

# Yoonwon Jung

Curriculum Vitae

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## RESEARCH INTERESTS

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Emotion, Language, Cross-cultural Psychology, Computational Linguistics, Affective Computing

## EDUCATION

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**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

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### 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 30th 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. (2026). EVOKE: Emotion Vocabulary Of Korean and English. In *Proceedings of Computational Affective Science (CAS) @ LREC 2026*, 136–150. European Language Resources Association (ELRA). <https://doi.org/10.63317/53mmeg8jphzt>.

**Jung, Y.**, & Hahn, S. (2023). Social Robots As Companions for Lonely Hearts: The Role of Anthropomorphism and Robot Appearance. In *Proceedings of 32<sup>nd</sup> 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. In *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. In *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 32<sup>nd</sup> 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

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### Oral Presentations

[Presenter] **Jung, Y.**, Cohen, A., & Bergen, B.K. (2026). Discovering Lexical Gaps Using Embeddings from Multilingual LLMs. *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 32<sup>nd</sup> IEEE International Conference on Robot and Human Interactive Communication (RO-MAN)*. Busan, Republic of Korea.

### Poster Presentations

[Presenter] **Jung, Y.**, Cohen, A., & Bergen, B.K. (2026). Identifying language-specific emotion terms using representations from Large Language Models. *30th Conference on Computational Natural Language Learning (CoNLL)*. San Diego, USA.

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

[Presenter] Lee YK., **Jung, Y.**, Kang, K., & Hahn, S. (2023). Developing Social Robots with Empathetic Non-Verbal Cues Using Large Language Models. *2023 32<sup>nd</sup> 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 13<sup>th</sup> 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 42<sup>nd</sup> 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 42<sup>nd</sup> 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 33<sup>rd</sup> IEEE International Conference on Robot and Human Interactive Communication (RO-MAN). Pasadena, USA.

## TALKS

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**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 33<sup>rd</sup> IEEE International Conference on Robot and Human Interactive Communication (RO-MAN). Aug. 2024. Pasadena, USA.

## FELLOWSHIPS AND GRANTS

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**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

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**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

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[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

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[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

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### 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

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**Benjamin Bergen, Ph.D.** Ph.D. Advisor [bkbergen@ucsd.edu](mailto: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](mailto:swhahn@snu.ac.kr)

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