

Yoonwon Jung

Curriculum Vitae

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RESEARCH INTERESTS

Emotion, Language, Cross-cultural Psychology, 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

The Susan E. F. Chipman and Robert G. Fitzgerald Endowed Graduate Fellowship in Cognitive Science, *Department of Cognitive Science at UC San Diego*, 2026. \$5000

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)

SCHOLARSHIPS

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

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 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 swahn@snu.ac.kr

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