

Yong Ju Jung, Ph.D.

Last updated: Dec, 2024

Assistant Professor of Library and Information Studies
University of Oklahoma
401 W. Brooks, Room 120, Norman OK 73019
 yongju[at]ou[dot]edu
 <https://orcid.org/0000-0003-0823-1316>
 @yongju07

Education

- Ph.D. (2020) Learning, Design, and Technology. Department of Learning and Performance Systems. College of Education. Penn State University, University Park, PA.
- M.A. (2013) Curriculum, Evaluation, and Educational Technology. Department of Education. College of Education. Korea University, Seoul, Korea.
- B.A. (2011) Education (Minor: Business Administration). Department of Education. College of Education. Korea University, Seoul, Korea.
- Non-degree Exchange student. Uppsala University, Uppsala, Sweden. (2009-2010)

Professional Appointments

- 2020-present Assistant Professor. School of Library and Information Studies. Dodge Family College of Arts and Sciences. University of Oklahoma, Norman, OK.
- 2013-2020 Graduate Assistant/Graduate Researcher. Learning, Design, and Technology Program. Penn State University, University Park, PA.
- 2016-2019 Graduate Assistant/Learning Designer. Sokolov-Miller Family Financial and Life Skills Center. Penn State University, University Park, PA.
- 2012-2013 Research Assistant. Department of Education. Korea University, Seoul, Korea.
- 2011-2012 Research Assistant. Higher Education Policy Research Institute. Korea University, Seoul, Korea.

Grants

External Grants

- Co-Principal Investigator**, with Abbas, J. (PI). *Making is for Everyone: Learning within Library Makerspaces for Youth with Disabilities* (LG-252323-OLS-22). Institute of Museum and Library Services. \$296,685. (2022-2025)
- Co-Investigator**, with Kwon, K. A. (PI), Ford, T., Castle, S., Wang, H., Kile, M., Randall, K., Tsotsoros, J., Jang, S. R., Lloyed-Jones, B., & Cheema, C. *Happy Teacher Wellness Program to Support Head Start Staff's Well-Being* (HHS-2021-ACF-OPRE-YR-1967). The Administration for Children and Families of the U.S. Department of Health and Human Services. \$2M. (2021-2025)
- Advisory Board Member**, OU SLIS School of Librarianship Advisory Board. *Developing Responsive Library Leaders Summer Institute*. 2021 ABC-CLIO Leadership Grant. The American Association of School Librarians, a division of the American Library Association, and ABC-CLIO. \$1,750. (2021)

Internal Grants

- Principal Investigator**. *Developing Children's Data Literacy through Interest-Driven Learning Experiences at a Public Library*. Junior Faculty Fellowship Program. The Office of the Vice President for Research and Partnerships of the University of Oklahoma. \$9,198. (2022)

Principal Investigator, Dissertation Research Initiation Grants. College of Education, Penn State University. \$600. (2017)

Awards & Honors

International and National Awards & Honors

2024 SIG USE Elfreda A. Chatman Research Award, to a project entitled “Enhancing AI Literacy Through Maker-Based Learning with Generative AI.” *Association for Information Science and Technology (ASIS&T)*

2023 Best Paper Meta Reviewer, *2023 ASIS&T Annual Meeting*

2021 Early Career Colloquium, *iConference*

2019 Graduate Student Research Symposium, *National Association for Research in Science Teaching*

2018 Division C Graduate Student Seminar, *American Educational Research Association (AERA)*

Nominated for 2017 Division C’s Outstanding Graduate Student Poster Award, *AERA*

2017 SIG-Informal Learning Environments Research (ILER) Travel Award, *AERA*

2015 SIG-Instructional Technology Best Paper Award (Co-author), *AERA*

2015 LearnLab, The Pittsburgh Science of Learning Center Summer School

2013 Best Paper Award, Spring Conference, *Korean Association for Educational Information and Media*

University Awards & Honors

2024 Faculty Development Care Travel Grant Program, Vice President for Research and Partnerships, *University of Oklahoma*

2023 Award for Excellence in Transdisciplinary, Convergent Research (presented to all team members of the *Happy Teacher* Project), Vice President for Research and Partnerships, *University of Oklahoma*

2023 Annual Award for Excellence in Research Grants (presented to all team members of the *Happy Teacher* Project), Vice President for Research and Partnerships, *University of Oklahoma*

2023 Faculty Travel Assistant Program, Vice President for Research and Partnerships, *University of Oklahoma*

2019 Virginia and Vance Packard Endowment for Student Professional Development, *Penn State University*

2019-20, 2018-19, 2017-18, 2016-17 College of Education Alumni Distinguished Graduate Scholarship, *Penn State University*

2020, 2019, 2016, 2015, 2014 Graduate Student Travel Award, College of Education, *Penn State University*

2016, 2015, 2014 Summer Tuition Assistance Funding, *Penn State University*

2015 Graduate Student Travel Grant, Waterbury, *Penn State University*

2013-2014 Graham Endowed Fellowship Award, Department of Learning and Performance Systems, *Penn State University*

2011, 2012 Graduate Fellowships, Brain Korea 21 (BK 21) the Group for Globalizing Teaching & Research in Education, *Korea University*

2011 Spring, 2010 Fall, 2008 Fall Semester High Honors, College of Education, *Korea University*

Publications

Manuscripts Under Review

Jung, Y. J., Rubenstein, E., & Park, H. (major revision). Transitions in older adulthood: a conceptual proposal incorporating the maker movement, lifelong learning, and information behavior. *Journal of the Association for Information Science and Technology*.

- Kwon, K. A., Ford, T. G., Cheema, C., Castle, S., Kile, M., Wang, H., Tsotsoros, J., Randall, K., Lloyd-Jones, B., Jang, S., **Jung, Y. J.**, Lee, H., Kim, S. G., Sorrels, B., Wang, L., Horm, D., & Jang, W. (major revision). Head Start staff well-being: Early impact results from a cluster randomized control trial (RCT) of a holistic wellness intervention. *Early Childhood Research Quarterly*.
- Oh, Y., **Jung, Y. J.**, Tettevie, F. L., Zucker, T., Ferrari, E., & Martinez, C. (submitted). Implementing educator well-being initiatives in early care and education settings: Overcoming barriers at multiple levels. *Teaching Young Children*.

Journal Papers

- Jung, Y. J.**, & Zimmerman, H. T. (2024). The intertwining of children's interests and micro-practices at a science museum: Case study of three children. *Cognition & Instruction*, 42(4), 455-481. <http://dx.doi.org/10.1080/07370008.2024.2374705>
- Jung, Y. J.**, Kim, S. H., & Choi, G. W. (2024). Revisiting design principles and guidelines for online makerspace services and programming in public libraries. *Information and Learning Sciences*, 125 (11/12), 1054-1073. <https://doi.org/10.1108/ILS-10-2023-0157>
- Jung, Y. J.**, & Liu, J. (2024). Toward a conceptual framework characterizing the interplay of interest development, information search, and knowledge construction (ISK) in children's learning. *Aslib Journal of Information Management*. Advance online publication. <https://doi.org/10.1108/AJIM-01-2024-0041>
- Choi, J., & **Jung, Y. J.** (2024). Academic library expenditures and graduation rates: evidence from four-year colleges and universities in the US. *Studies in Higher Education*. Advance online publication. <https://doi.org/10.1080/03075079.2024.2366325>
- Choi, G. W., Lim, J., Kim, S. H., Moon, J., & **Jung, Y. J.** (2024). A case study of South Korean elementary school teachers' emergency remote teaching. *Knowledge Management & E-Learning*, 16(2), 259-285. <https://doi.org/10.34105/j.kmel.2024.16.013>
- Kim, S. H., **Jung, Y. J.**, & Choi, G. W. (2023). Transition of public and academic library makerspaces from physical to online settings during a pandemic. *The Library Quarterly*, 93(2), 155-180. <https://doi-org.ezproxy.lib.ou.edu/10.1086/723848>
- Jung, Y. J.**, Whalen, D. P., & Zimmerman, H. T. (2023). Shifts of epistemic agency between children and parents during making at a museum-based makerspace. *International Journal of Science Education, Part B*, 13(1), 1-17. <https://doi.org/10.1080/21548455.2022.2100940>
- Kim, S. H., **Jung, Y. J.**, & Choi, G. W. (2022). A systematic review of library makerspaces research. *Library & Information Science Research*, 44(4), 101202. <https://doi.org/10.1016/j.lisr.2022.101202>
- Kim, S. H., Choi, G. W., & **Jung, Y. J.** (2020). Design principles for transforming making programs into online settings at public libraries. *Information and Learning Sciences*. 121(7/8), 619-630. doi: 10.1108/ILS-04-2020-0110
- Jung, Y. J.**, Zimmerman, H. T., & Land, S. M. (2019). Emerging and developing children's situational interests during tablet-mediated biology education activities at a nature center. *Science Education*, 103, 900-922. doi:10.1002/sce.21514
- Jung, Y. J.**, Cho, K., & Shin, W. S. (2019). Revisiting critical factors on teachers' technology integration: The differences between elementary and secondary teachers. *Asia Pacific Journal of Education*, 39(4), 548-561. doi:10.1080/02188791.2019.1620683
- Jung, Y. J.**, Zimmerman, H. T., & Pérez-Edgar, K. E. (2018). A methodological case study with mobile eye-tracking of child interaction in a science museum. *TechTrends*, 62(5), 509-517. doi:10.1007/s11528-018-0310-9
- Wang, R., Kim, J., Xiao, A., & **Jung, Y. J.** (2017). Networked narratives on Humans of New York: A content analysis of social media engagement on Facebook. *Computers in Human Behaviors*, 66, 149-

153.

- Park, Y. & **Jung, Y. J.** (2014). Recognizing value of mobile device for learning. *The International Journal of Online Pedagogy and Course Design*, 4(3), 70-86.
- Park, Y. & **Jung, Y. J.** (2013). Exploring the meaning of mobile learning for informal learning: preliminary and exploratory study. *International Journal of Knowledge Society Research*, 4(2), 75-83.
- Jang, S., Kim, J., Cha, M., **Jung, Y. J.**, & Park, I. (2012). A development of meta-data standards for OCW in higher education. *The Korean Journal of Educational Methodology Studies*, 24(4). [In Korean]
- Park, I., Shin, W. S., Yoo, J., & **Jung, Y. J.** (2012). Development and application of indicator for measuring soundness of higher education curriculum. *Korean Journal of Higher Education Policy*, 5(1). [In Korean]
- Kim, D., Choi, K. U., **Jung, Y. J.**, & Shin, W. S. (2011). A case study on curriculum management by institutional type. *Korean Journal of Higher Education Policy*, 4(1). [In Korean]

Peer-reviewed Conference Proceedings

- Jung, Y. J.**, Munyao, M. ⁺, & Abbas, J. (2024). Investigating strategies for inclusive public library makerspace for youth with disabilities: a case study [poster]. In *Proceedings of the 2024 ASIS&T Annual Meeting* (pp.959-961). <https://doi.org/10.1002/pr2.1153>
- Jung, Y. J.**, Liu, J., Karahan, H. ⁺, & Nazari, M. ⁺ (2024). Tech treasure hunt: promoting children's learning on how algorithm works at a public library [poster]. In *Proceedings of the 2024 ASIS&T Annual Meeting* (pp.962-964). <https://doi.org/10.1002/pr2.1154>
- Jung, Y. J.**, Kim, S. H., & Choi, G. W. (2024). Methodological implications for video-based research in the library and information science [poster]. In *Proceedings of the Association for Library and Information Science Education Annual Conference: ALISE 2024*. <https://doi.org/10.21900/j.alise.2024.1655>
- Karahan, H. ⁺, & **Jung, Y. J.** (2024). Students' perceptions and use of AI in MLIS courses [poster]. In *Proceedings of the Association for Library and Information Science Education Annual Conference: ALISE 2024*. <https://doi.org/10.21900/j.alise.2024.1656>
- Jung, Y. J.**, Chang, Y., Moon, J., Seo, J., Bonnette, R., Lee, J. -Y., Ke, F., Sokolij, Z., Koh, K., Cox, E., Chen, S., Abbas, J., Munyao, M. ⁺, DiCioccio, M., & Alstad, Z. (2024). Learning environments designed for and with learners with disabilities [hybrid symposium]. In R. Lindgren, T. I. Asino, E. A., Kyza, C. K. Looi, D. T. Keifert, & E. Suárez (Eds.). *Proceedings of the 18th International Conference of the Learning Sciences (ICLS 2024)* (pp.1918-1925). International Society of the Learning Sciences (ISLS). <https://doi.org/10.22318/icls2024.384050>
- Jung, Y. J.** (2023). Developing children's data literacy through navigating, video-logging, and making in a library [poster]. In A. H. Poole & O. Zavalina (Eds.), *Proceedings of the Association for Library and Information Science Education Annual Conference: ALISE 2023*. <https://doi.org/10.21900/j.alise.2023.1291>
- Jung, Y. J.**, & Choi, J. (2023). The impact of academic library expenditure on student graduation rate in universities [poster]. In A. H. Poole & O. Zavalina (Eds.), *Proceedings of the Association for Library and Information Science Education Annual Conference: ALISE 2023*. <https://doi.org/10.21900/j.alise.2023.1263>
- Jung, Y. J.**, & Liu, J. (2022). Children's interest, search, and knowledge: A pilot analysis of a STEM maker workshop [poster]. In *Proceedings of the 2022 ASIS&T Annual Meeting*. ***Poster won Best Information Behavior Conference Poster Award for 2022 ASIS&T SIG Information Needs, Seeking, & Use (USE) ***

⁺ Student collaborator

- Jung, Y. J.,** Park, H., & Rubenstein, E. L. (2022). Learning of older adults in makerspaces [roundtable]. In *Proceedings of the 2022 Adult Education Research Conference (AERC)* (pp. 1-2). AERC.
<https://newprairiepress.org/aerc/2022/roundtables/7>
- Liu, J., & **Jung, Y. J.** (2021). Interest development, knowledge learning, and interactive IR: Toward a state-based approach to search as learning. In *Proceedings of the 2021 ACM SIGIR Conference on Human Information Interaction and Retrieval (CHIIR '21)* (pp. 239-248). ACM.
<https://doi.org/10.1145/3406522.3446015>
- Jung, Y. J.** (2021). Youth's interest-driven learning and information seeking during COVID-19 [work-in-progress poster]. In Y. Choi & M. Harper (Eds.), *Proceedings of The Association for Library and Information Science Education Annual Conference: ALISE 2021* (p. 199). ALISE.
- Jung, Y. J. (organizer),** Dudek, J., Yan, S., Borge, M., Kim, S. H., Liao, J., Shapiro, B., & Zimmerman, H. T. (2020). Visualizing qualitative data: Creative approaches for analyzing and demonstrating lively data from diverse learning settings. [symposium] In M. Gresalfi & I. S. Horn (Eds.), *The Interdisciplinarity of the Learning Sciences, The International Conference of the Learning Sciences (ICLS) 2020*, Volume 1 (pp. 438-445). International Society of the Learning Sciences.
- Weintrop, D., Choi, G. W., Maltese, A., Tissenbaum, M., Fofang, J., Walton, M., Walkoe, J., Scott, J., **Jung, Y. J.,** Zimmerman, H. T., Deliema, D., Dahn, M., Kim, S. H., ..., Blikstein, P. (2020). What does computer science and maker education look like in 2030? [symposium] In Gresalfi, M. & I. S. Horn (Eds.), *The Interdisciplinarity of the Learning Sciences, The International Conference of the Learning Sciences (ICLS) 2020*, Volume 3 (pp. 1519-1524). International Society of the Learning Sciences.
- Zimmerman, H. T., Land, S. M., Grills, K. E., Chiu, Y. -C., **Jung, Y. J.,** & Williams, J. (2020). Design conjectures for place-based science learning about water: Implementing mobile augmented reality with families [long paper]. In Gresalfi, M. & I. S. Horn (Eds.), *The Interdisciplinarity of the Learning Sciences, The International Conference of the Learning Sciences (ICLS) 2020*, Volume 2 (pp. 1125-1132). International Society of the Learning Sciences.
- Jung, Y. J.,** Whalen, D. P., & Zimmerman, H. T. (2020). Epistemic agency shifts between children and parents during inventing with robotics at museum-based makerspace [poster]. In Gresalfi, M. & I. S. Horn (Eds.), *The Interdisciplinarity of the Learning Sciences, The International Conference of the Learning Sciences (ICLS) 2020*, Volume 2 (pp. 851-852). International Society of the Learning Sciences. <https://doi.org/10.22318/icls2020.851>
- Jung, Y. J.,** & Borge, M. (2020). Investigating children's interactions across face-to-face and virtual spaces: Case study of mobile eye-tracking analysis [poster]. In Gresalfi, M. & I. S. Horn (Eds.), *The Interdisciplinarity of the Learning Sciences, The International Conference of the Learning Sciences (ICLS) 2020*, Volume 2 (pp. 891-892). International Society of the Learning Sciences.
- Jung, Y. J.,** Toprani, D., Yan, S., & Borge, M. (2017). Children's participation in rulemaking to mitigate process problems in CSCL [short paper]. In B. K. Smith, M. Borge, E. Mercier, and K. Y. Lim (Eds.), *Making a Difference: Prioritizing Equity and Access in CSCL, 12th International Conference on Computer Supported Collaborative Learning (CSCL) 2017*, Volume 2 (pp. 652-655). International Society of the Learning Sciences.
- Jung, Y. J.,** Yan, S., & Borge, M. (2016). Problems with different interests of learners in an informal CSCL Setting [short paper]. In C-K. Looi, J. Polman, U. Cress, & P. Reimann (Eds.), *Transforming Learning, Empowering Learners: The International Conference of the Learning Sciences (ICLS) 2016*, Volume 2 (pp. 878-881). International Society of the Learning Sciences.
- Zimmerman, H. T., Land, S. M., Mohney, M. R., Choi, G. W., Maggoire, C., Kim, S. H., **Jung, Y. J.** & Dudek, J. (2015). Using augmented reality to support observations about trees during summer camp. *Proceedings of the 14th International Conference on Interaction Design and Children* (pp. 395-

398). ACM.

Book Chapters

- Jung, Y. J.** (2023). Small library making big changes: A case study of the Baramsup Library. In K. Williams-Cockfield & B. Mehra (Eds.), *How public libraries build sustainable communities in the 21st century* (Advances in Librarianship, Vol. 53) (pp.185-195). Emerald Publishing Limited.
- Jung, Y. J., Choi, G. W., & Kim, S. H.** (2023). Design-based education in STEM: For learners of the 21st century. In R. Tierney, F. Rizvi, & G. Smith (Eds.), *International Encyclopedia of Education 4th Edition, vol. 11* (pp.198-206). Elsevier. <https://dx.doi.org/10.1016/B978-0-12-818630-5.13077-5>
- Jung, Y. J., Zimmerman, H. T., & Pérez-Edgar, K. E.** (2020). Mobile eye-tracking for LDT research in diverse educational settings. In E. Romero-Hall (Ed). *Research methods in learning design and technology* (pp. 26-42). Routledge.
- Zimmerman, H. T., Land, S. M., & **Jung, Y. J.** (2016). Using augmented reality to support children's situational interest and science learning during context-sensitive informal mobile learning. In A. Peña-Ayala (Ed). *Mobile, ubiquitous, and pervasive learning: fundamentals, applications, and trends* (pp. 101-119). Springer International Publishing. doi:10.1007/978-3-319-26518-6

Presentations

Refereed Presentations

- Jung, Y. J., Kwon, K. A., Ford, T. G., Lloyd-Jones, B., Kile, M., Cheema, C., & Min, J. ⁺** (accepted, 2025, April). Designing multifaceted learning environments to promote early childhood educators' holistic wellness. *2025 Annual Meeting of the American Educational Research Association (AERA)*. Denver, CO.
- Jung, Y. J., Abbas, J., & Munyao, M. ⁺** (2024, October). Public library makerspaces and maker programming for youth with disabilities: Experiences of librarians [Disabilities in LIS SIG panel]. *The Association for Library and Information Science Education (ALISE) 2024 Annual Conference*. Portland, OR.
- Williams-Cockfield, K., Mehra, B., Connaway, L., D'Arpa, C., Matthews, A., **Jung, Y. J.**, Evans, S., & Ryan, S. (2024, October). How public libraries build sustainable communities in the 21st century [panel]. *The Association for Library and Information Science Education (ALISE) 2024 Annual Conference*. Portland, OR.
- Kwon, K. A., Ford, T. G., Cheema, C., Castle, S., Kile, M., Wang, H., Tsotsoros, J., Randall, K., Lloyd-Jones, B., Jang, S., **Jung, Y. J.**, Lee, H., Kim, S. G., Sorrels, B., Wang, L., Horm, D., & Jang, W. (2024, June). Head Start staff well-being: Early impact results from a cluster randomized control trial (RCT) of a holistic wellness intervention. *The Administration for Children and Families' National Research Conference on Early Childhood (NRCEC) 2024*. Arlington, VA.
- Jung, Y. J., & Denmon, S. ⁺** (2024, April). Promoting children's data literacy through place-based embodied learning at a public library. *2024 Annual Meeting of the American Educational Research Association (AERA)*. Philadelphia, PA.
- Jung, Y. J., Abbas, J., & Sultana, N. ⁺** (2024, April). Disabilities empowering tinkering: Stories of learners with disabilities at library makerspaces [structured poster]. *2024 Annual Meeting of the American Educational Research Association (AERA)*. Philadelphia, PA.
- Choi, J., & **Jung, Y. J.** (2023, November). Academic library expenditure and college graduation rates [research paper]. *The Association for the Study of Higher Education's 48th Annual Conference*. Minneapolis, MN.

- Jung, Y. J., & Abbas, J. (2023, October). The prevalence of public library makerspaces and maker programs for youth with disabilities [Disabilities in LIS SIG panel]. *The Association for Library and Information Science Education (ALISE) 2023 Annual Conference*. Milwaukee, WI.
- Jung, Y. J., & Kim, S. H. (2022, October). Learning principles for MLIS online graduate courses on Makerspaces [panel presentation for the Curriculum SIG]. *The Association for Library and Information Science Education (ALISE) 2022 Annual Conference*. Pittsburgh, PA.
- Jung, Y. J. (2022, April). Data collected but excluded in qualitative research in/on informal learning environments [structured poster]. *2022 Annual Meeting of the American Educational Research Association (AERA)*. San Diego, CA.
- Kim, S. H., Jung, Y. J., & Choi, G. W. (2022, April). Adapting alternative approaches during covid-19 to explore youth and adult learners' informal learning experiences [paper]. *2022 Annual Meeting of the American Educational Research Association (AERA)*. San Diego, CA.
- Choi, G. W., Lim, J., Kim, S. H., Moon, J., & Jung, Y. J. (2021, November). A case study of post-COVID19 elementary school teachers in Korea [concurrent presentation]. *2021 Association for Educational Communications & Technology (AECT) International Convention*. Chicago, IL & Virtual.
- Romero-Hall, E., Arisan-Ari, I., Gentry, W., Greenhaigh, S., Jung, Y. J., Stefaniak, J., Tiwari, S., Koehler, M. J., Rosenberg, J. M., Willet, B. S., Lockee, B., Zimmerman, H. T., Perez-Edgar, K., Grant, M. M., & Ari, F. (2020, November). Let's talk about research methods: Where are we today? [panel] *2020 Association for Educational Communications & Technology (AECT) Virtual Convention*.
- Jung, Y. J., & Zimmerman, H. T. (2020, April). Families' sociomaterial interactions during inventing: Learning with pinball machines in a museum [structured poster]. *2020 Annual Meeting of the American Educational Research Association (AERA)*. San Francisco, CA (conference canceled).
- Zimmerman, H. T., Chiu, Y., Jung, Y. J., Grills, K., McClain, L., & Land, S. M. (2020, April). Families learning together about their regions' natural history: Augmented reality in the garden [poster]. *2020 Annual Meeting of the American Educational Research Association (AERA)*. San Francisco, CA (conference canceled).
- Jung, Y. J., & Zimmerman, H. T. (2019, April). Collaboration among family members showing varying emotional engagement during a making project [structured poster]. *2019 Annual Meeting of the American Educational Research Association (AERA)*. Toronto, Canada.
- Zimmerman, H. T., Kim, S. H., Purington, D. W., & Jung, Y. J. (2019, March). Sociotechnical interactions influencing families' engagement in collaborative museum-based inventing activities [presentation]. *2019 National Association for Research in Science Teaching (NARST) Annual International Conference*. Baltimore, MD.
- Jung, Y. J. (2019, March). Children's interest and learning in a science museum: By video and mobile eye-tracking analyses [poster]. *2019 National Association for Research in Science Teaching (NARST) Annual International Conference*. Baltimore, MD.
- Jung, Y. J. (2018, April). Investigating the development of youths' situational interest at a science museum through qualitative interaction analysis [roundtable]. *2018 Annual Meeting of Korean-American Educational Researchers Association*. New York, NY.
- Jung, Y. J., Zimmerman, H. T., Galinsky, P., Perez-Edgar, K. (2017, April). Using video and eye-tracking methods to investigate children's situational interest in a science museum [presentation]. *2017 Annual Meeting of the American Educational Research Association (AERA)*. San Antonio, TX.
Poster nominated for AERA Division C's Outstanding Graduate Student Poster Award
- Jung, Y. J., Zimmerman, H. T. (2017, April). Exploring children's interest by using video data in a science museum [structured poster]. *2017 Annual Meeting of the American Educational Research Association (AERA)*. San Antonio, TX.

- Jung, Y. J., & Zimmerman, H. T.** (2017, April). Exploring children's interest during family museum visit by using video analysis [roundtable]. *2017 Annual meeting of Korean-American Educational Researchers Association*. San Antonio, TX.
- Jung, Y. J., Shin, W. S., Jung, J. W., & Kim, I.** (2016, October). Intersection of knowledge, confidence, belief, and support for technology use by teachers [presentation]. *2016 AECT International Convention*. Las Vegas, NV.
- Jung, Y. J., Toprani, D., Yan, S., & Borge, M.** (2016, October). Developing an afterschool program for collective design thinking with diverse media [roundtable]. *2016 AECT International Convention*. Las Vegas, NV.
- Jung, Y. J., Zimmerman, H. T., & Land, S. M.** (2016, April). Environmental and technological resources as triggers of children's interests during nature camp [roundtable]. *2016 Annual meeting of Korean-American Educational Researchers Association*. Washington D.C.
- Land, S. M., Zimmerman, H. T., Choi, G. W., Maggiore, C., Seely, B. J., & Jung, Y. J.** (2015, November). Designing mobile applications for informal science learning outdoors [presentation]. *2015 AECT International Convention*. Indianapolis, IN.
- Land, S. M., Zimmerman, H. T., Seely, B. J., Mohny, M. R., Dudek, J., Jung, Y. J., & Choi, G. W.** (2015, April). Photo-capture and annotations supporting observations in outdoor mobile learning [presentation]. *2015 Annual Meeting of the American Educational Research Association (AERA)*. Chicago, IL. ***Paper won Best Paper Award for AERA SIG-IT 2015***
- Jung, Y. J., Shin, W. S., & Park, I.** (2013, June). Exploring teacher factors which affect TPACK of in-service teachers [poster]. *Korean Association for Educational Information and Media Spring Conference*. Gwangju, Korea. [In Korean] ***Poster won Best Paper Award***
- Kang, M., Yoo, J., Jung, Y. J., Kim, S., and Park, I.** (2012, June). The development of a measurement tool of roles and teaching styles for instructors in cyber universities [presentation]. *Edmedia 2012*. Denver, CO.

Invited Presentations

- Jung, Y. J., Munyao, M., & Abbas, J.** (2025, February). Making is for everyone: Lessons learned from library makerspaces for youth with disabilities. *Library Makerspace Research Showcase*. Virtual.
- Jung, Y. J., Kwon, K., Ford, T. G., Lloyd-Jones, B., Kile, M., Cheema, C., Min, J. ⁺, & the Happy Teacher Project Team.** (2024, September). Experiences and perceived impact of a holistic wellness intervention for Head Start educators. *2024 Oklahoma Early Childhood Research Symposium*, Oklahoma Partnership for School Readiness, Oklahoma City, OK.
- Kile, M., Kwon, K., Ford, T. G., Wang, H., Jung, Y. J., & the Happy Teacher Project Team.** (2024, September). The quality of physical environment and a wellness room for early childhood teachers' well-being. *2024 Oklahoma Early Childhood Research Symposium*, Oklahoma Partnership for School Readiness, Oklahoma City, OK.
- Gnangnon, B., Jung, Y. J., & Park, Y.** (2024, April). How to keep the remote students engaged. *SBL (Society of Biblical Literature) Global Virtual Meeting 2024*. Virtual.
- Munyao, M. ⁺, Sultana, N. ⁺, Jung, Y. J., & Abbas, J.** (2024, March). Making for everyone: US public library makerspaces for youth with disabilities. *2024 Oklahoma Library Association (OLA) Conference*. Tulsa, OK.
- Jung, Y. J.** (2023, November). Academic and public library makerspaces' online services and programs during and post-COVID. *Oklahoma Chapter of the Association of College & Research Libraries (OK-ACRL) Annual Conference*. Stillwater, OK.

- Jung, Y. J.** (2021, January). Transforming makerspaces into online settings. *2021 Winter Conference of The Korean Association for Educational Methodology Studies*. Seoul, Korea [Virtual].
- Jung, Y. J.**, Whalen, D. P., & Zimmerman, H. T. (2019, October). Moment-by-moment shifts of epistemic agency between youths and families during robotic hand making at a museum-based makerspace. *Big10+ Maker and CS Education Research Conference*. Bloomington, IN.
- Jung, Y. J.** & Zimmerman, H. T. (2019, May). Collaboration among family members showing varying emotional engagements: Understanding their situational interests during making projects at a science museum. *Waterbury Summit on the Learning Sciences, Penn State University*. University Park, PA.
- Jung, Y. J.** (2016, April). Children's interest development during collaborative learning with family in a science museum. *College of Education Graduate Student Research Symposium, Penn State University*. University Park, PA.
- Toprani, D., Yan, S., **Jung, Y. J.**, & Borge, M. (2016, March). Bringing collaborative design thinking into an elementary after-school club. *2016 Harvard Graduate School of Education Student Research Conference*. Boston, MA.
- Yan, S., **Jung, Y. J.**, Toprani, D., Galinsky, P., & Borge, M. (2015, November). Building thinking processes in informal settings. *Learning Sciences/Science of Learning poster conference, College of Education, Penn State University*. University Park, PA.
- Galinsky, P., **Jung, Y. J.**, Taber-Thomas, B., Zimmerman, H. T., Borge, M., & Perez-Edgar, K. (2015, March). Mobile eye tracking applied to behavior and education research: quantitative analysis tools. *TLT Symposium 2015, Penn State University*. University Park, PA.
- Park, Y. & **Jung, Y. J.** (2011, December). Exploring the meaning of mobile learning for informal learning: preliminary study. *The 9th Annual Learning and Technology Conference-Learning by design: Purpose, Art & motion*. Jeddah, Kingdom of Saudi Arabia.
- Jung, Y. J.** (2011, November). How does mobile learning conduct informal learning: focused on tendency of Korean? *Waseda-Korea University exchanging program*. Tokyo, Japan.

Invited Seminars & Lectures

- Jung, Y. J., & Rubenstein, E.** (2024, August). We are all makers! Introducing makerspaces and the maker movement. *Mornings with the Professor*. Osher Lifelong Learning Institute at OU.
- Jung, Y. J., & Kim, S. H.** (2023, December). KELSPOD Episode 7 [virtual, audio only]. *Korean Edutech/Learning Sciences Researcher Network Podcast*.
- Jung, Y. J.** (2023, November). Children's sociotechnical interactions in informal learning environments. *Social & Community Informatics* (LIS 6543). School of Library and Information Studies, University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2023, September). Mobile eye-tracking for educational research [virtual]. *Seminar in Learning, Design, and Technology*. University of Tennessee, Knoxville, TN.
- Jung, Y. J.** (2023, September). Dissertation journey. *Doctoral Seminar, School of Library and Information Studies*. University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2023, August). The concept of maker education and its examples [in Korean; virtual]. *Summer Special Talk*. Educational Technology Department, Graduate School of Education and Information, Hanyang Cyber University, South Korea.
- Jung, Y. J.** (2023, May). Children's sociotechnical interactions in informal learning environments. *Learning Environment Design and Technology*. Department of Education, Korea University, Seoul, Korea.
- Jung, Y. J.** (2022, June). Makerspace and maker programming in libraries and museums [virtual]. *The Summer Institute: Developing Responsive Library Leaders*. School of Library and Information Studies, University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2022, February). Cultivating research agenda [virtual]. *Doctoral Seminar, School of Library and Information Studies*. University of Oklahoma, Norman, OK.
- Kwon, K., & Jung, Y. J.** (2022, January). Getting published in English journals [virtual]. *Bk 21+ Project Group of Edu-hub in Asia*. Korea University. Seoul, Korea.
- Jung, Y. J.** (2021, September). Dissertation: from topic setting to defending [virtual]. *Doctoral Seminar, School of Library and Information Studies*. University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2021, April). Exploring learner interaction through video-based research [virtual]. *Research Methods and Design in Information Science* (LIS 6713), School of Library and Information Studies (doctoral level course). University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2021, March). Informal learning environments for interest-driven learning [virtual]. *The Design of Learning Environments* (EIPT 6343), Department of Educational Psychology (graduate level course). University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2020, November). Children's interest-driven learning with families at a science Museum [virtual]. *Pedagogical Considerations in the 21st Century Classrooms* (master's level course). University of Kansas, Lawrence, KS.
- Jung, Y. J.** (2020, November). How I survived my dissertation [virtual]. *Doctoral Seminar, School of Library and Information Studies*. University of Oklahoma, Norman, OK.
- Jung, Y. J.** (2020, June). Mobile eye-tracking for educational research [virtual]. *Bk 21+ Project Group of Edu-hub in Asia*. Korea University. Seoul, Korea.
- Jung, Y. J.** (2020, June). Video-based research in education [virtual]. *Bk 21+ Project Group of Edu-hub in Asia*. Korea University. Seoul, Korea.

Teaching

School of Library and Information Studies, University of Oklahoma

- LIS 4303 Children's Literature
- LIS 5033 Information and Society
- LIS 5713 Research and Evaluation Methods
- LIS 5573 Makerspaces: Theory and Practice
- LIS 5970 Learning with Technology in Libraries and Museums
- LIS 4/5823 Internship
- LIS 5/6960 Directed Reading
- LIS 5/6920 Directed Research

Learning, Design, and Technology Program, Penn State University

Instructor (undergraduate course)

- *World Technologies and Learning (LDT 100, hybrid)* (Fa19, Sp20)

Instructional Aide (graduate courses)

- *Mobile Technologies into Learning Environments (LDT 505, online)* with Dr. Priya Sharma (Fa17)
- *Designing Constructivist Learning Environments (LDT 527, online)* with Dr. Susan Land (Sp17)
- *Introduction to Computer Supported Collaborative Learning (INSYS 597A, residential)* with Dr. Marcela Borge (Fa14)

Information Science Technology Program, Penn State University

Teaching Assistant (undergraduate course)

- *Information, People, and Technology (IST 110, online)* with Dr. Marcela Borge (Sp15).

Certificates

Penn State World Campus Graduate Student Online Teaching Certificate

The Pittsburgh Science of Learning Center Summer School Certificate (Concentration: CSCL)

Secondary Teaching Certificate in South Korea

Lifelong Educators Certificate in South Korea

Service & Leadership

International/National Organizations

Co-Chair, ALISE Panel Sessions Committee (2024-2025)

Guest Editor, Special Issue - Fostering Innovation at the Intersection of Maker Education and Extended Reality (XR), *Computers & Education: X Reality* (Elsevier) (2024-2025)

Meta-Reviewer, *ASIS&T* (2023, 2024)

Mentor, Korean Edutech/LearningSciences Researcher Network (KELS) Mentoring Program (2022-2023; 2023-2024; 2024-2025)

Program Chair (elected), AERA Informal Learning Environments Research SIG (2022-2023; Program Chair-Elect for 2021-2022)

Graduate Coordinator, 2015 Annual Meeting of Korean-American Educational Researchers Association (2015)

Administrative Assistant, The Korean Association for Educational Methodology Studies (2012-2013)

University Service

University of Oklahoma

Member, Information Technology Committee, Dodge Family College of Arts and Sciences (2022-2023)

Chair (2024-2025), Member (2020-2021; 2022-2024), Graduate Studies Committee, School of Library and Information Studies (SLIS)

Member, Doctoral Program Committee, SLIS (2021-2025)

Member, School Librarianship Advisory Board, SLIS (2020-2022; 2023-2025)

Member, Research Culture Special Initiative, SLIS (2024-2025)

Member, Accreditation Committee, SLIS (2020-2022)

Library Representative, SLIS (2020-2022)

Penn State University

President, Penn State University-Korea University Alumni Association (2014-2015)

Reviewer, Penn State University COIL Research Initiation Grant Proposals Member (2013, 2015)

Reviewer

NSF Grant Panel Reviewer (2022)

Book Proposal Reviewer, Routledge (2021)

Journals: Journal of Librarianship & Information Science (2024); Library Hi Tech (2023, 2024); The Korean Journal of Educational Methodology Studies (2024); Library and Information Science Research (2020, 2023); Information and Learning Sciences (2021, 2023); Teaching and Teacher Education (2021, 2022); Early Childhood Research Quarterly (2021); Science Education (2021); KEDI Journal of Educational Policy (2021)

Conference submissions: ASIS&T (2023, 2024), ALISE (2023); AERA (2015- 2025); ISLS/ICLS/CSCL (2016, 2018, 2020, 2024, 2025); AECT (2017); KAERA (2017)

Affiliations

Association for Information Science & Technology (ASIS&T)

Association for Library and Information Science Education (ALISE)

American Educational Research Association (AERA)

International Society of the Learning Sciences (ISLS)

Association for Educational Communications and Technology (AECT)

Korean-American Educational Researchers Association (KAERA)