd Annual Meeting of the Cognitive Science Society*, Vienna, Austria (Virtual). [\[poster\]](#)

Lee, YK., **Jung, Y.**, Lee, I., Park, J.E., & Hahn, S. (2021). Building a Psychological Ground Truth Dataset with Empathy and Theory-of-Mind During the COVID-19 Pandemic. *The 42nd Annual Meeting of the Cognitive Science Society*, Vienna, Austria (Virtual).

Workshop Organization

[Co-Organizer] Large Language Models in the RoMan Age: Exploring Social Impact and Implications for Design and Ethics. (2024). Workshop in *2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Pasadena, USA.

TALKS

Incorporating Large Language Models in Robotic Systems: The Current Challenges and Opportunities in Human-Robot Interaction. Talk at *Large Language Models in the RoMan Age: Exploring Social Impact and Implications for Design and Ethics* workshop in 2024 33rd IEEE International Conference on Robot and Human Interactive Communication (RO-MAN). Aug. 2024. Pasadena, USA.

FELLOWSHIPS AND GRANTS

Travel Grant, UC San Diego GPSA (Graduate and Professional Student Association), Spring 2026. \$400

International Ph.D. Fellowship, KFAS (Korea Foundation for Advanced Studies). 2023 – 2028 (Expected). \$13,000 / year

International Ph.D. Fellowship candidate, KFAS (Korea Foundation for Advanced Studies). 2022-2023. 5,000,000 won (\$5000)

SNU Social Sciences Research Grant for Graduate Students, Seoul National University. 2021. 3,000,000 won (\$3,000)

Social Science Research Grant for Undergraduates, Seoul National University. 2019. 1,500,000 won (\$1,500)

Special Research Grant for Undergraduates: Exploration on Value and Practice, Seoul National University. 2019. 3,000,000 won (\$3,000)

AWARDS AND SCHOLARSHIPS

Graduate Scholarship for Academic Excellence (Biannual), Seoul National University. Spring 2021.

Summa Cum Laude, Departmental First-Class Distinction (1/31), Seoul National University. 2020.

Undergraduate Scholarship for Academic Excellence (Annual), Yongin Human Resources Development Foundation. 2016, 2018, 2019

Undergraduate Scholarship for Academic Excellence (Biannual), Seoul National University. Spring 2016, Fall 2016, Spring 2017, Spring 2018.

TEACHING EXPERIENCE

[Teaching Assistant] **Large Language Models and Cognitive Science, UC San Diego.** Spring-Fall 2025.

[Teaching Assistant] **Bilingual Minds and Brains, UC San Diego.** Winter 2025.

[Teaching Assistant] **Introduction to Cognitive Science, UC San Diego.** Spring-Fall 2024.

[Teaching Assistant] **Hands on Computing, UC San Diego.** Winter 2024.

[Teaching Assistant] **Introduction to Psychology, Seoul National University.** Spring 2021.

WORK EXPERIENCE

[Editorial Secretary] **Korean Journal of Cognitive Science, The Korean Society for Cognitive**

Science. Jan. 2022 – Jan. 2023.

- Managed peer review and quarterly publication process
- Coordinated communication between authors, reviewers, and editorial board members.

[Intern] C.lab (Startup Incubation Program), Samsung Electronics. Jun. 2019 – Aug. 2019.

- Supported team HAXBY in developing an AI-based math learning assistance application.
- Assisted in-person user tests and identified limitations in functionality and interface design.
- Designed user experience (UX) flows for application pages, including personalized math support and user analytics dashboards for students and teachers.

SKILLS

Language

Korean Native proficiency

English Full professional proficiency (GRE: V163/Q170/W4.5)

Programming & Data Analysis

Python Preprocessing (pandas, numpy, nltk, spaCy), Web-scraping (beautifulsoup, selenium, requests), Machine learning & Deep learning (gensim, pytorch), Visualization (matplotlib), Building experiments (psychopy)

R Preprocessing (tidyverse), Statistical analyses (psych, sem, lme4), Visualization (ggplot2)

REFERENCES

Benjamin Bergen, Ph.D. Ph.D. Advisor bkbergen@ucsd.edu

Department of Cognitive Science, UC San Diego, La Jolla, CA, USA.

Sowon Hahn, Ph.D. Master's Advisor swhahn@snu.ac.kr

Department of Psychology, Seoul National University, Seoul, Republic of Korea.