

# 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

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2019.09 -2023.08	<b>Ph.D. in Cognitive Science</b> 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	<b>M.S. in Cognitive Science</b> 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>B.A. in English Language and Literature   Psychology (Double Degree)</b> Yonsei University, Seoul, Republic of Korea GPA: 4.07   3.94 / 4.30 ( <i>Magna Cum Laude</i> )

## ACADEMIC EXPERIENCE

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2024.03 -current	<b>Assistant Professor</b> Dept. of Counseling Psychology, Jeonju University.
2024.01 -2024.03	<b>Postdoctoral Researcher</b> Cognitive Psychology Lab, Dept. of Psychology. Seoul National University. <i>Supervisor: Jooyong Park</i>
2023.09 -2023.12	<b>Postdoctoral Researcher</b> Bigdata Convergence and Open Sharing System, Seoul National University. <i>Supervisor: Hong-Gee Kim</i>

## RESEARCH INTERESTS

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

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

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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)

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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

## BK21 List of Top-Tier International Papers in Computer Science

8. **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). **[BK21 CS 우수학회/논문 IF: 2]**
7. **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). **[BK21 CS 우수학회/논문 IF: 3]**
6. **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). **[BK21 CS 우수학회/논문 IF: 2]**
5. **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* **[BK21 CS 우수학회/논문 IF: 4]**
4. 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*

**[BK21 CS 우수학회/논문 IF: 3]**

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*. **[BK21 CS 우수학회/논문 IF: 4]**
2. 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*. **[BK21 CS 우수학회/논문 IF: 2]**
1. 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* **[BK21 CS 우수학회/논문 IF: 4]**

**PEER-REVIEWED CONFERENCE PROCEEDINGS/ArXivs**

11. 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)
10. 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.
9. Son, S., **Lim, J.**, Jang, Y., LEE, J., & Zhang, B-T. Learning to Write with Coherence from Negative Examples. *ArXiv:2209.10922*
8. **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.
7. 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.
6. 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.
5. 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).
4. **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)*.
3. 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)*.

2. 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).
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).

## INVITED TALKS & GUEST LECTURES

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8. 임재서 (2025. 09). 학습과학연구실습 강의: 실험연구방법특강. 서울대학교.
7. 임재서 (2025. 08). 2025 하계 희소교과 중등 1 급 정교사 자격 연수: 전문상담교사 연수. 전주대학교.
6. 임재서 (2025. 07). 대학교원 임용 A to Z. 서울대학교 경력개발센터.
5. 임재서 (2025. 06). 학습과학 특강. 한양대학교 일반대학원.
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

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

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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.

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## GRANTS, Funds, & SCHOLARSHIPS

2025.09 -current	<b>학술연구지원사업: The Effect of Combining Idea Generation and Evaluation on Creative Performance</b> Funded by 전주대학교 (#8,880,000)
2025.01 -current	<b>대학원생 졸업 후 만족도 및 현업적용도 평가 (Commissioned Research Expense)</b> Funded by 서울대학교 (#22,000,000)
2024.05 -2025.04	<b>정착연구지원사업</b> Funded by 전주대학교 (#5,000,000)
2022.11	<b>AI Young Researcher Scholarship</b> Funded by 을촌, 서울대학교 (#10,000,000)

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2022.05	<b>Scholarships for Outstanding Graduate</b>
	Funded by 서울대학교 (₩10,000,000)
2021.06 -2023.05	<b>학문후속세대 박사과정생연구장려금 (이공학)</b>
	Funded by 한국연구재단 (₩40,000,000)

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## AWARDS & ACADEMIC HONORS

2025	<b>Innovative Research Award</b>
	- 2025 Spring Conference of the Korean Association for Educational Information and Media
2022	<b>Outstanding Ph.D. Thesis</b>
	- Seoul National University
2019	<b>Visual Dialog Challenge 3rd Place</b>
	- CVPR 2019
2015	<b>Honorable Mention Award</b>
	- Korean Institute of Intelligent Systems
2011 -2017	<b>Academic Excellence (Eight times)</b>
	- Yonsei University

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## RESEARCH PROJECTS

### *Principal Investigator*

2025.09- 2026.08	<b>학술연구지원사업: 고등 과학교육의 학습 방법에 대한 인지심리학적 탐구</b>
	- 전주대학교
2024.05- 2025.03	<b>신임교원 정착연구지원: 대학생의 인간-AI 협력 역량 프로파일 탐색</b>
	- 전주대학교

2021.06 -2023.05	<b>이공분야 학문후속세대</b>
	- 교육부, 한국연구재단

### *Researcher*

2022.01 -2022.04	<b>Meta-learning-based efficient learning techniques for drone AI</b>
	- Source Technology Development Project for Artificial Intelligence
2020.09 -2020.12	<b>생활안전데이터</b>
	- Seoul National University College of Medicine's Project on Medical AI Training Data Construction

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2020.04 -2021.03	<b>Babymind</b> - Seoul National University AI research center
2018.10 -2019.09	<b>치의학 전공 대학생 역량 및 선발 모델링</b> - Seoul National University Dental Research Institute, School of Dentistry
2018.05 -2020.01	<b>Video Turing Test (VTT)</b> - Seoul National University Computer research center
2018.02 -2018.05	<b>서울대학교 수업계획서 분석 연구 (Project Manager)</b> - 서울대학교 심리학과

## TEACHING EXPERIENCES

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### **Courses Taught – Jeonju University**

Fall 2025	<b>15509-oE: Career development Seminar (2)</b> Undergraduate level, 1-credit, Face-to-Face
	<b>17688-01: Basics of Counseling Psychology</b> Undergraduate level, 1-credit, Online course
	<b>17822-01: Research Methods in Psychology</b> Undergraduate level, 3-credit, Face-to-Face
	<b>11504-01: Psychological Statistics</b> Undergraduate level, 3-credit, Face-to-Face
	<b>COU5001-01: Research Methods in Counseling Psychology</b> Graduate level, 3-credit, Face-to-Face
	<b>DCP7601-01: Counseling Research</b> Graduate level, 2-credit, Face-to-Face
	<b>DCP7601-02: Counseling Research</b> Graduate level, 2-credit, Face-to-Face
	<b>171318-01: Introduction to Learning Sciences</b> Graduate level, 2-credit, Face-to-Face
Spring 2025	<b>15488-57: Career development Seminar (1)</b> Undergraduate level, 1-credit, Face-to-Face
	<b>17536-01: Cognitive Psychology</b> Undergraduate level, 3-credit, Face-to-Face
	<b>17688-01: Basics of Counseling Psychology</b> Undergraduate level, 1-credit, Online course
	<b>05734-01: Introduction to Psychology</b> Undergraduate level, 3-credit, Face-to-Face
	<b>171202-00: Personality Psychology</b> Graduate level, 2-credit, Face-to-Face

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**COU5009-01: Advanced Statistics in Psychology**  
Graduate level, 3-credit, Face-to-Face

**DCP7107-01: Introduction to Psychology for Graduate**  
Graduate level, 2-credit, Face-to-Face

Fall 2024      **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

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### **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)
- Jiyoon Park (Master, Chair)

***Ad Hoc***

- 생명윤리심의위원회
  - 위원, 전주대학교
- 공정관리대책위원회
  - 위원, 전주대학교
- 대학원위원회
  - 위원, 전주대학교

## **PROFESSIONAL MEMBERSHIP**

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- 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

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Dr. Park, Jooyong (Master's and Doctoral Advisor)  
Professor  
Department of Psychology, Seoul National University  
Phone: +2-880-9050  
Email: jooypark@snu.ac.kr

Dr. Zhang, Byoung-Tak  
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