

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 <i>Thesis: A Time for Better Discussions: Focus on Self-Study and Discussion Combination</i> <i>Advisor: Dr. Jooyong Park</i> GPA: 4.30/4.30
2017.09 -2019.08	M.S. in Cognitive Science Seoul National University, Seoul, Republic of Korea <i>Thesis: How Can We Make Better Use of Discussions in Education?</i> <i>Advisor: Dr. Jooyong Park</i> 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 (<i>Magna Cum Laude</i>)

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. <i>Supervisor: Jooyong Park</i>
2023.09 -2023.12	Postdoctoral Researcher Bigdata Convergence and Open Sharing System, Seoul National University. <i>Supervisor: Hong-Gee Kim</i>

RESEARCH INTERESTS

- Small Group Performance
- Learning Sciences (particularly, active learning in classroom)
- Artificial Intelligence in Education
- Cognitive Science

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

14. Song, M.H., Park, J., **Lim, J., (corresponding author)** & Park, J. (2025). Improving Feedback Literacy through Peer Evaluation: A Quantitative and Qualitative Analysis. *Innovations in Education and Teaching International*.
13. Song, M.H., **Lim, J.**, Kim, H., & Park, J. (2025). The Impact of Hybrid Collaboration Methods on Idea Quantity, Quality, and Collaborative Interactions. *Psychological Reports*.
12. Song, M. H., **Lim, J.**, Kim, H., & Park, J. (2025). The Effect of Including Computerized Revision Extent Scores in Grading on Writing Revisions in Psychology Courses. *Teaching of Psychology*.
11. Yang, J. W., Choe, K., **Lim, J.**, & Park, J. (2025). Asking Questions Matters: Comparing the Effect of Learning through Dialogue with Peers, ChatGPT, and Intelligent Tutoring System. *Interactive Learning Environments*.
- 10 **Lim, J.* (co-first author)**, Song, M. H. *, Lee, S., Ihm, J., & Park, J. (2025). Enhancing Group Outcomes: The Role of Individual Preparation in Collaborative Learning. *BMC Medical Education*, 25(1), 524.
9. **Lim, J.**, Yang, J. W., Song, M. H., & Park, J. (2024). Self-Study and Discussion Promote Students' Science Learning. *Science & Education*, 34, 2459-2477.
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. (2024). Improving learning effects of student-led and teacher-led discussion contingent on prediscussion activity. *The Journal of Experimental Education*, 92(4), 626-643.
- 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)

4. Song, M. H., Park, J., **Lim, J.** (2025). Improving Writing Performance through Peer Assessment: Beyond Academic Level and Initial Writing Skill. *Educational Technology International*. 26(2), 195-

217.

3. **임재서** (2025). ICAP 프레임워크를 통한 토론 준비 학습: 사전 자기주도학습이 토론 학습에 미치는 효과, *교육정보미디어연구*, 31(4), 1211-1218.
2. 정수정, **임재서**(2024). 대학생의 인간-AI 협력 역량 프로파일 탐색. *교육정보미디어연구*, 30(5), 1473-1498. **혁신연구상**
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

PEER-REVIEWED CONFERENCE PROCEEDINGS

19. Song, M.H., **Lim, J.**, Park, J., & Park, J. (2025) Enhancing learning effect of collaborative learning through individual preparation with peer feedback, The 2025 International Conference on Open and Innovative Education (ICOIE 2025)
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.**, & Zhang, B-T. (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., & Park, J. (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., & Zhang, B-T. (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., & Zhang, B-T. (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.**, & Zhang, B-T. (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., ... & Zhang, B-T. (2019). Constructing Hierarchical Q&A Datasets for Video Story Understanding. *AAAI Spring Symposium Series*
 1. **Lim, J.**, & Park, J. (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)*.
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INVITED TALKS & GUEST LECTURES

6. **임재서** (2025. 08). 2025 하계 희소교과 중등 1 급 정교사 자격 연수: 전문상담교사 연수. 전주대학교
5. **임재서** (2025. 07). 대학교원 임용 A to Z. 서울대학교 경력개발센터.
4. **임재서** (2025. 05). 지역연계 진로탐색 프로그램. 전주대학교.
3. **임재서** (2024. 08). 전북특별자치도 1 급 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

15. Song, M. H., & **Lim, J.** (2025. 10). 개인, 소그룹, 그리고 생성형 AI: 누가 더 창의적인 아이디어를 생성할 수 있는가? 제 1 회 한국디지털심리학회 연차학술대회.
14. **Lim, J.**, & Song, M. H. (2025. 06). The role of Self-Study in Enhancing Collaborative Learning. The first International Conference On Learning Sciences and Educational Innovation 2025.
13. Ha, J., Su, M., Jeong, S., Yan, L., & **Lim, J.** (2025. 05). Enhancing Student Learning through Collaborative Digital Media: Evaluating Chemistry Courses via the ICAP Framework. 2025 교육정보미디어학회 춘계학술대회.
12. **임재서**, 송민해, 김가현, 박주용 (2024. 08). 개요 작성이 글의 질에 미치는 영향. 2024 한국심리학회 연차학술대회
11. 백세봄, 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, Funds, & SCHOLARSHIPS

2025.09 -current	학술연구지원사업: The Effect of Combining Idea Generation and Evaluation on Creative Performance Funded by 전주대학교 (₩8,880,000)
2025.01 -current	대학원생 졸업 후 만족도 및 현업적용도 평가 (Commissioned Research Expense) Funded by 서울대학교 (₩22,000,000)
2024.05 -2025.04	정착연구지원사업 Funded by 전주대학교 (₩5,000,000)
2022.11	AI Young Researcher Scholarship Funded by 을촌, 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

2025	Innovative Research Award - 2025 Spring Conference of the Korean Association for Educational Information and Media
2022	Outstanding Ph.D. Thesis - Seoul National University

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|-------|---|
| 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

- | | |
|---------------------|---|
| 2025.09-
2026.08 | 학술연구지원사업: 고등 과학교육의 학습 방법에 대한 인지심리학적 탐구 |
| | - 전주대학교 |
| 2024.05-
2025.03 | 신임교원 정착연구지원: 대학생의 인간-AI 협력 역량 프로파일 탐색 |
| | - 전주대학교 |
| 2021.06
-2023.05 | 이공분야 학문후속세대 |
| | - 교육부, 한국연구재단 |

Researcher

- | | |
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| 2022.01
-2022.04 | Meta-learning-based efficient learning techniques for drone AI |
| | - Source Technology Development Project for Artificial Intelligence |
| 2020.09
-2020.12 | 생활안전데이터 |
| | - Seoul National University College of Medicine's Project on Medical AI Training Data Construction |
| 2020.04
-2021.03 | Babymind |
| | - Seoul National University AI research center |
| 2018.10
-2019.09 | 치의학 전공 대학생 역량 및 선발 모델링 |
| | - Seoul National University Dental Research Institute, School of Dentistry |
| 2018.05
-2020.01 | Video Turing Test (VTT) |
| | - Seoul National University Computer research center |
| 2018.02
-2018.05 | 서울대학교 수업계획서 분석 연구 (Project Manager) |
| | - 서울대학교 심리학과 |

TEACHING EXPERIENCES

Courses Taught – Jeonju University

Fall 2025	15509-0E: Career development Seminar (2) Undergraduate level, 1-credit, Face-to-Face
	17688-01: Basics of Counseling Psychology Undergraduate level, 1-credit, Online course
	17822-01: Research Methods in Psychology Undergraduate level, 3-credit, Face-to-Face
	11504-01: Psychological Statistics Undergraduate level, 3-credit, Face-to-Face
	COU5001-01: Research Methods in Counseling Psychology Graduate level, 3-credit, Face-to-Face
	DCP7601-01: Counseling Research Graduate level, 2-credit, Face-to-Face
	DCP7601-02: Counseling Research Graduate level, 2-credit, Face-to-Face
Spring 2025	171318-01: Introduction to Learning Sciences Graduate level, 2-credit, Face-to-Face
	15488-57: Career development Seminar (1) Undergraduate level, 1-credit, Face-to-Face
	17536-01: Cognitive Psychology Undergraduate level, 3-credit, Face-to-Face
	17688-01: Basics of Counseling Psychology Undergraduate level, 1-credit, Online course
	05734-01: Introduction to Psychology Undergraduate level, 3-credit, Face-to-Face
	171202-00: Personality Psychology Graduate level, 2-credit, Face-to-Face
	COU5009-01: Advanced Statistics in Psychology Graduate level, 3-credit, Face-to-Face
Fall 2024	DCP7107-01: Introduction to Psychology for Graduate Graduate level, 2-credit, Face-to-Face
	COU5001-01: Research Methodology Graduate level, 3-credit, Face-to-Face
	171318-01: Introduction to Learning Sciences Graduate level, 2-credit, Face-to-Face
	DCP7601-01: Counseling Research Graduate level, 2-credit, Face-to-Face
	DCP7601-02: Counseling Research Graduate level, 2-credit, Face-to-Face
	15508-5J: Job Design Seminar (2) Undergraduate level, 1-credit, Face-to-Face

16300-01: Research Methods in Psychology

Undergraduate level, 3-credit, Face-to-Face

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

13857-01: Health Psychology

Undergraduate level, 3-credit, Face-to-Face

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-)
- International Society of the Learning Sciences (2022-)
- Journal of Computer Assisted Learning (2025-)

Dissertation Committee

- Hee-Ja Gil (Master)
- Yumi Lee (Master)
- Yeju Ji (Master)

- Suyeon Kim (Master)
- Jisu Yu (Master)
- Seungha Lee (Master)
- Jihye Lee (Master)
- Dae Hi Kim (Ph.D.)
- Mi Hyun Baek (Master)
- Myeonga Jeong (Master)
- Bogon Kim (Master)
- Eun-Sook Kang (Master)
- Hyo-Eun Lee (Master)
- Seungyong Lee (Master)
- Eunjin Kim (Master)
- So-Hee Kim (Master)
- Jiyeon Park (Master, Chair)

Ad Hoc

- 생명윤리심의위원회
 - 위원, 전주대학교
- 공정관리대책위원회
 - 위원, 전주대학교
- 대학원위원회
 - 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 Association for Educational Information and Media
- Korean Society of Educational Technology (KSET)

REFERENCES

Dr. Park, Jooyong (Master's and Doctoral Advisor)
Professor
Department of Psychology, Seoul National University
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Dr. Zhang, Byoung-Tak
Professor
Department of Computer Science and Engineering, Seoul National University
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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
Assistant Professor
Department of Biosystems Engineering, Seoul National University
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