Chaewon Kim

Curriculum Vitae

Stone Building 3210
1114 W Call St., Tallahassee, FL 32306

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EDUCATION

Ph.D., Instructional Systems and Learning Technologies, 2026 (expected)
Dissertation title: Investigating the Impact of Competition and Role Assignment in Educational Escape Room Design on Nursing Students' Knowledge Gains and Epistemic Networks
Dissertation committee: Bret Staudt Willet, Vanessa Dennen, Songhee Han, James Whyte
Anne's College, Florida State University

Certificate in Measurement and Statistics, 2024
Anne's College, Florida State University

M.A., Educational Technology and Administration, 2021
Graduate School of Education, Sogang University, South Korea

B.A., Elementary Education, 2018
Seoul National University of Education, South Korea

PROFESSIONAL APPOINTMENTS

Researcher (Summer 2025–present)
Challenger Learning Center, Tallahassee, FL, U.S.A.

Graduate Assistant (Fall 2022–present)
Anne's College, Florida State University

Elementary School Teacher (Spring 2018–Summer 2022)
Seoul Metropolitan Office of Education, South Korea

RESEARCH

Peer-Reviewed Journal Articles (*n* = 9)

1. Zhang, N., Ke, F., Barrett, A., **Kim, C.**, & Xu, J. (2025) A systematic literature review on neurodiversity in rural areas: challenges, efforts, and implications. *Review of Educational Research, 0*(0). [SSCI-indexed, IF: 7.4] https://doi.org/10.3102/00346543251375458
2. **Kim, C.,** Ke, F., & Brewer, V. (2025). Debriefing the escape: Sequential patterns in facilitator strategies for nursing simulations. *Clinical Simulations in Nursing, 106,* 101789. https://doi.org/10.1016/j.ecns.2025.101789 [SSCI-indexed, IF: 2.5]
3. Kadir, K., **Kim, C.,** & Martella, A. (2025). First-year STEM college students' study strategies: Perceived effectiveness and use. *Educational Sciences, 15*(8), 945. https://doi.org/10.3390/educsci15080945 [ESCI-indexed, IF: 2.6]
4. Na, H., Staudt Willet, K. B., **Kim, C.** (2025). Investigating the impact of AR technologies on geometric learning in primary school: A comparison of marker-based and markerless AR. *British Journal of Educational Technology,* 1-20. https://doi.org/10.1111/bjet.13584 [SSCI-indexed, IF: 8.1]

5. **Kim, C.,** Ke, F., & Brewer, V. (2025). Escape rooms as formative knowledge assessment. *Nurse Education Today, 147,* 106572. https://doi.org/10.1016/j.nedt.2025.106572 [SSCI-indexed, IF: 4.2]
6. **Kim, C.,** Na, H., Zhang, N., & Bai, C. (2024). Escape rooms for education: A meta-analysis. *International Journal of Instruction, 17(4),* 219-234. https://doi.org/10.29333/iji.2024.17413a [ESCI-indexed, IF: 1.5]
7. Na, H., Staudt Willet, K. B., He, D., Shi, H., Hur, J., & **Kim, C.** (2024). Initial discussions of ChatGPT in Education-related Subreddits. *Journal of Research on Technology in Education,* 1-18. https://doi.org/10.1080/15391523.2024.2338091 [SSCI-indexed, IF: 5.0]
8. **Kim, C.,** & Pratt, D. (2024). Are we ready? – Investigating educator's post-pandemic readiness for the transition to online teaching. *International Journal of Learning and Teaching, 10*(4), 472-475. https://doi.org/10.18178/ijlt.10.4.472-475
9. Ji, H., **Kim, C.,** & West, L. (2024). Exploring the role of facilitator talk moves in online game-based grammar training. *International Journal of Information and Education Technology, 14*(5), 668-674. https://doi.org/10.18178/ijiet.2024.14.5.2091

Pending Peer-Reviewed Journal Articles (*n* = 4)

1. **Kim, C.** & Brewer, V. (Under review, minor revision). Using epistemic network analysis to explore collaboration in nursing escape rooms. *Journal of Nursing Education,* (TBA).
2. **Kim, C.** & Brewer, V. (Under review, major revision). Sequential analysis of collaborative problem solving in educational escape rooms. *Journal of Nursing Education,* (TBA).
3. **Kim, C.,** Park, S. Y., Cardenas, K., Karabatman, H. A., Ke, F. (Under review). Exploring NutriQuest: A game for promoting healthy eating habits. *International Journal of Serious Games,* (TBA).
4. **Kim, C.** (Under review). Design considerations of educational escape rooms in healthcare: A systematic literature review. *Educational Research Review,* (TBA).

Peer-Reviewed Conference Proceedings (*n* = 11)

1. Han, S., Na, H., & **Kim, C.** (2025). Implementation, not capabilities: How chatbot utilization shapes learners' navigation patterns in MOOCs. In C. Mills, G. Alexandron, D. Taibi, G. Lo Bosco, & L. Paquette (Eds.), *Proceedings of the 18th International Conference on Educational Data Mining (EDM 2025)* (pp. 596–598). International Educational Data Mining Society. https://doi.org/10.5281/zenodo.15870215
2. Han, S., **Kim, C.,** Na, H. (2025, July). Intent-Based vs. LLM-Based Chatbots in MOOCs: Do Diverse Students Experience Them Differently?. In: Cristea, A.I., Walker, E., Lu, Y., Santos, O.C., Isotani, S. (eds) *Artificial Intelligence in Education. Posters and Late Breaking Results, Workshops and Tutorials, Industry and Innovation Tracks, Practitioners, Doctoral Consortium, Blue Sky, and WideAIED*. AIED 2025. Communications in Computer and Information Science, vol 2591. Springer, Cham. https://doi.org/10.1007/978-3-031-99264-3_28
3. **Kim, C.,** Ke, F., Zhang, N., Barrett, A. (2025, July). LLM-supported thematic analysis: Evaluating GATOS workflow on complex qualitative data. In C. Mills, G. Alexandron, D. Taibi, G. Lo Bosco, & L. Paquette (Eds.), *Proceedings of the 18th International Conference on Educational Data Mining (EDM 2025)* (pp. 604–607). International

Educational Data Mining Society. https://doi.org/10.5281/zenodo.15870242

4. **Kim, C.**, Ke, F., Barrett, A., Zhang, N. (2025, July). From Code to Insight: How LLMs Help and Hinder Qualitative Research. In: Cristea, A.I., Walker, E., Lu, Y., Santos, O.C., Isotani, S. (eds) *Artificial Intelligence in Education. Posters and Late Breaking Results, Workshops and Tutorials, Industry and Innovation Tracks, Practitioners, Doctoral Consortium, Blue Sky, and WideAIED*. AIED 2025. Communications in Computer and Information Science, vol 2591. Springer, Cham. https://doi.org/10.1007/978-3-031-99264-3_4

5. **Kim, C.** & Zhang, Q. (2025, June). Do Gamers Learn Better From Games? – Insights From Hierarchical Linear Modelling. In Rajala, A., Cortez, A., Hofmann, R., Jornet, A., Lotz-Sisitka, H., & Markauskaite, L. (Eds.), *Proceedings of the 19th International Conference of the Learning Sciences - ICLS 2025* (pp. 2692-2693). International Society of the Learning Sciences. https://doi.org/10.22318/icls2025.103390

6. **Kim, C.** (2025, June). Unveiling Learning Dynamics in Nursing Educational Escape Rooms: Insights from LIWC and ENA. In Rajala, A., Cortez, A., Hofmann, R., Jornet, A., Lotz-Sisitka, H., & Markauskaite, L. (Eds.), *Proceedings of the 19th International Conference of the Learning Sciences - ICLS 2025* (pp. 2694-2696). International Society of the Learning Sciences. https://doi.org/10.22318/icls2025.498772

7. **Kim, C.**, Kim, H., Kim, J., & Kozan, K. (2025, June). First-year STEM Students' Learning Strategies: Status Quo. In Rajala, A., Cortez, A., Hofmann, R., Jornet, A., Lotz-Sisitka, H., & Markauskaite, L. (Eds.), *Proceedings of the 19th International Conference of the Learning Sciences - ICLS 2025* (pp. 2635-2637). International Society of the Learning Sciences. https://doi.org/10.22318/icls2025.162033

8. Kim, I., & **Kim, C.** (2025, March). Pre-service and In-service Teachers' Online Self-Regulated Learning. In *Society for Information Technology & Teacher Education International Conference (SITE),* pp. 2640-2645. Association for the Advancement of Computing in Education (AACE).

9. **Kim, C.,** Gray, J., Brewer, V., Rahman, M. S., & Panday, S. (2024, June). Escape Rooms in Nursing Education: How GPA, Collaborative Problem Solving, and Gameful Experience are Related. In *Proceedings of the 18th International Conference of the Learning Sciences-ICLS 2024,* pp. 1167-1170. International Society of the Learning Sciences.

10. **Kim, C.,** & Wei, S. (2023). A Scoping Review for Exploring Side Effects of Implementing Chatbots in EFL Classrooms. *Journal of Applied Instructional Design, 13*(2), 3-6. https://doi.org/10.59668/1269.15623

11. **Kim, C.,** Sprenkle, S., & Fulwider, C. (2023). Unveiling the Measurement of Self-efficacy in Game-based Learning. *Journal of Applied Instructional Design, 13*(2), 271-275. https://doi.org/10.59668/1269.156252

Peer-Reviewed Conference Presentations (*n* = 26)

1. **Kim, C.,** Liang, Y., Park, S., & Cardenas, K. (2025, October). NutriQuest: Refining a Game to Promote Healthy Eating Habits. Association for Educational Communications and Technology (AECT). Las Vegas, United States. (in-person)

2. Evans, B., & **Kim, C.** (2025, October). Using Escape Rooms to Prepare Nursing Students as Nurses: A Pilot Study. Association for Educational Communications and Technology (AECT). Las Vegas, U.S.A. (in-person)

3. **Kim, C.** (2025, October). Exploring Nursing Educators' Beliefs and Practices in Using

Escape Rooms: A Case Study. Association for Educational Communications and Technology (AECT). Las Vegas, U.S.A. (in-person)

4. **Kim, C.** (2025, April). Exploring the Roles of Large Language Models in Qualitative Data Analysis. Teaching, Colleges & Community (TCC), Hawaii, U.S.A. (virtual)

5. **Kim, C.,** Park, S. Y., Cardenas, K., & Karabatman, H. A. (2025, April). Assessing the Player Experience of a Serious Game for Mindful and Intuitive Eating. Korean-American Educational Research Association (KAERA), Denver, CO, U.S.A. (in-person)

6. **Kim, C.,** & Paarlberg, T. (2025, April). Co-designing a Scalable Escape Room on Hypovolemia for Nursing Students. Korean-American Educational Research Association (KAERA), Denver, CO, U.S.A. (in-person)

7. **Kim, C.** (2025, April). Gameful Experience of Escape Rooms: Insights from Multidimensional Scaling. American Educational Research Association (AERA), Denver, U.S.A. (in-person) ***Nominated for AERA SIG-IT Best Student Paper Award**

8. Na, H., Staudt Willet, B., & **Kim, C.** (2025, April). When and How to Use Marker-based and Markerless Augmented Reality for Geometric Learning in Classrooms. American Educational Research Association (AERA), Denver, U.S.A. (in-person)

9. Park, S., & **Kim, C.,** (2024, November). NutriQuest: Pioneering Mindful and Intuitive Eating through Game-Based Learning for Young Adults. National Communication Association (NCA). New Orleans, U.S.A. (virtual)

10. **Kim, C.** (2024, October). A Scoping Review of Virtual Escape Rooms in Nursing Education. Association for Educational Communications and Technology (AECT). Kansas City, U.S.A. (virtual)

11. **Kim, C.,** Park, S., Cardenas, K., & May, C. (2024, October). NutriQuest- Designing and Developing a Game to Promote Healthy Eating Habits. Association for Educational Communications and Technology (AECT). Kansas City, U.S.A. (virtual)

12. **Kim, C.,** & Pratt, D. (2024, October). Connecting Pre-service Teachers' Self-reflective Learning Practice and Self-efficacy. Association for Educational Communications and Technology (AECT). Kansas City, U.S.A. (virtual)

13. **Kim, C.,** & Brewer, V. (2024, October). Redesigning Escape Rooms for First-year Nursing Students. Association for Educational Communications and Technology (AECT). Kansas City, U.S.A. (virtual)

14. Na, H., Staudt Willet, B., & **Kim, C.** (2024, October). Learning Geometry through Different Types of Augmented Reality in Classrooms. Association for Educational Communications and Technology (AECT). Kansas City, U.S.A. (virtual)

15. **Kim, C.** (2024, April). A Problem, A Game, or A Toy? – A Conceptual Paper on Puzzle-based Learning. Korean-American Educational Research Association (KAERA), Philadelphia, U.S.A. (in-person)

16. **Kim, C.,** Ji, H., & West, L. (2024, April). Exploring Online Gamified Grammar Training: The Role of In-game and Facilitator Support. American Educational Research Association (AERA), Philadelphia, U.S.A. (in-person)

17. Na, H., Staudt Willet, B., He, D., **Kim, C.,** Shi, H., & Hur, J. (2024, April). Unpacking Discussions of ChatGPT in 20 Education-related Subreddits. American Educational Research Association (AERA), Philadelphia, U.S.A. (in-person)

18. Cardenas, K., May, C., **Kim, C.,** & Park, S. (2024, April). Designing and Developing a Game-based Learning Experience for Healthier Eating. Undergraduate Research Opportunity Program Symposium, Tallahassee, U.S.A. (in-person)

19. Brewers, V., & **Kim, C.** (2024, March). Escape Rooms in Nursing Education. ISLT@50 Conference, Tallahassee, U.S.A. (in-person)

20. **Kim, C.,** Park, S., Cardenas, K., & May, C. (2024, March). Designing and Developing a Game for Healthy Eating Habits. ISLT@50 Conference, Tallahassee, U.S.A. (in-person)
21. **Kim, C.,** & Pratt, D. (2024, March). Are we ready? – Investigating educator's post-pandemic readiness for the transition to online teaching. European Advanced Educational Technology Conference (EAET), Cambridge, United Kingdom. (virtual)
22. Ji, H., **Kim, C.,** & West, L. (2024, March) Exploring the role of facilitator talk moves in online game-based grammar training. European Advanced Educational Technology Conference (EAET), Cambridge, United Kingdom. (virtual)
23. Xu, J., & **Kim, C.** (2023, April). A Pilot Study on Graduate Teaching Assistants Teaching Preparation. American Educational Research Association (AERA), Chicago, U.S.A. (in-person)
24. **Kim, C.** (2022, May). Implementing machine learning to suggest learning methods according to the characteristics of elementary English learners. Educational Information Media Association, Seoul, South Korea (virtual)
25. **Kim, C.** (2021, May). Status of AI technology utilization in English conversation learning applications and implications for elementary English education. Educational Information Media Association, Seoul, South Korea (virtual) ***Winner of Promising Young Scholar Paper Award**
26. **Kim, C.** (2020, October). Case analysis to explore elementary remote class types using a Korean e-learning site. Educational Engineering Association, Seoul, South Korea (virtual) ***Winner of Promising Young Scholar Paper Award**

Honors and Awards (Total: $ 7,381)

2025 Professor Ramkumar Memorial Scholarship, EDM, **$125**
2025 Best Student Paper Award, SIG-Instructional Technology, AERA, **$200**
2024 Top 3 Performing Team (B&C Solutions), Design and Development Competition, AECT, **$378**
2024 D. E. Gordon Endowed Scholarship in Instructional Systems, **$1,000**
2024 3rd Place (Garnet and Gold), Student Competition for Creation of Instructional Resources for the 2021 Instructor Competencies, International Board of Standards for Training, Performance, and Instruction (IBSTPI), **$300**
2023-2024 Undergraduate Research Opportunity Program Best Mentor Award, **Nominated**
2023 Top 3 Performing Team (C&H Solutions), Design and Development Competition, AECT, **$378**
2022 John and Clara McDonald Endowed Fellowship, Florida State University, **$5,000**
2021 Best Student Paper, Graduate School of Education, Sogang University

Travel and Research Grants (Total: $ 9,725)

2025 EDM Society Travel Scholarship, **$375**
2025 Graduate Student Resource Center Travel Grant, Florida State University, **$1,000**
2024-2025 Undergraduate Research Opportunity Program Material Grants, **$500**
2024-2025 Research Showcase Conference Travel Grant, Florida State University, **$2,000**
2024-2025 Python Incubator Program Travel Support Fund, Florida State University, **$1,250**
2024-2025 Educational Psychology and Learning Sciences Travel Grant, Florida State University, **$200**
2024-2025 Congress of Graduate Students Presentation Grant, Florida State University, **$600**

2023-2024 Undergraduate Research Opportunity Program Material Grants, **$500**
2023-2024 Research Showcase Conference Travel Grant, Florida State University, **$2,000**
2023-2024 Instructional Systems and Learning Technologies Travel Grant, Florida State University, **$500**
2023-2024 Educational Psychology and Learning Sciences Travel Grant, Florida State University, **$200**
2023-2024 Congress of Graduate Students Presentation Grant, Florida State University, **$600**

Invited Talks (n = 6)

Guest Lectures
2024 "Rediscovering the Likert Scale"
                          Inquiry and Measurement (EDF5442), Florida State University
2024 "Rapid Prototyping in Instructional Design"
     Introduction to the Systematic Design of Instruction (EME5603), Florida State University
2023 "Games and Motivation"
                          Principles of Learner Motivation (EDP5217), Florida State University

Invited Panels
2025 "The When Before the How: Ethical and Practical Boundaries of AI in Academic Research Writing"
                          Association of Educational Communications and Technology (AECT)
2025 "Gaps between Educational Practices and Research"
                                              Korean EduTech/Learning Sciences
2023 "Conference Engagement"
        Instructional Systems Student Association (ISSA) Workshop, Florida State University

Research Experience Highlight

Principal Investigator
2023-2025, Educational Escape Rooms for Nursing
Partnering with two teaching faculties at the College of Nursing and funded by the Undergraduate Research Opportunity Program at Florida State University, I designed, implemented, and evaluated educational escape rooms that serve as an alternative to high-fidelity clinical simulations. I used learning analytic approaches to investigate the collaborative dynamics and evaluate the impact of design elements.

Principal Investigator
2023-2025, NutriQuest: A Game for Mindful and Intuitive Eating
Partnering with a doctoral student at the College of Communication and funded by Undergraduate Research Opportunity Program at Florida State University, I designed and developed a game for improving young adults' eating behaviors. Grounded on the transtheoretical model of behavior change, the game prompts the players to reflect on their daily dietary behaviors and thus, provide a cause to pursue mindful and intuitive eating.

TEACHING

Graduate Teaching Assistant (2022–present)

Theoretical Foundations of Learning and Instructional Design
[2025 Spring] Theories of Learning Cognition
[2024 Spring] Inquiry and Measurement
[2024 Spring, 2024 Summer] Introduction to the Systematic Design of Instruction
[2023 Fall] Principles of Learner Motivation

Human Resources Development and Training
[2024 Summer, 2024 Fall] Human Resource Development
[2023 Spring] Evaluation of Instruction and Training in HPT
[2023 Fall, 2024 Fall] A Systems Approach to the Management of Change

Designing Technology-enhanced Learning Experiences
[2023 Summer] Trends and Issues in Instructional Design
[2023 Spring, 2025 Spring, 2025 Summer] Mobile Learning
[2022 Fall, 2025 Spring] Design of Online & Digital Adaptive Learning

Mentor (2023–present)

Undergraduate Research Opportunity Program Mentor
Florida State University
2023-2024, Kayla Cardenas, Collin May
NutriQuest: Developing a Game for Healthy Eating Habits
2024-2025, Yusong Liang, Shogo Oviawe
NutriQuest: Developing a Game for Healthy Eating Habits
2024-2025, Brooke Evans, Lana Lipscomb
Escape Rooms for Nursing Residents at Tallahassee Memorial Healthcare

Design and Development Competition Team Mentor
Association of Educational Communications and Technology (AECT)
2025, Ibrahim Akdilek, Md Mamunur Rashid

K–12 Classroom Teacher (2018–2022)

Taught elementary students (K1-5) with a focus on game-based learning and non-violent communication. Integrated *Positive Discipline in the Classroom* through participation in a professional learning community. As a homeroom teacher for 5th grade (2020) and 2nd grade (2021), I led an extracurricular after-school club centered on crafting, puzzles, and hands-on STEM activities to foster creativity and problem-solving skills.

SERVICE

Service to the Profession

Organizational Leadership
2025-2026, **Junior Outreach Chair**

<div align="right">Graduate Student Assembly (GSA)</div>
<div align="right">American Educational Research Association (AERA)</div>

2024-2026, Advocate for Design and Development Division
<div align="right">Graduate Students Assembly (GSA)</div>
<div align="right">Association for Educational Communications and Technology (AECT)</div>

2024-2025, Outreach Chair
<div align="right">International Learning Sciences Students Association (ILSSA)</div>
<div align="right">International Society of Learning Sciences (ISLS)</div>

2024-2025, Communication Committee Member
<div align="right">International Society of Learning Sciences (ISLS)</div>

Journal Article Reviews (n = 20)

Acta Psychologica
American Educational Research Journal
Behavior & Information Technology
BMC Nursing
BMC Psychology
Discover Artificial Intelligence
Discover Education
Frontiers in Education
International Journal of Instruction
Journal of Technology-Integrated Lessons and Teaching
MedEdPublish
Nurse Education in Practice
Nurse Education Today
Simulation & Gaming
The Internet and Higher Education

Conference Proposal Reviews (n = 68)

2025, Artificial Intelligence in Education (AIED)
2023-2025, Association for Educational Communications and Technology (AECT)
2023-2025 American Educational Research Association (AERA)
  Division C – Section 1e: Engineering and Computer Science
  Division C – Section 3a: Learning Environments
  Division C – Section 3b: Technology-based Environments
  SIG - Learning Sciences
  SIG - Instructional Technology
2023-2024, International Conference of the Learning Sciences (ICLS), 2023-2024

<u>Service to the Program</u>
2024-2025, Reporter
<div align="right">Instructional Systems Student Association (ISSA)</div>
<div align="right">Florida State University</div>

2023-2024, Vice president
<div align="right">Instructional Systems Student Association (ISSA)</div>
<div align="right">Florida State University</div>

2022-2023, Treasurer
<div align="right">Instructional Systems Student Association (ISSA)</div>

PROFESSIONAL DEVELOPMENT

2025, Become a Full-Stack Web Developer. LinkedIn Learning.
2024, Google Data Analytics Professional Certificate. Coursera.
2024, Advance Your Skills in Deep Learning and Neural Networks. LinkedIn Learning.
2024, Prepare for Unity Certification. LinkedIn Learning.
2024, LearnLab Summer School (Educational Data Mining Track). Carnegie Mellon University.

PROFESSIONAL AFFILIATIONS

Member, International Society of Learning Science (ISLS), United States
Member, Association for Educational Communications and Technology (AECT), United States
Member, American Educational Research Association (AERA), United States

REFERENCES

Dr. Bret Staudt Willet
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