Jaeseo Lim, Ph.D.

Jeonju University
Department of Counseling Psychology, College of Social Sciences
613 Faculty Office Building,
303 Cheonjam-ro, Wansan-gu, Jeonju-si, Jeonbuk-do, Republic of Korea
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EDUCATION

2019.09 -2023.08	**Ph.D. in Cognitive Science** Seoul National University, Seoul, Republic of Korea *Thesis: A Time for Better Discussions: Focus on Self-Study and Discussion Combination* *Advisor: Dr. Jooyong Park* GPA: 4.30/4.30
2017.09 -2019.08	**M.S. in Cognitive Science** Seoul National University, Seoul, Republic of Korea *Thesis: How Can We Make Better Use of Discussions in Education?* *Advisor: Dr. Jooyong Park* GPA: 4.30/4.30
2011.03 -2017.08	**B.A. in English Language and Literature	Psychology (Double Degree)** Yonsei University, Seoul, Republic of Korea GPA: 4.07	3.94 / 4.30 (*Magna Cum Laude*)

ACADEMIC EXPERIENCE

2024.03 -current	**Assistant Professor** Dept. of Counseling Psychology, Jeonju University.
2024.01 -2024.03	**Postdoctoral Researcher** Cognitive Psychology Lab, Dept. of Psychology. Seoul National University. *Superviosr: Jooyong Park*
2023.09 -2023.12	**Postdoctoral Researcher** Bigdata Convergence and Open Sharing Sysytaem, Seoul National University. *Supervisor: Hong-Gee Kim*

RESEARCH INTERESTS

- Small Group Performance

- Active Learning in Classroom

- Artificial Intelligence in Education

- Transfer in Education

PEER-REVIEWED JOURNAL ARTICLES (SCI(E)/SSCI)

9. **Lim, J.,** Yang, J. W., Song, M. H., & Park, J. (2024). Self-Study and Discussion Promote Students' Science Learning. *Science & Education*.

8. **Lim, J**., Shin, Y., Song, M. H., Lee, S., & Ihm, J. (2024). Self-study in Higher Education: Its Role in Productive Discussions and Learning Outcomes. *Active Learning in Higher Education*.

7. **Lim, J**., Shin, Y., Lee, S, Chun, M-S., Park, J., & Ihm, J. (2023). Improving learning effects of student-led and teacher-led discussion contingent on prediscussion activity. *The Journal of Experimental Education*, 1-18.

6 **Lim, J**., & Park, J. (2023). Self-study enhances the learning effect of discussions. *Journal of the Learning Sciences*, *32*(3), 455-476.

5. Shin, Y., **Lim, J.,** Kim, Y., Seo, D-G., & Ihm, J. (2022). Effects of virtual body-representation on motor skill learning. *Scientific Report*, *12*(1), 15283.

4. Park, J. A., Song, M. A., **Lim, J.**, & Park, J. (2022). Two Faces of Grit-Perseverance: Is It Always Good to Exert Grit? *Journal of Cognitive Psychology*, *34*(8), 1-12.

3. **Lim, J.,** Ko, H., Park, J., & Ihm, J. (2022). Effect of active learning and online discussions on the academic performances of dental students. *BMC Medical Education*, *22*(1), 1-9.

2. Kim, S., Yang, J. W., **Lim, J.**, Lee, S., Ihm, J., & Park, J. (2021). The impact of writing on academic performance for medical students. *BMC Medical Education*, *21*(1), 1-8.

1. **Lim, J.,** Ko, H., Yang, J. W., Kim, S., Lee, S., Chun, M. S., ... & Park, J. (2019). Active learning through discussion: ICAP framework for education in health professions. *BMC Medical Education*, *19*(1), 1-8.

PEER-REVIEWED JOURNAL ARTICLES (KCI, Domestic)

2. 정수정, **임재서** (2024). 대학생의 인간-AI 협력 역량 프로파일 탐색. **교육정보미디어연구**, **30**(5), 1473-1498.

1. 송민해, 구현우, 박정연, **임재서**, 박주용 (2024). 비전문가의 평가 정확도 향상 방안 탐색: 공통 평가 항목 점수 기반 가중치 함수를 활용한 점수 보정 방법 연구. **인지과학**, **35**(3), 187-203.

SELECTED MANUSCRIPTS UNDER REVIEW

Lim, J., & Park, J., (under review). Self-Study and Discussion Enhances Learning for High School Students.

Lim, J., Song, M. H., & Ihm, J. (under review). Individual Preparation for Future Discussion: New Paradigm of Better Classroom Discussion.

Song, M. H., **Lim, J.**, Lee, S., Ihm, J., & Park,J. (under review). Effect of Individual Preparation in Collaborative Learning.

Song, M. H., **Lim, J.**, & Park,J. (under review). The Effect of Writing and Peer Assessment on Writing Performance

Song, M. H., **Lim, J.**, Kim, H., & Park,J. (under review). Exploration of Computational Measurement Possibility for the Extent of Writing Revisions

Yang, J. W., **Lim, J.**, & Park, J. (under review). Why Discussion with ChatGPT Enhances Student Learning.

PEER-REVIEWED CONFERENCE PROCEEDINGS

18. Lee, J., & **Lim, J**. (2023). What makes you trust voice agent: An assessment on news credibility of voice intelligent agent. In International Journal of Psychology, 58, 472-473.

17. Son, S., **Lim, J.**, Jang, Y., LEE, J., & Zhang, B-T. Learning to Write with Coherence from Negative Examples. *ArXiv:2209.10922*

16. **Lim, J.***, Lee J.*, Park, J., & Kim, C. (2022). Emotion Evaluator: Expanding the Affective Lexicon with Neural Network Model. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 44, No. 44).

15. **Lim, J.**, Yang, J. W., Lee, J., & Park, J. (2022). The Way to Better Learning Online: Using Online Discussions in College Classes During COVID-19. In *Proceedings of the 16th International Conference of the Learning Sciences-ICLS 2022, pp. 282-288*. International Society of the Learning Sciences.

14. Song, M. H., **Lim, J.**, & Park, J. (2022). The Effect of Weekly Writing and Peer Reviewing Upon Students' Writing Competence. In *Proceedings of the 16th International Conference of the Learning Sciences-ICLS 2022, pp. 1029-1032*. International Society of the Learning Sciences.

13. **Lim, J**.*, Jo, H.*, & Zhang, B-T. (2021). Devil's Advocate: Novel Boosting Ensemble Method from Psychological Findings for Text Classification. In *Proceedings of the Association for Computational Linguistics: EMNLP 2021* (pp. 2168-2174).

12. **Lim, J**.*, Jo, H.*, Zhang, B-T. & Park, J. (2021). Passive Versus Active: Frameworks of Active Learning for Linking Humans to Machines. In *Proceedings of the Annual Meeting of the Cognitive Science Society* (Vol. 43, No. 43).

11. **Lim, J**., Jo, H., Zhang, B. T., & Park, J. (2020). Human-Like Active Learning: Machines Simulating the Human Learning Process. *The 34th Conference on Neural Information Processing Systems (NeurIPS 2020) Workshop on Babymind. Spotlight Talks*

10. Lazaro, M. J. S., **Lim, J.**, kim, S. H., & Yun, M. H. (2019). Wearable Technologies: Acceptance Model for Smartwatch Adoption among Older Adults. In *Human Aspects of IT for the Aged Population. Technologies, Design and User Experience: 6th International Conference, ITAP 2020, Held as Part of the 22nd HCI International Conference, HCII 2020, Copenhagen, Denmark, July 19–24, 2020, Proceedings, Part I 22* (pp. 303-315). Springer International Publishing.

9. Kang, G. C., **Lim, J**., & Zhang, B-T. (2019). Dual Attention Networks for Visual Reference Resolution in Visual Dialog. In *Proceedings of the Association for Computational Linguistics: EMNLP 2019*

8. Kim, T., Kwak, M., Yang, S. H., **Lim, J**., & <u>Zhang, B-T</u>. (2019). WithDorm: Dormitory Solution for Linking Roommates. In *Proceedings of the 21st International Conference on Human-Computer Interaction with Mobile Devices and Services* (pp. 1-6).

7. **Lim, J.**, Shin, B., & <u>Park, J.</u> (2019). Discussions: A Medium that Promotes Learning. In *Proceedings of the 83rd Annual Convention of the Japanese Psychological Association* (JPA).

6. Cho, S., **Lim, J.**, Hickey, C., & <u>Zhang, B-T.</u> (2019). Simulating Problem Difficulty in Arithmetic Cognition Through Dynamic Connectionist Models. *In Proceedings of the 17th International Conference on Cognitive Modeling* (ICCM 2019).

5. Cho, S., **Lim, J.**, Hickey, C., & <u>Zhang, B-T.</u> (2019). Problem Difficulty in Arithmetic Cognition: Humans and Connectionist Models. In *Proceedings of the 41st Annual Meeting of the Cognitive Science Society*.

4. Kang, G. C., **Lim, J.**, & <u>Zhang, B-T.</u> (2019). Sequential Attention-based Networks for Visual Reference Resolution in Visual Dialog. In *Proceedings of the 37st information Technology and Industry Prospects* (iTIP 2019).

3. Kang, G. C., **Lim, J.**, & Zhang, B-T. (2019). Dual Attention Networks for Visual Reference Resolution in Visual Dialog. *Conference on Computer Vision and Pattern Recognition (CVPR 2019) VQA and Dialog Workshop*.

2. Heo, Y. J., On, K. W., Choi, S., **Lim, J.**, Kim, J., Ryu, J. K., ... & <u>Zhang, B-T.</u> (2019). Constructing Hierarchical Q\&A Datasets for Video Story Understanding. *AAAI Spring Symposium Series*

1. **Lim, J.**, & <u>Park, J.</u> (2019). When Are Discussions More Effective: After a Lecture or Self-Study? In *Proceedings of the 8th Annual International Conference on Cognitive and Behavioral Psychology* (CBP).

INVITED TALKS & GUEST LECTURES

3. **임재서** (2024. 08). 전북특별자치도 1급 정교사 연수: 전문상담 교사 연수 프로그램. 전주대학교.

2. **임재서** (2024. 07). 대학원생을 위한 대학교원 임용 준비 프로그램. 서울대학교 경력개발센터.

1. **임재서** (2024. 04). 동문 네트워크 기반 소그룹 멘토링: 인문사회계열 교수임용. 서울대학교 경력개발센터.

REFERRED PRESENTATIONS

12. **임재서**, 송민해, 김가현, 박주용 (2024. 08). 개요 작성이 글의 질에 미치는 영향. 2024 한국심리학회 연차학술대회

11. 백새봄, 임다미, **임재서**, 정수정 (2024. 05). 대학원생의 인간-AI 협력 역량 프로파일 탐색. 2024 한국교육공학회 춘계학술대회.

10. 박정애, 송민해, **임재서**, 박주용 (2024. 05). 학습 과제 수행 시 시간 중심 전략이 효과성 검증 연구. 2024

한국인지및생물심리학회 학술대회.

9. **Lim, J.** (2022. 07). Passive vs. Active. Frameworks of Active Learning for Linking Humans to Machines. CogSci 2022 Local Meetup.

8. **Lim, J.** Yang, J. W., Kim, S., & Park, J. (2021. 05). Optimizing Online Discussions to Promote Learning for Medical Students. The 33rd Association for Psychological Science (APS) Annual Convention.

7. **Lim, J.**, & Park, J. (2020. 07). Comparing Learning Outcomes After Different Pre-Learning Activities. Meeting of the Cognitive Science Society (CogSci 2020).

6. **Lim, J.**, & Park, J. (2020. 07). How to Enhance Discussion Effect on Learning. The 42nd Annual Meeting of the Cognitive Science Society (CogSci 2020).

5. **Lim, J.** Yang, J. W., Kim, S., & Park, J. (2019. 05). How to Enhance Discussion Effect on Learning. The 31st Association for Psychological Science (APS) Annual Convention.

4. **Lim, J.** Kang, G-C. (2019. 07). Human-like Memory Architecture for Visual Reference Resolution. The 12nd International Conference on Cognitive Science (ICCS 2019)

3. **Lim, J.** Yang, J. W., Kim, S., & Park, J. (2019. 05). How to Enhance Discussion Effect on Learning. The 31st Association for Psychological Science (APS) Annual Convention.

2. Park, J. A., Song, M. H., **Lim, J.**, Park, J. (2019. 05). Grit Can Hurt You. The 31st Association for Psychological Science (APS) Annual Convention.

1 **Lim, J.**, Park, J. (2017. 08). How Learning Method Affect Learning Outcome: Focusing on Discussions in Learning. The 72nd Annual conference on Korean psychological association.

GRANTS & SCHOLARSHIPS

2024.05-   **정착연구지원사업**
Funded by 전주대학교 (₩5,000,000)

2022.11   **AI Young Researcher Scholarship**
Funded by 율촌, 서울대학교 (₩10,000,000)

2022.05   **Scholarships for Outstanding Graduate**
Funded by 서울대학교 (₩10,000,000)

2021.06
-2023.05   **학문후속세대 박사과정생연구장려금 (이공학)**
Funded by 한국연구재단 (₩40,000,000)

AWARDS & ACADEMIC HONORS

2022   **Outstanding Ph.D. Thesis**
- Seoul National University

2019   **Visual Dialog Challenge 3rd Place**
- CVPR 2019

2015   **Honorable Mention Award**
- Korean Institute of Intelligent Systems

2011   **Academic Excellence (Eight times)**
-2017
- Yonsei University

RESEARCH PROJECTS

Principal Investigator

2024.05-   **신임교원 정착연구지원**

- 전주대학교

2021.06   **이공분야 학문후속세대**
-2023.05

- 교육부, 한국연구재단

Researcher

2022.01   **Meta-learning-based efficient learning techniques for drone AI**
-2022.04
- Source Technology Development Project for Artificial Intelligence

2020.09   **생활안전데이터**
-2020.12
- Seoul National University College of Medicine's Project on Medical AI Training Data Construction

2020.04   **Babymind**
-2021.03
- Seoul National University AI research center

2018.10   **치의학 전공 대학생 역량 및 선발 모델링**
-2019.09
- Seoul National University Dental Research Institute, School of Dentistry

2018.05   **Video Turing Test (VTT)**
-2020.01
- Seoul National University Computer research center

2018.02   **서울대학교 수업계획서 분석 연구 (Project Manager)**
-2018.05

- 서울대학교 심리학과

TEACHING EXPERIENCES

Course Taught – Jeonju University

Fall 2024   **COU5001-01: Research Methodology**
Graduate level, 3-credit, Face-to-Face

Fall 2024   **171318-01: Introduction to Learning Sciences**
Graduate level, 2-credit, Face-to-Face

Fall 2024   **DCP7601-01: Counseling Research**
Graduate level, 2-credit, Face-to-Face

Fall 2024   **DCP7601-02: Counseling Research**
Graduate level, 2-credit, Face-to-Face

Fall 2024   **15508-5J: Job Design Seminar (2)**
Undergraduate level, 1-credit, Face-to-Face

Fall 2024   **16300-01: Research Methods in Psychology**
Undergraduate level, 3-credit, Face-to-Face

Fall 2024   **11504-01: Psychological Statistics**
Undergraduate level, 3-credit, Face-to-Face

Spring 2024   **05734-01: Introduction to Psychology**
Undergraduate level, 3-credit, Face-to-Face

Spring 2024   **13857-01: Health Psychology**
Undergraduate level, 3-credit, Face-to-Face

Spring 2024   **DCP7107-02: Introduction to Psychology for Graduate**
Graduate level, 2-credit, Face-to-Face

TEACHING ASSISTANT – *Seoul National University*

Fall 2019   **132.505 Methodology in Cognitive Science**
Master's level, 3-credit, Face-to-Face, Instructor: Dr. Sung-Eun Lee

Spring 2020   **132.502: Introduction to Cognitive Science**
Undergraduate level, 3-credit, Face-to-Face, Instructor: Dr. Sung-Eun Lee

Fall 2019   **132.505 Methodology in Cognitive Science**
Master's level, 3-credit, Face-to-Face, Instructor: Dr. Sung-Eun Lee

Spring 2019   **132.502: Introduction to Cognitive Science**
Undergraduate level, 3-credit, Face-to-Face, Instructor: Dr. Sung-Eun Lee

PROFESSIONAL SERVICE

Peer Review (alphabetical order)

- BMC Medical Education (2020-)
- Cognitive Science Society (2020-2023)
- Empirical Methods in Natural Language Processing (2020-2021)

- The Asia-Pacific Education Researcher (2024)
- ACM CHI Conference on Human Factors in Computing Systems (2024-)

Dissertation Committee

- Bogon Kim
- Eun-Sook Kang
- Hyo-Eun Lee
- Seungyong Lee
- Eunjin Kim
- So-Hee Kim
- Jiyoon Park (Chair)

Ad Hoc

- 전주대학교 연구윤리심의위원회
  - 위원, 전주대학교

PROFESSIONAL MEMBERSHIP

- Association for Computing Machinery (ACM)
- American Psychological Association (APA)
- Cognitive Science Society (CogSci)
- International Society of the Learning Sciences (ISLS)
- Korean Psychological Association
- Korean Society of Educational Technology (KSET)

REFERENCES

Dr. Park, Jooyong (Master's and Doctoral Advisor)
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Dr. Ihm, Jungjoon
Associate Professor
School of Dentistry, Dental Research Institute, Seoul National University
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Dr. Kim, Taehyeong
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Department of Biosystems Engineering, Seoul National University
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