Jongpil Cheon

Associate Professor of Instructional Technology
Curriculum and Instruction
College of Education
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EDUCATION

2008	**Ed.D.**	**Instructional Design and Technology**
		University of Memphis
2002	**M.A.**	**Computer Education**
		Gyeongin National University of Education, Incheon, South Korea
1992	**B.A.**	**Elementary Education**
		Gyeongin National University of Education, Incheon, South Korea

PROFESSIONAL EXPERIENCES

2014 - present
Associate Professor
Instructional Technology Program, College of Education, Texas Tech University
Director
Center for Innovation in E-Learning, College of Education, Texas Tech University

2008 - 2014
Assistant Professor
Instructional Technology Program, College of Education, Texas Tech University

2009 - 2011
Instructor
Instructional Technology Program, Hanyang Cyber University, Seoul, South Korea

2005 - 2008
Research Assistant
Instructional Design and Technology Program, University of Memphis

Instructor
2000 - 2002   Gyeongin National University of Education, Incheon, South Korea
1993 - 2002   Incheon Education & Science Research Institute, Incheon, South Korea
2000   Teacher Campus (online teacher training center - http://teacher21.co.kr), Seoul, South Korea

1999
Project Manager, The Ministry of Education and Human Resources, South Korea
· Development of an educational software "The Korean music world" with Visual Basic
· Development of an educational software "Learning materials for 2nd grade students" with Flash

1996 - 2002
Technology Coordinator and Network Administrator
Bugok elementary school and Hyosung elementary school, Incheon, Korea

School Teacher
2000 - 2003   Hyosung elementary school, Incheon, South Korea
1996 - 1999   Bugok elementary school, Incheon, South Korea
1992 - 1995   Samsan elementary school, Incheon, South Korea

PUBLICATIONS

Books

Yoon, S., Kim, D., Kim, N., & **Cheon, J.** (2017). *Big Data and Education*. Communication Books, Seoul, South Korea.

Cheon, J., & Crooks, S. M. (2012). *Digital Literacy*. Great River Technologies.

Price, R. V., Crooks, S. M., & **Cheon, J.** (2011). *Computer Skills and Concepts: A Mastery Approach (6th ed.)*. Stipes Publishing.

Crooks, S. M., **Cheon, J.**, & Inan, F. (2009). *Instructional Designer's Workbook*. Covenant Health System.

Lowther, D. L., Grant, M. M., Marvin, E. D., Inan, F. A., **Cheon, J.**, & Clark, F. (2005). *Teacher's technology handbook: A resource to support effective technology integration.* Appalachian Technology in Education Consortium and the University of Memphis.

Book Chapters

Crooks, S. M., & **Cheon, J.** (2013). Strategies for note taking on computer-based graphic organizers. In G. Schraw, M. T. McCrudden, & D. Robinson (Eds.), *Learning through visual displays* (pp. 187-221), Information Age Publishing, Charlotte, NC.

Journal Articles

Moon, H., & **Cheon, J.** (Accepted). An investigation of affective factors influencing computational thinking and problem-solving. *International Journal of Information and Education Technology*.

- o   Impact Factor (JCR): N/A   H-Index (SCImago): 12
- o   SJR (SCImago impact indicator): 0.295   Rank Category (SCImago): Q2
- o   CiteScore (Scopus): 0.3   H-5 Index (Google Scholar): 26

Moon, H., **Cheon, J.**, & Kwon, K. (2022). Difficult concepts and practices of computational thinking using block-based programming. *International Journal of Computer Science Education in Schools, 5*(3), 1–15. https://doi.org/10.21585/ijcses.v5i3.129

- o   A new journal of computer science education (indexed in Google Scholar, ERIC and Crossref)
- o   Impact Factor (JCR): N/A   H-Index (SCImago): N/A
- o   SJR (SCImago impact indicator): N/A   Rank Category (SCImago): N/A
- o   CiteScore (Scopus): N/A   H-5 Index (Google Scholar): N/A

Moon, H., **Cheon, J.**, Lee, J., Banda, D. R., Griffin-Shirley, N., & Ajuwon, P. M. (2022). Factors influencing the intention of persons with visual impairment to adopt mobile applications based on the UTAUT model. *Universal Access in the Information Society, 21*(1), 93-107. https://doi.org/10.1007/s10209-020-00757-0

- o   Impact Factor (JCR): 3.078   H-Index (SCImago): 42
- o   SJR (SCImago impact indicator): 0.492   Rank Category (SCImago): Q1
- o   CiteScore (Scopus): 4.9   H-5 Index (Google Scholar): 35

Cheon, J., Cheng, J., & Cho, M. H. (2021). Validation of the online learning readiness self-check survey. *Distance Education, 42*(4), 599-619. https://doi.org/10.1080/01587919.2021.1986370

- o   Impact Factor (JCR): 2.952   H-Index (SCImago): 52
- o   SJR (SCImago impact indicator): 1.456   Rank Category (SCImago): Q1
- o   CiteScore (Scopus): 4.7   H-5 Index (Google Scholar): 32

Kwon, K., **Cheon, J.**, & Moon, H. (2021). Levels of problem-solving competency identified through Bebras computing challenge. *Education and Information Technologies, 26*(5)*,* 5477-5498. https://doi.org/10.1007/s10639-021-10553-9.

- o Impact Factor (JCR): 2.917
- o SJR (SCImago impact indicator): 0.919
- o CiteScore (Scopus): 5.4
- H-Index (SCImago): 41
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 52

Shin, S., **Cheon, J.**, & Shin, S. (2021). Teachers' perceptions of first-year implementation of computer science curriculum in middle school: How we can support CS initiatives. *Computers in the schools, 38*(2), 98-124. https://doi.org/10.1080/07380569.2021.1911540

- o Impact Factor (JCR): N/A
- o SJR (SCImago impact indicator): 0.524
- o CiteScore (Scopus): 2.1
- H-Index (SCImago): 26
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): N/A

Cho, M. H., **Cheon, J.**, & Lim, S. (2021). Preservice teachers' motivation profiles, self-regulation, and affective outcomes in online learning. *Distance Education, 42(1),* 37-54. https://doi.org/10.1080/01587919.2020.1869528

- o Impact Factor (JCR): 2.952
- o SJR (SCImago impact indicator): 1.456
- o CiteScore (Scopus): 4.7
- H-Index (SCImago): 52
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 32

Chung, S., & **Cheon, J.** (2020). Emotional design of multimedia learning using background images with motivational cues. *Journal of Computer Assisted Learning, 36*(6), 922-932. https://doi.org/10.1111/jcal.12450

- o Impact Factor (JCR): 3.862
- o SJR (SCImago impact indicator): 1.583
- o CiteScore (Scopus): 5.9
- H-Index (SCImago): 93
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 43

Cheon, J., Shin, S., & Crooks, S. M. (2019). Design and implementation of the sex and gender specific health multimedia case-based learning modules. *International Journal of Designs for Learning, 10*(1), 166-176.

- o A journal focusing on instructional design and development cases
- o Impact Factor (JCR): N/A
- o SJR (SCImago impact indicator): N/A
- o CiteScore (Scopus): N/A
- H-Index (SCImago): N/A
- Rank Category (SCImago): N/A
- H-5 Index (Google Scholar): 11

Casanova, R., Miller, V., **Cheon, J.**, Gilmore, L., Barron, R., Cannaday, R., Case, G., Digre, K., Jensen, J., McGregor, A. J., Pippitt, K., Davidge-Pitts, C., Pomeroy, B., Webster, D., & Jenkins, M. (2019). Field test results of sex-and gender-specific health multimedia case-based learning modules. *Journal of Women's Health, 28*(12), 1755-1761. https://doi.org/10.1089/jwh.2018.7504

- o Impact Factor (JCR): 2.681
- o SJR (SCImago impact indicator): 1.195
- o CiteScore (Scopus): 2.2
- H-Index (SCImago): 98
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 42

Kwon, K., & **Cheon, J.** (2019). Exploring problem decomposition and program development through block-based programs. *International Journal of Computer Science Education in Schools, 3*(1), 3-16. https://doi.org/10.21585/ijcses.v3i1.54

- o A new journal of computer science education (indexed in Google Scholar, ERIC and Crossref)

- Impact Factor (JCR): N/A   H-Index (SCImago): N/A
- SJR (SCImago impact indicator): N/A   Rank Category (SCImago): N/A
- CiteScore (Scopus): N/A   H-5 Index (Google Scholar): N/A

Shin, S., **Cheon, J.** (2019). Assuring student satisfaction of online education: A search for core course design element. *International Journal on E-Learning, 18*(2), 147-164. https://www.learntechlib.org/primary/p/178238/

- Impact Factor (JCR): N/A   H-Index (SCImago): 11
- SJR (SCImago impact indicator): 0.237   Rank Category (SCImago): Q3
- CiteScore (Scopus): 1.2   H-5 Index (Google Scholar): 13

Griffin-Shirley, N., Banda, D. R., Ajuwon, P. M., **Cheon, J.**, Lee, J., Park, H., & Lyngdoh, S. (2017). A survey on the use of mobile applications for people who are visually impaired. *Journal of Visual Impairment and Blindness, 111(14),* 307-323. https://doi.org/10.1177/0145482X1711100402

- Impact Factor (JCR): N/A   H-Index (SCImago): 41
- SJR (SCImago impact indicator, 2020): 0.36   Rank Category (SCImago): Q3
- CiteScore (Scopus): 1.2   H-5 Index (Google Scholar): 17

Cox, C. D., Samuel, N. G., & **Cheon, J.** (2017). Use of an innovative interprofessional mini-series movie to train preceptors. *Innovations in Pharmacy*, *8*(2), 1-9. https://doi.org/10.24926/iip.v8i2.522

- A open-access journal indexed at US National Library of Medicine – National Institute of Health
- Impact Factor (JCR): N/A   H-Index (SCImago): N/A
- SJR (SCImago impact indicator): N/A   Rank Category (SCImago): N/A
- CiteScore (Scopus): N/A   H-5 Index (Google Scholar): 13

Cox, C. D., **Cheon, J.**, Crooks, S. M., Lee, J., & Curtis, J. D. (2017). Use of entertainment elements in an online video mini-series to train pharmacy preceptors. *American Journal of Pharmaceutical Education, 81*(1), 1-12. https://doi.org/10.5688/ajpe81112

- Impact Factor (JCR): N/A   H-Index (SCImago): 63
- SJR (SCImago impact indicator, 2020): 0.796   Rank Category (SCImago): Q1
- CiteScore (Scopus): 2.4   H-5 Index (Google Scholar): 37

Crooks, S. M., **Cheon, J.**, Casanova, R., & Jenkins, M. (2016). Instructional design framework for the sex and gender specific health (SGSH) multimedia case-based learning modules (MCBLM). *Biology of Sex Differences*. 7(49), 37-42. https://doi.org/10.1186/s13293-016-0095-5

- Impact Factor (JCR): N/A   H-Index (SCImago): 39
- SJR (SCImago impact indicator, 2020): 1.782   Rank Category (SCImago): Q1
- CiteScore (Scopus): 6.2   H-5 Index (Google Scholar): 35

Chung, S., **Cheon, J.**, & Lee, K. (2015). Emotion and multimedia learning: An investigation of the effects of valence and arousal on different modalities in an instructional animation. *Instructional Science*. *43*(5), 545-559. https://doi.org/10.1007/s11251-015-9352-y

- Impact Factor (JCR): 2.620   H-Index (SCImago): 75
- SJR (SCImago impact indicator): 1.204   Rank Category (SCImago): Q1
- CiteScore (Scopus): 4.8   H-5 Index (Google Scholar): 27

Cheon, J., Chung, S., Song, J., & Kim, Y. (2015). An investigation of the effects of a graphical organizer in an online serious game on learning outcomes and attitudinal perceptions. *Interactive Learning Environment. 23*(4), 437-452. https://doi.org/10.1080/10494820.2013.788030

- o Impact Factor (JCR): 3.928
- o SJR (SCImago impact indicator): 0.919
- o CiteScore (Scopus): 5.1

H-Index (SCImago): 44
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 47

Cheon, J., Chung, S., & Lee, S. (2015). The roles of attitudinal perceptions and cognitive achievements in a serious game. *Journal of Educational Computing Research. 52*(1), 3-25. https://doi.org/10.1177/0735633114568851

- o Impact Factor (JCR): 3.088
- o SJR (SCImago impact indicator): 1.05
- o CiteScore (Scopus): 5

H-Index (SCImago): 60
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 39

Inan, F., Crooks, S. M., **Cheon, J.**, Ari, F., Kurucay, M., & Paniukov, D. (2015). The reverse modality effect: Examining student learning from an interactive computer-based Instruction. *British Journal of Educational Technology, 46, 123-130.* https://doi.org/10.1111/bjet.12129

- o Impact Factor (JCR): 4.929
- o SJR (SCImago impact indicator): 1.79
- o CiteScore (Scopus): 7.6

H-Index (SCImago): 95
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 62

Ari, F., Flores, R., Inan, F., **Cheon, J.**, Crooks, S., Panyukov, D., & Kurucay, M. (2014) The effects of verbally redundant information on student learning: An instance of reverse redundancy. *Computers & Education, 76,* 199-204. https://doi.org/10.1016/j.compedu.2014.04.002

- o Impact Factor (JCR): 8.538
- o SJR (SCImago impact indicator): 3.026
- o CiteScore (Scopus): 14.4

H-Index (SCImago): 179
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 109

Lim, S., Lee, Y., **Cheon, J.**, Min, M., & Wang, W. (2014). User-defined consistency sensitive cache invalidation strategies for wireless data access. *Computer Communications, 41,* 55-66. https://doi.org/10.1016/j.comcom.2013.12.006

- o Impact Factor (JCR): 3.167
- o SJR (SCImago impact indicator, 2020): 0.627
- o CiteScore (Scopus): 5.5

H-Index (SCImago): 105
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 59

Cheon, J., Chung, S., Crooks, S. M., Song, J., & Kim, J. (2014). An investigation of the effects of different types of activities during pauses in a segmented instructional animation. *Journal of Educational Technology and Society, 17*(2), 296-306. http://www.jstor.org/stable/jeductechsoci.17.2.296

- o Impact Factor (JCR): 3.522
- o SJR (SCImago impact indicator): 1.448
- o CiteScore (Scopus): 7.2

H-Index (SCImago): 88
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 54

Cheon, J., Crooks, S. M., & Chung, S. (2014). Does segmenting principle counteract modality principle in instructional animation? *British Journal of Educational Technology, 45*(1), 56-64. https://doi.org/10.1111/bjet.13097

- o Impact Factor (JCR): 4.929
- o SJR (SCImago impact indicator): 1.79
- o CiteScore (Scopus): 7.6

H-Index (SCImago): 95
Rank Category (SCImago): Q1
H-5 Index (Google Scholar): 62

Cheon, J., Lee, S., Smith, W. S., Song, J., & Kim, Y. (2013). The determination of children's knowledge of global lunar patterns from online essay using text mining analysis. *Research in Science Education, 43*(2), 667-686. https://doi.org/10.1007/s11165-012-9282-5

- Impact Factor (JCR): 5.439
- SJR (SCImago impact indicator, 2020): 1.214
- CiteScore (Scopus): 4.7
- H-Index (SCImago): 53
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 34

Cheon, J., & Grant, M. M. (2012). The effects of metaphorical interface on germane cognitive load in web-based instruction. *Educational Technology Research and Development, 60*(3), 399-420. https://www.jstor.org/stable/41488591

- Impact Factor (JCR): 3.565
- SJR (SCImago impact indicator): 1.346
- CiteScore (Scopus): 5
- H-Index (SCImago): 90
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 47

Cheon, J., Lee, S., Crooks, S. M., & Song, J. (2012). An investigation of mobile learning readiness in higher education based on theory of planned behavior. *Computers & Education, 59*(3), 1054-1064. https://doi.org/10.1016/j.compedu.2012.04.015

- Impact Factor (JCR): 8.538
- SJR (SCImago impact indicator): 3.026
- CiteScore (Scopus): 14.4
- H-Index (SCImago): 179
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 109

Crooks, S. M., **Cheon, J.**, Inan, F., Ari, F., & Flores, R. (2012). Modality and Cueing in Multimedia Learning: Examining Cognitive and Perceptual Explanations for the Modality Effect. *Computers in Human Behavior, 28*(3), 1063-1071. https://doi.org/10.1016/j.chb.2012.01.010

- Impact Factor (JCR): 6.829
- SJR (SCImago impact indicator): 2.108
- CiteScore (Scopus): 13.8
- H-Index (SCImago): 178
- Rank Category (SCImago): Q1
- H-5 Index (Google Scholar): 155

Cheon, J., & Grant, M. M. (2012). Examining the relationships of different cognitive load types related to user interface in web-based instruction. *Journal of Interactive Learning Research, 23*(1), 27-55. https://www.jstor.org/stable/41488591

- Impact Factor (JCR): N/A
- SJR (SCImago impact indicator): 0.262
- CiteScore (Scopus): 0.9
- H-Index (SCImago): 25
- Rank Category (SCImago): Q3
- H-5 Index (Google Scholar): 12

Cheon, J., Coward, F., Song, J., & Lim, S. (2012). Factors predicting pre-service teachers' adoption of web 2.0 technologies. *Research in the Schools, 19*(2), 17-29.

- This journal was discontinued in 2018
- Impact Factor (JCR): N/A
- SJR (SCImago impact indicator): N/A
- CiteScore (Scopus): N/A
- H-Index (SCImago): N/A
- Rank Category (SCImago): N/A
- H-5 Index (Google Scholar): N/A

Smith, W. S., **Cheon, J.**, Jabri, F., Reynolds, S., & Zebedi, A. (2012). Connecting children internationally for science instruction: Using the internet to support learning about lunar phases. *Educational Research and Reviews, 7*(25), 526-532. https://doi.org/10.5897/ERR12.006

- Impact Factor (JCR): N/A
- SJR (SCImago impact indicator, 2014): 0.164
- CiteScore (Scopus): N/A
- H-Index (SCImago): 14
- Rank Category (SCImago): N/A
- H-5 Index (Google Scholar): 23

Kim, S., **Cheon, J.**, Han, S., & Kim, H. (2011). Examining differences of users' perceptions of multimedia content types in national online learning system. *The Asia-Pacific Education Researcher, 20*(3), 621-628.

- o   Impact Factor (JCR): 2.409   H-Index (SCImago): 26
- o   SJR (SCImago impact indicator): 0.525   Rank Category (SCImago): Q1
- o   CiteScore (Scopus): 2.4   H-5 Index (Google Scholar): 27

Cheon, J., Crooks, S. M., Inan, F., Flores, R., & Ari, F. (2011). Exploring the instructional conditions for a reverse modality effect in multimedia instruction. *Journal of Educational Multimedia and Hypermedia, 20*(2), 117-133. https://www.learntechlib.org/primary/p/36045/

- o   Impact Factor (JCR): N/A   H-Index (SCImago): 7
- o   SJR (SCImago impact indicator): 0.226   Rank Category (SCImago): Q4
- o   CiteScore (Scopus): 1.1   H-5 Index (Google Scholar): 11

Moberly, M. D., & **Cheon, J.** (2011). Enterprise security. *Intellectual Asset Management Magazine, 45,* 66-72. https://www.iam-media.com/enterprise-security

- o   A professional magazine about intellectual property. This article was reviewed by the editorial board.
- o   Impact Factor (JCR): N/A   H-Index (SCImago): N/A
- o   SJR (SCImago impact indicator): N/A   Rank Category (SCImago): N/A
- o   CiteScore (Scopus): N/A   H-5 Index (Google Scholar): N/A

Cheon, J., Song, J., Jones, D. R., & Nam, K. (2010). Influencing pre-service teachers' intention to adopt web 2.0 services. *Journal of Digital Learning in Teacher Education*, *27*(2), 53-64. https://doi.org/10.1080/21532974.2010.10784658

- o   Impact Factor (JCR): N/A   H-Index (SCImago): 20
- o   SJR (SCImago impact indicator): 0.576   Rank Category (SCImago): Q2
- o   CiteScore (Scopus): 2.6   H-5 Index (Google Scholar): 19

Cheon, J., & Grant, M. M. (2009). Active listening: Web-based assessment tool for communication and active listening skill development. *Tech Trends, 53*(6), 24-32. https://doi.org/10.1007/s11528-009-0340-4

- o   Impact Factor (JCR): N/A   H-Index (SCImago): 38
- o   SJR (SCImago impact indicator): 0.524   Rank Category (SCImago): Q2
- o   CiteScore (Scopus): 2.6   H-5 Index (Google Scholar): 41

Cheon, J., & Grant, M. M. (2009). Are pretty interfaces worth the time? The effects of user interface types on Web-based instruction. *Journal of Interactive Learning Research, 20*(1), 5-33.

- o   Impact Factor (JCR): N/A   H-Index (SCImago): 25
- o   SJR (SCImago impact indicator): 0.262   Rank Category (SCImago): Q3
- o   CiteScore (Scopus): 0.9   H-5 Index (Google Scholar): 12

Moberly, M. D., & **Cheon, J.** (2009). Use intangible assets to weather the financial crisis. *Intellectual Asset Management Magazine, 33.* 14-18. https://www.iam-media.com/use-intangible-assets-weather-financial-crisis

- o   A professional magazine about intellectual property. This article was reviewed by the editorial board.
- o   Impact Factor (JCR): N/A   H-Index (SCImago): N/A
- o   SJR (SCImago impact indicator): N/A   Rank Category (SCImago): N/A
- o   CiteScore (Scopus): N/A   H-5 Index (Google Scholar): N/A

Grant, M. M., & **Cheon, J.** (2007). The value of using synchronous conferencing for instruction and students. *Journal of Interactive Online Learning, 6*(3), 211-226.

- o Impact Factor (JCR): N/A
- o SJR (SCImago impact indicator): 0.242
- o CiteScore (Scopus): N/A
- H-Index (SCImago): 35
- Rank Category (SCImago): Q3
- H-5 Index (Google Scholar): N/A

Conference Publications

Park, E., & Cheon, J. (2022). Characteristics of high and low performing students' computational thinking facets based on structural topic modeling. In E. Langran (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference,* 61-66.

Huang, M., Fan, R., Park, E., & Cheon, J. (2022). Exploring instructional strategies for computational thinking concepts and practices in higher education. In E. Langran (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference,* 16-21.

Moon, H., Kim, S., Lee, J., & Cheon, J. (2021). Examination of change in perception toward virtual medical education after Covid-19 pandemic in the U.S. using Twitter data. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2021*(1), 172-180.

Moon, H., & Cheon, J. (2021). Are affective factors a good predictor of computational thinking? Examining the role of affective factors based on a conceptual model. In E. Langran & L. Archambault (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference,* 47-52.

Cheng, J. & Cheon, J. (2021). A descriptive study of student teachers' use of an online learning readiness self-check system. In E. Langran & L. Archambault (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference,* 127-132.

Moon, H., Cheon, J., Kelly, D., & Lee, J. (2020). Comparison of the effects of two approaches to teaching conditionals with block-based programming in an online environment. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2020*(1), 223-227.

Moon, H., Cheon, J., & Lee, J. (2020). Teaching block-based programming: A systematic review of current approaches and outcomes. *Proceeding of Society for Information Technology & Teacher Education International Conference, 2020*(1), 73-78.

Cheng, J., Cheon, J., & Cho, M. (2020). An exploratory study of pre-service teachers' readiness for online learning. *Proceeding of Society for Information Technology & Teacher Education International Conference, 2020*(1), 238-242.

Arslan, O., Inan, F., & Cheng, J. (2020). Design and development of a web-based instruction for professional development in higher education. *Proceeding of Society for Information Technology & Teacher Education International Conference, 2020*(1), 216-225.

Moon, H., Cheon, J., & Kwon, K. (2019). Exploring patterns and challenges of computational thinking (CT) practices. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2019*(1), 156-161.

Nguyen, D, & Cheon, J. (2019). Teacher candidate students' perception toward online course quality. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2019*(1), 186-191.

Moon, H., Cheon, J., Han, S. (2019). Examining the difficulties of computational concepts and practices undergraduates encounter in an online learning environment. *Proceeding of Society for Information Technology & Teacher Education International Conference, 2019*(1), 310-315.

Shin, S., Cheon, J., & Shin, S. (2017). Teacher perceptions of adaptation of the new computer science (CS) curriculum: An evaluation of CS curriculum implementation. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2017*(1), 72-79.

Chung, S., Cheon, J., Diordieva, C., & Wang, J. (2015). The application of the segmenting principle: The effects of pause time and types in instructional animations. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2015*(1), 54-57.

Wang, J., Cheon, J., Hamman, D., & Han, S. (2015). Identifying the relationship among teachers' perceptions and the use of interactive whiteboard and students' learning performance. *Proceeding of Society for Information Technology & Teacher Education International Conference, 2015*, 3475-3482.

Alzahrani, A., & Cheon, J. (2015). The effect of instructors' technological pedagogical and content knowledge (TPACK) on online courses. *Proceeding of Society for Information Technology & Teacher Education International Conference, 2015*, 3044-3049.

Cheon, J., Chung, S., & Crooks, S. M. (2014). Meaningful stimulus for a segmented instructional animation: Reflection versus Prediction. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2014*(2), 237-240.

Chung, S., Lee, K & Cheon, J. (2014). Examining the role of emotion in public health education using multimedia. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2014*(1), 48-52.

Phan, V., Cheon, J. & Jerbi, M. (2014). Personalization principle in multimedia learning: Do narrators' accents matter? In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2014* (pp. 2937-2939).

Chung, S., Cheon, J., & Crooks, S. M. (2013). How learners' valence and arousal influence learning outcomes in an instructional animation? *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2013*(1), 35-39.

Phan V., & Cheon, J. (2013). Multimedia presentation: The impacts of background music and sound effects on space science concept learning. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2013*(1), 162-165.

Case, E., Crooks, S. M., & Cheon, J. (2012). Linear vs. spatial discussion formats for online courses. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2012*(1), 51-55.

Chung, S., Cheon, J., Lim, S., & Son, H. (2012). The interaction effect between emotional valence and arousal on online learning from a motivated cognition perspective. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2012*(1), 56-59.

Cheon, J., Crooks, S. M., Chung, S., & Lim, S. (2012). Does the segmenting principle counteract the modality principle in multimedia instruction? *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2012*(2), 225-229.

Cheon, J., Crooks, S., Chen, X., & Song, J. (2011). An investigation of mobile learning readiness and design considerations for higher education. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2011*(1), 43-49.

Paniukov, D., Cheon, J., & Crooks, S. (2011). Employing multimedia software to address common misconceptions in astronomy education: Recognizing lunar patterns and shapes from different vantage points on the earth. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2011*(2), 429-433.

Cheon, J., Crooks, S., Inan, F., Flores, R., & Ari, F. (2010). Reverse modality effects on spatial knowledge instruction: When reading is better than listening. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2010*(1), 13-16.

Chung, S., & Cheon, J. (2010). The effects of post organizers in game-based learning. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2010*(1), 17-20.

Han, N., Cheon, J., & Chung, S. (2010). The effects of two factors on asynchronous discussion in an online course: Types of discussion activities and discussion leaders. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2010*(1), 65-68.

Crooks, S., Inan, F., Cheon, J., Ari, F., & Flores, R., (2009). When text should be seen and not heard: An instance of the reverse modality effect in multimedia learning. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2009*(1), 91-93.

Cheon, J. & Grant, M. M. (2008). A cognitive load approach to metaphorical interface design: Reconsidering theoretical frameworks. *Proceedings of Society for Information Technology and Teacher Education International Conference, 2008*(1), 1054-1059.

Lee, Y., Cheon, J. & Key, S. (2008). Learners' perceptions of video games for second/foreign language learning. *Proceedings of Society for Information Technology and Teacher Education International Conference, 2008*(1), 1733-1738.

Cheon, J., & Grant, M. M. (2007). Do flashy interfaces help? Comparing learning efficiency of different interface types based on cognitive load theory. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2007*(1), 50-54.

Cheon, J., & Grant, M. M. (2006). Developing learning content markup language (LCML) for personalized instruction in the adaptive learning system. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2006*(1), 47-50.

Cheon, J., & Grant, M. M. (2005). Design of individualized instruction with learning objects using case-based reasoning. *Proceeding of the Annual Convention of the Association for Educational Communications and Technology, 2005*(1), 152-154.

Cheon, J., Lee, C., & Han, S. (2002). Development and implementation of web-based teaching-learning unit system. *Proceeding of the World conference on Educational Multimedia, Hypermedia & Telecommunications, 2002*(1), 297-299.

Cheon, J., Paek, J., Lee, C., & Han, S. (2002). Automated lesson planner system for ICT Education. *Proceeding of the International Conference on Computers in Education (ICCE)*, 485-489

Cheon, J., Paek, J., Lee, C., & Han, S. (2002). Effective analysis of on-line lesson planner system using ICT. *Proceeding of the international conference of Korea Society for Educational Technology, 2002*, 123-135.

Invited Talks Presentations

Cheon, J. (2021, October). Online education in post-pandemic era. The 21st International Conference on Education Research, Seoul, South Korea.

Cheon, J. (2021, October). Metaverse in education: Applications and issues. 2021 Annual Seminar of Korean Association of Artificial Intelligence Education, Seoul, South Korea.

Cheon, J. (2020, October). The state of AI education in K-12 in the United States. Annual Conference of Korean Association of Artificial Intelligence Education, Seoul, South Korea.

Cheon, J. (2020, August). Transforming with technology: The power of thinking. Certified Public Manager Program, Texas Tech University.

Cheon, J. (2019, February). Transforming with technology: The power of thinking. Certified Public Manager Program, Texas Tech University.

Kwon, K., & Cheon, J. (2018, October). Evaluation of computational thinking: Reveal students' misconceptions. International Science, Mathematics, and Technology Education Conference, Bangkok, Thailand.

Cheon, J. (2018, May). Quality of online education framework development. International Conference of Educational Technology, South Korea.

Cheon, J. (2018, May) Personalized learning video case library with 360 degree video and virtual reality. International Conference of Educational Technology, South Korea.

Cheon, J. (2016, June) Let's program it. Summer STEM Camp, Texas Tech University.

Cheon, J. (2015, December). Creative software education with SNAP. Kyungsung University, South Korea.

Cheon, J. (2015, December). Creative software education. Kyungsung University, South Korea.

Cheon, J. (2015, December). Computational thinking and software education. Gyeongin National University of Education, South Korea.

Cheon, J. (2014, December). American education: Two sides of the same coin. Inha University. Incheon, South Korea.

Cheon, J., & Chung, S. (2013, June). Scratch: learning by programming. 4th Annual Conference of Middle School Math and Science Degree Program, Texas Tech University.

Cheon, J., & Crooks, S. (2013, April). Technology application in ultrasound curriculum. Texas Tech Health Sciences Center.

Cheon, J. (2013, April). Applying theory to practice: Instructional design and development for real clients. Educational Psychology Department, University of Connecticut, CT.

Cheon, J. (2012, April). Mobile learning ideas and options. Teaching, Learning & Professional Development Center, Texas Tech University.

Cheon, J. (2011, October). Mobile teaching and learning in higher education. Teaching, Learning & Professional Development Center, Texas Tech University.

Cheon, J., & Inan, F. (2010, March). How to facilitate online instruction. Education Graduate Student Organization, College of Education, Texas Tech University.

Cheon, J., & Han, N. (2010, March). Wiki for online collaborative learning. College of Education Research Conference, Texas Tech University.

Cheon, J. (2009, October). Journey to pedagogy 2.0: Google apps to Second Life. College of Education Research Conference, Texas Tech University.

Crooks, S., Cheon, J., & Inan, F. (2009, August). Instructional design for health system. Covenant Health System. Lubbock, TX.

Conference Presentations

Park, E., & Cheon, J. (2022, April). Characteristics of high and low performing students' computational thinking facets based on structural topic modeling. Paper presented at the International Conference of the Society for Information Technology & Teacher Education, San Diego, CA.

Huang, M., Fan, X., Park, E., & Cheon, J. (2022, April). Exploring instructional strategies for computational thinking concepts and practices in higher education. Paper presented at the International Conference of the Society for Information Technology & Teacher Education, San Diego, CA.

Moon, H., & Cheon, J. (2021, November). The effects of inductive instructional approaches on challenging computational competencies. Paper presented at the international convention of Association for Educational Communications and Technology, Chicago, IL & Virtual.

Cheng, J., Cheon, J., & Cho, M. (2021, November). Prospect non-traditional online learners' readiness for online learning. Paper presented at the international convention of Association for Educational Communications and Technology, Chicago, IL & Virtual.

Moon, H., Kim, S., Lee, J., & Cheon, J. (2021, November). Examination of change in perception toward virtual medical education after Covid-19 pandemic in the U.S. using Twitter data. Paper presented at the international convention of Association for Educational Communications and Technology, Chicago, IL & Virtual.

Park, E., & Cheon, J. (2021, October). Demonstration of a K-12 online teaching 101 training for pre-service teachers with the Quality of Online Education (QOE) framework. Paper presented at the Society for Information Technology & Teacher Education 2021 Interactive, Online.

Moon, H. & Cheon, J. (2021, March). Are affective factors a good predictor of computational thinking? Examining the role of affective factors based on a conceptual model. Paper presented at the International Conference of Society for Information Technology & Teacher Education, Online.

Cheng, J. & Cheon, J. (2021. March). A Descriptive study of student teachers' use of an online learning readiness self-check system. Paper presented at the International Conference of the Society for Information Technology & Teacher Education, Online.

Kwon, K., Cheon, J., & Moon, H. (2020, November). Evaluation of computational thinking (CT) through Bebras challenge. Poster presented at the annual convention of Association for Educational Communications and Technology, Online.

Cheng, J., & Cheon, J. (2020, November). Tips and challenges from students taking online courses. Paper presented at the annual convention of Association for Educational Communications and Technology, Online.

Moon, H., Cheon, J., Kelly, D. P., & Lee, J. (2020, November). Comparison of the effects of two teaching approaches on the learning of conditionals with block-based programming in an online environment. Paper presented at the annual convention of Association for Educational Communications and Technology, Online.

Cho, M., Cheon, J. & Lim, S. (2020, April) Preservice teachers' motivation levels, self-regulation, and affective learning outcomes in online learning. Paper accepted at the annual convention of the American Educational Research Association, San Francisco, CA (Conference Canceled)

Moon, H., Cheon, J. & Kwon, K. (2020, April) An exploration of the role of affective factors on computational thinking and problem solving. Paper accepted at the annual convention of the American Educational Research Association, San Francisco, CA (Conference Canceled)

Cheng, J., Cheon, J., & Cho, M. (2020, April). An exploratory study of pre-service teachers' readiness for online learning. Paper presented at the Society for Information Technology & Teacher Education International Conference, Online.

Moon, H., Cheon, J., & Lee, J. (2020, April). Teaching block-based programming: A systematic review of current approaches and outcomes. Paper presented at the Society for Information Technology & Teacher Education International Conference, Online.

Moon, H. & Cheon, J. (2020, February). Teaching block-based programming: A systematic review of current approaches and outcomes. Paper presented at the annual meeting of the Southwest Educational Research Association, Arlington, TX.

Cheon, J. (2019, November). Computational thinking (CT) in K-12: Can we identify and improve CT? Paper presented at the Korean Computer Scientists and Engineers Association (KOCSEA) Technical Symposium, Atlanta, GA.

Moon, H., Cheon, J., & Kwon, K. (2019, October). Exploring undergraduate students' patterns and challenges of computational thinking (CT) practice in an online environment. Paper presented at the annual convention of Association for Educational Communications and Technology, Las Vegas, NV.

Nguyen, D, & Cheon, J. (2019, October). Teacher candidate students' perception toward online course quality. Paper presented at the annual convention of Association for Educational Communications and Technology, Las Vegas, NV.

Cheon, J., & Solis, A. (2019, April). Enhancing the level of instruction with partners. 2019 Regional Engaged Scholarship Symposium, Texas Tech University.

Kwon, G., Cheon, J., & Yang, D. (2019, April). After-school coding club: What students learned and how teachers should teach. Paper presented at the annual convention of the American Educational Research Association, Toronto, Canada.

Moon, H., Cheon, J., Lee, J., Banda, D., Griffin-Shirely, N., & Ajuwon, P. M. (2019, April). Factors influencing visually impaired users' intention to adopt mobile applications based on the united theory of acceptance and use of technology model. Paper presented at the annual convention of the American Educational Research Association, Toronto, Canada.

Solis, A., Cheon, J., Moon, H., & Nguyen, D. (2019, March). Quality online course development with the QOE framework. Paper presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Nguyen, D, Cheon, J., & Solis, A. (2019, March). Instructors' and students' perception toward online course quality based on quality online education (QOE) framework. Paper presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Moon, H., Cheon, J., & Han, S. (2019, March). Examining the difficulties of computational concepts and practices undergraduates encounter in an online learning environment. Paper presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Moon, H. & Cheon, J. (2019, February). Exploring instructional interventions to increase the understanding of computational thinking concepts in an online learning environment. Paper presented at the annual meeting of the Southwest Educational Research Association, San Antonio, TX.

Moon, H., Cheon, J., Lee, J., Banda, D., Griffin-Shirely, N., & Ajuwon, P. M. (2018, October). Factors influencing visually impaired users' intention to adopt mobile applications based on the UTAUT model. Paper presented at the annual convention of Association for Educational Communications and Technology, Kansas City, MO.

Moon, H., Shin, S., & Cheon, J. (2017, November). Teacher candidate's perceptions towards an online personalized learning teacher education program, Paper presented at the annual convention of Association for Educational Communications and Technology, Jacksonville, FL.

Cheon, J., Shin, S., Shin, S., Moon, H., & Nguyen, D. (2017, November). Let's see what students see: Using immersive 360 ° virtual reality to enhance teacher education, Showcase presented at the annual convention of Association for Educational Communications and Technology, Jacksonville, FL.

Shin, S., Cheon, J., & Shin, S. (2017, November). Teacher perceptions of the adaptation and implementation of the new computer science (CS) curriculum: An evaluation of CS curriculum implementation. Paper presented at the Annual Convention of the Association for Educational Communications and Technology. Jacksonville, FL.

Shin, S., Cheon, J., & Shin, S. (2017, November). Implementing CS curriculum in K-12: Teachers' needs, challenges, and professional development. Paper presented at the Annual Convention of the Association for Educational Communications and Technology. Jacksonville, FL.

Kim, M., Shin, S., Cheon, J., & Solis, A. (2017, November). What matters to students for quality online learning experience in higher education institutions? Paper presented at the annual convention of Association for Educational Communications and Technology, Jacksonville, FL.

Cheon, J., Shin, S., & Nguen, D. N. (2017, November). Investigating the use of computer-supported collaborative learning in the online environment. Paper presented at the annual convention of Association for Educational Communications and Technology, Jacksonville, FL.

Smith, W., Davis, N., Playton., S., Cheon, J., (2017, September). What can be taught in global astronomy education. Paper presented at the regional conference of South West Association of Science Teacher Education, Waco, TX

Shin, S., Cheon, J. (2017, April). Assuring the quality of online education: a search for core course design elements. Paper presented at the annual convention of the American Educational Research Association, San Antonio, TX.

Yoon, S., Kim, N., Cheon, J., & Kim, D. (2016, October). Emerging research issues in instructional technology. Paper presented at the annual convention of the Association for Educational Communications and Technology, Las Vegas, NV.

Shin, S., Cheon, J., Dao, D., & Nguyen, D. N. (2016, October). QM course evaluation. Paper presented at the annual convention of the Association for Educational Communications and Technology, Las Vegas, NV.

Shin, S., Cheon, J., Wang, J., & Crooks, S. (2016, October). Interactive whiteboards in the classroom: Then, now and beyond. Paper presented at the annual convention of the Association for Educational Communications and Technology, Las Vegas, NV.

Kim, D., Cheon, J., Yoon, S., & Kim, N. (2016, October). Using data mining to analyze students' pre-class online learning in flipped classroom environment. Paper presented at the annual convention of the Association for Educational Communications and Technology, Las Vegas, NV.

Park, H., Griffin-Shirley, N., Ajuwon, P., Banda, D., Cheon, J., & Lee, J. (2016, August). Use of mobile applications for people who are visually impaired. World Congress on Special Needs Education Conference, Philadelphia, PA.

Cheon, J., Han, S., Ryu, M., & Shin, S., (2016, August). Software creative camp for expanding computational thinking and design thinking. Case presented at the Scratch MIT Conference, Cambridge, MA.

Griffin-Shirley, N., Ajuwon, P. M., Banda, D., Cheon, J., Lee, J., & Park, H. (2016, August). Use of mobile applications for people who are visually impaired. Paper presented at the AER International Conference 2016: Connect, Collaborate, Achieve. Jacksonville, FL.

Chung, S., Cheon, J. (2016, April). How does emotional tone of contextual visual aids influence health-related online learning? Paper presented at the annual convention of the American Educational Research Association, Washington, DC.

Cheon, J., Crooks, S. M., Jenkins, M., Casanova, R., Song, M., & Chung, S. (2015, November). Online multimedia case-based learning system for SGBM (Sex and Gender-Based Medicine). Poster presented at the annual convention of the Association for Educational Communications and Technology, Indianapolis, IN.

Chung, S., Cheon, J., Diordieva, C., & Wang, J. (2015, November). The application of the segmenting principle: The effects of pause time and types in instructional animations. Paper presented at the annual convention of the Association for Educational Communications and Technology, Indianapolis, IN.

Jenkins, M., Casanova, R., Cheon, J. & Crooks, S., (2015, October). Sex and Gender-Based Medicine Online Multimedia Case-Based Learning. Poster presented Sex and Gender Medical Education Summit, Rochester, Mn.

Cox, C. D., Zhang, Z., & Cheon, J. (2015, October). Use of an innovative mini-series movie to train preceptors: Does it work? Poster presented at the ACCP Global Conference on Clinical Pharmacy, San Francisco, CA.

Cox, C. D., Patterson, B., Cheon, J., Crooks, S., Lee, J., & Curtis J. (2015, July). Behind the number of a preceptor mini-series: A proven approach to preceptor development. Poster presented at the annual meeting of the American Association of College of Pharmacy, National Harbor, MD.

Dickson, K., Bogschutz, R. J., Cheon, J., & Crooks, S. (2015, April). Going online: Laying a foundation for interprofessional collaborative practice. Poster presented at the Annual Southern Group on Educational Affairs (SGEA) Meeting, Charlotte, NC.

Wang, J., & Cheon, J. (2015, March). Identifying the relationships among teachers' perceptions and the use of interactive whiteboard and student's learning performance. Paper presented at the 26th International conference of the Society for Information Technology & Teacher Education, Las Vegas, NV.

Alzaharni, A., & Cheon, J. (2015, March). The effects of instructors' technological pedagogical and content knowledge (TPACK) on online courses. Paper presented at the 26th International conference of the Society for Information Technology & Teacher Education, Las Vegas, NV.

Cheon, J., & Chung, S. (2014, December). Empowering the segmenting principle of multimedia learning: Meaningful stimuli between segments of instructional animations. Paper presented at the 2014 International Conference of Educational Technology. Seoul, South Korea.

Jenkins, M., Casanova, R., Masten, Y., Sleeper, R., Jones, B., Williams, S., Crooks, S., Cheon, J. (2014, November). Sex and gender-based medicine curriculum horizontal integration and interprofessional educational resources. Poster presented at the Annual meeting of MedEdPORTAL's iCollaborative, Digital Poster Gallery. https://www.mededportal.org/icollaborative/resource/3836

Jenkins, M., Casanova, R., Crooks, S., Cheon, J. (2014, November). Sex and gender-based medicine online multimedia case-based learning. Poster presented at AAMC (Association of American Medical Colleges) annual meeting: Learn, Serve, Lead 2014, Chicago, IL.

Chung, S., Lee, K & Cheon, J. (2014, November). Examining the role of emotion in public health education using multimedia. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Cheon, J., Chung, S., & Crooks, S. M. (2014, November). Meaningful stimulus for a segmented instructional animation: Reflection versus Prediction. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Phan V., & Cheon, J. (2014, March). Personalization principle in multimedia learning: Do narrators' accents matter? Paper presented at the international conference of the Society for Information Technology & Teacher Education, Jacksonville, FL.

Chung, S., Cheon, J., & Crooks, S. M. (2013, November). How learners' valence and arousal influence learning outcomes in an instructional animation? Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA. Featured Research Award, AECT.

Phan V., & Cheon, J. (2013, November). Multimedia presentation: The impacts of background music and sound effects on space science concept learning. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.

Chung, S., & Cheon, J. (2013, October). Examining the effects of prediction intervention in segmented instructional animation. Paper presented at Texas Educational Intervention Research Collaborative, Texas Tech University, Lubbock, TX.

Phan, V., & Cheon, J. (2013, October). How does background music and sounds impact multimedia learning? Paper presented at Texas Educational Intervention Research Collaborative, Texas Tech University, Lubbock, TX.

Kim, J., Alalawi, R., Arentz, C., Arvandi. A., Blackwell, E., Campbell, S., Casanova, R., Cheon, J., Crooks. S. M., Howell, M., Lee, V., Mitchell, J., Nelius, T., Paxton, J., Peiris, V., Rhea, J., Smith, C., Williams, S., Taylor, P., & Tenner, T. (2013, September). Effectiveness of an institutional faculty development course and barriers to training/education of faculty for

integration of ultrasound in medical education. Poster presented at Second World Congress Ultrasound in Medical Education, Columbia, SC.

Chung, S., Cheon, J., & Crooks, S. M. (2013, April). An investigation of the effects of different pause types in segmenting principle. Paper presented at the annual convention of the American Educational Research Association, San Francisco, CA.

Chung, S., & Cheon, J. (2013, February). Examining the effects of emotional induction using video clips in computer-based instruction. Paper presented at Texas Educational Intervention Research Collaborative, Baylor University, Waco, TX.

Phan, V., & Cheon, J. (2013, February). Multimedia learning: The personalization principle and learners' English language nativeness. Paper presented at Texas Educational Intervention Research Collaborative, Baylor University, Waco, TX.

Cheon, J., Chung, S., & Hamman, D. (2012, November). Optimizing a mobile video tool for teacher training program: a pilot study in TechTeach. Paper presented at the Research Conference on Teacher Education, Center of Research, Evaluation and Advancement of Teacher Education, San Antonio, TX.

Case, E., Crooks, S. M., & Cheon, J. (2012, October). Linear vs. spatial discussion formats for online courses. Paper presented at the annual convention of the Association for Educational Communications and Technology, Louisville, KY.

Chung, S., Cheon, J., Lim, S., & Son, H. (2012, October). The interaction effect between emotional valence and arousal on online learning from a motivated cognition perspective. Paper presented at the annual convention of the Association for Educational Communications and Technology, Louisville, KY.

Cheon, J., Crooks, S. M., Chung, S., & Lim, S. (2012, October). Does the segmenting principle counteract the modality principle in multimedia instruction? Paper presented at the annual convention of the Association for Educational Communications and Technology, Louisville, KY.

Cheon, J., Crooks, S. M., Lim, S., & Chen, X. (2012, April). An investigation of mobile learning readiness in higher education. Paper presented at the annual convention of the American Educational Research Association, Vancouver, British Columbia, Canada. SIG-IT's Best Paper Award, AERA.

Cheon, J., Crooks, S., & Paniukov, D. (2011, November). Web-based simulation to discover global lunar patterns for children from around the world. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL. Outstanding innovative project to improve human performance - Design and Development Showcase, AECT.

Cheon, J., Crooks, S., Chen, X., & Song, J. (2011, November). An investigation of mobile learning readiness and design considerations for higher education. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Paniukov, D., Cheon, J., & Crooks, S. (2011, November). Employing multimedia software to address common misconceptions in astronomy education: Recognizing lunar patterns and shapes from different vantage points on the earth. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Han, N., & Cheon, J. (2011, November). The effects of facilitation strategies on students' participation and online discussions: Sample message and discussion criteria. Paper presented at the annual convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Inan, F., Crooks, S., Cheon, J., Ari, F., & Flores, R. (2011, November). Reverse modality effect: Examining student learning from a computer-based diagram. Paper presented at the annual

convention of the Association for Educational Communications and Technology, Jacksonville, FL.

Chen, X., Cheon, J., Crooks, S. (2011, October). Students' perceptions of mobile learning with the iPhone. Paper presented at the annual convention of E-Learn 2011--World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Honolulu, HI.

Chung, S., Cheon, J., & Son, H. (2011, April). Investigation of factors contributing to the success of digital game-based learning. Paper presented at the annual convention of the American Educational Research Association, New Orleans, LA.

Chung, S., Son, H., & Cheon, J. (2011, February). Contributors to the success of digital game-based learning: The sophistication of advance graphic organizers and the control of game Playing Time in a Serious Game. Paper presented at the annual convention of the Southwest Educational Research Association, San Antonio, TX.

Son, H., Chung, S., & Cheon, J. (2011, February). Young ESL children's L1 and L2 development: Parental belief, support, and difficulty. Paper presented at the annual convention of the Southwest Educational Research Association, San Antonio, TX.

Cheon, J., Crooks, S., Inan, F., Flores, R., & Ari, F. (2010, November). Reverse modality effects on spatial knowledge instruction: When reading is better than listening. Texas Educational Research Association, University of Texas at Austin.

Chung, S., & Cheon, J. (2010, November). Exploring the role of instructional organizers in digital game-based learning. Texas Educational Research Association, University of Texas at Austin.

Cheon, J., Crooks, S., Inan, F., Flores, R., & Ari, F. (2010, October). Reverse modality effects on spatial knowledge instruction: When reading is better than listening. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA. Featured Researcher Award, AECT.

Chung, S., & Cheon, J. (2010, October). The effects of post organizers in game-based learning. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.

Han, N., Cheon, J., & Chung, S. (2010, October). The effects of two factors on asynchronous discussion in an online course: Types of discussion activities and discussion leaders. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.

Cheon, J., Song, J., & Jones, D. (2010, April). Pre-service teachers' intention to adopt Web 2.0 technologies: Examining relationships from belief to behavioral expectation. Paper presented at the annual convention of the American Educational Research Association, Denver, CO.

Cheon, J., & Han, N. (2010, February). Online collaborative learning space in wiki. Paper presented at the Annual Conference on advancing Teaching and Learning, Lubbock, TX.

Harman, R., & Cheon, J. (2010, February). An exploratory comparison between Korean and U.S students' lunar knowledge through moon project. Paper presented at the annual convention of Southwest Educational Research Association, New Orleans, LA.

Crooks, S., Inan, F., Cheon, J., Ari, F., & Flores, R., (2009, October). When text should be seen and not heard: An instance of the reverse modality effect in multimedia learning. Paper presented at the annual convention of the Association for Educational Communications and Technology, Louisville, KY.

Lee, C. H., Han, S. K., Lee, S. H., Cheon, J., Seo, J. H. (2009, April). The effects of u-learning on learning performance, satisfaction and perceptions in Korea. Paper presented at the annual convention of the American Educational Research Association, San Diego, CA.

Grant, M. M., & Cheon, J. (2009, April). A potential role of user interface to support germane cognitive load in web-based instruction. Paper presented at the annual convention of the American Educational Research Association, San Diego, CA.

Cheon, J., & Grant, M. M. (2008, November). Learner's cognitive investment by structural cues in user interface: The Measurement of Germane Cognitive Load. Paper presented at the annual convention of the Association for Educational Communications and Technology, Orlando, FL.

Cheon, J., & Grant, M. M. (2008, November). The measurement of cognitive load types: Reconsidering theoretical frameworks. Paper presented at the annual convention of the Association for Educational Communications and Technology, Orlando, FL.

Cheon, J., & Grant, M. M. (2008, March). A cognitive load approach to metaphorical interface design: Reconsidering theoretical frameworks. Paper presented at the 19th International conference of the Society for Information Technology & Teacher Education, Las Vegas, NV.

Lee, Y., & Cheon, J. (2008, March). Learners' perceptions of video games for second/foreign language learning. Paper presented at the 19th International conference of the Society for Information Technology & Teacher Education, Las Vegas, NV.

Cheon, J., & Grant, M. M. (2007, October). Do flashy interfaces help? Comparing learning efficiency of different interface types based on cognitive load theory. Paper presented at the annual convention of the Association for Educational Communications and Technology, Anaheim, CA.

Grant, M. M., & Cheon, J. (2007, April). The value of using synchronous conferencing for instruction and students. Paper presented at the annual convention of the American Educational Research Association, Chicago, IL.

Cheon, J., & Grant, M. M. (2007, April). Are pretty interfaces worth the time?: The effects of user interface types on Web-based instruction. Paper presented at the annual convention of the American Educational Research Association, Chicago, IL.

Cheon, J., & Grant, M. M. (2006, October). Developing learning content markup language (LCML) for personalized instruction in the adaptive learning system. Paper presented at the annual convention of the Association for Educational Communications and Technology, Dallas, TX.

Cheon, J., & Grant, M. M. (2005, October). Design of individualized instruction with learning objects using case-based reasoning. Paper presented at the annual convention of the Association for Educational Communications and Technology, Orlando, FL.

Cheon, J., Lee, C., & Han, S. (2002, May). Development and implementation of web-based teaching-learning unit system. Paper presented at the AACE ED-MEDIA International Conference, Denver, CO.

Cheon, J., Lee, C., & Han, S. (2002, August). Effective analysis of on-line Lesson Planner System using ICT. Paper presented at the international conference of Korea Society for Educational Technology, Seoul, Korea.

Cheon, J., & Cho, J. (2000, January). Effective reuse method of educational materials through construction of NT server. Paper presented at the annual meeting of Korean Association of Information Education, Seoguipo, Korea.

Cheon, J., & Park, I. (1999, May). Converting CAI to WBI by using Visual Basic. Paper presented at the annual meeting of SchoolNet, Seoul, Korea.

HONORS

2022	Integrated Scholar, Texas Tech University
2018	Outstanding Research Theory Division-Sponsored Proposal, Division of Research and Theory in AECT (Association for Educational Communications and Technology)
2016	Distance Education Best Practice Award, Division of Distance Learning in AECT (Association for Educational Communications and Technology)

2015	Outstanding innovative project to improve human performance and learning - Design and Development Showcase, AECT (Association for Educational Communications and Technology)
2013	Immersive Learning Award, Multimedia Production Division in AECT (Association for Educational Communications and Technology)
2013	Featured Research Award, Research and Theory Division in AECT (Association for Educational Communications and Technology)
2012	College of Education Distinguished Research Award, Texas Tech University
2012	Best Paper Award, SIG-IT, AERA (American Educational Research Association)
2011	Outstanding innovative project to improve human performance and learning - Design and Development Showcase, AECT (Association for Educational Communications and Technology)
2010	Featured Researcher Award, Research and Theory division in AECT (Association for Educational Communications and Technology)
2007	Second place in Student Research Forum, The University of Memphis
2006	Outstanding doctoral student, The University of Memphis
2005 - 2007	Phi Kappa Phi National Honor Society, The University of Memphis
2005 - 2008	Travel funding award, Student Government Association, The University of Memphis
2002	Distinguished teacher in area of informational education, Inchon Educational Administration Office, Korea
2000	Exemplary teacher, Inchon Educational Administration Office, Korea

National contest of educational software, Ministry of Education, Korea

2001	· Second place with "Small creature in the pond "(tool - HTML & FLASH)
2000	· First place with "Traditional manners" (tool - FLASH)
1999	· Third place with "The world of flat figure" (tool - Visual Basic & FLASH)
1998	· First place with "The world of quadrangles" (tool - Visual Basic & FLASH)
1997	· First place with "Playing with a figure" (tool - Visual Basic)
1996	· Second place with "Reading practice" (tool - Korean Authoring System)

GRANTS/CONTRACTS

2018 - present	Bringing Evidence-Based Assessment of Trauma- and Abuse-Related symptoms to Category II Sites, CACs, and Universities
	    Sponsoring agency: Substance Abuse Mental Health Services Administration
	    Responsibility: Lead Instructional Designer, **Awarded ($ 2,913,671.00)**

2013 - present	Sex and Gender Specific Health (SGSH) Online System Development
	    Sponsoring agency: Texas Tech Health Sciences Center & Laura Bush Institute for Women's Health
	    Responsibility: Lead Instructional Designer, **Awarded ($ 1,226,606.00)**

2022	Registered Behavior Technician Online Course Development
	    Sponsoring agency: Burkart Center, Texas Tech University
	    Responsibility: PI, **Awarded ($ 30,000.00)**

2021	Virtual Interactive Produce Safety (VIPS) Exploration
	    Sponsoring agency: USDA-NIFA Cooperative State Research Ed & Extension Service
	    Responsibility: Co-PI, Not Funded ($ 56,539.00)

2021	RBT Resource Library System Development
	    Sponsoring agency: Burkart Center, Texas Tech University
	    Responsibility: PI, **Awarded ($ 20,000.00)**

2020	CATR Online Training Development
	    Sponsoring agency: Campus Alliance for Telehealth Resources (CATR) Program, TTUHSC
	    Responsibility: PI, **Awarded ($ 15,000.00)**	

2020   CATR Online Training Development
       Sponsoring agency: Campus Alliance for Telehealth Resources (CATR) Program, TTUHSC
       Responsibility: PI, **Awarded ($ 15,000.00)**

2020   Frontiers in Telemedicine Online Course Update
       Sponsoring agency: F. Marie Hall Institute of Rural and Community Health, TTUHSC
       Responsibility: PI, **Awarded ($ 8,000.00)**

2020   Increasing STEM Collaboration Opportunities Through Defense Acquisition University Online Course Redesign
       Sponsoring agency: Department of Defense, Research and Education Program for Historically Black Colleges and Universities and Minority-Serving Institutions (HBCU/MSI; W911NF-19-S-0013)
       Responsibility: Co-PI, Not Funded ($ 1446,951.00)

2019   Classroom on A Chip (COAC) Website with Online Library Development
       Sponsoring agency: College of Engineering, Texas Tech University
       Responsibility: PI, **Awarded ($ 20,000.00)**

2018   Behavioral Health Workforce and AHEC Scholars Program Course Development
       Sponsoring agency: West Texas Area Health Education Center
       Responsibility: PI, **Awarded ($ 78,000.00)**

2017   Community Health Worker (CHW) Program Course Development
       Sponsoring agency: West Texas Area Health Education Center
       Responsibility: PI, **Awarded ($ 65,000.00)**

2017   Middle School Computer Science & Technology Application Curriculum Development
       Sponsoring agency: Dallas ISD
       Responsibility: PI, **Awarded ($ 37,100.00)**

2017   Personalized and Blended Learning Graduate Certificate Program
       Sponsoring agency: Dallas ISD
       Responsibility: Co-PI, **Awarded ($ 236,400.00)**

2016   Texas Rural and Ready Project (TRRP)
       Sponsoring agency: Teacher Quality Partnership Grant, Department of Education
       Responsibility: Co-PI, Not Funded ($ 11,699,193.00)

2016   Personalized and Blended Learning Graduate Certificate Program
       Sponsoring agency: Raise Your Hand Texas Foundation
       Responsibility: Co-PI, **Awarded ($ 118,200.00)**

2016   Middle School Computer Science & Technology Application Curriculum Development
       Sponsoring agency: Dallas ISD
       Responsibility: PI, **Awarded ($ 44,520.00)**

2016   Personalized Learning Video Case Library
       Sponsoring agency: Raise Your Hand Texas Foundation
       Responsibility: PI, **Awarded ($ 118,200.00)**

2015   IUSE: EHR: Engaged Student Learning: Empowering Students in West Texas to Thrive in the Internet of Things (IoT) World.
       Sponsoring agency: NSF IUSE: EHR
       Responsibility: Co-PI, Not Funded ($ 299,606.00)

2015   CW: Accelerating Computational Thinking through On-site STEM Workshops: Advocating Rural School Teachers in West Texas
       Sponsoring agency: NSF CW
       Responsibility: Co-PI, Not Funded ($ 249,747.00)

2014	Exploring Academic Pathways and Investigating Careers	

2014   Exploring Academic Pathways and Investigating Careers
     Sponsoring agency: Scholarship Catalyst Program (SCP), Texas Tech University
     Responsibility: Co-PI, **Awarded ($ 3,180.00)**

2014   STEM 4 STEM: Creating Client-Centered Undergraduate Mobile App Course
     Sponsoring agency: NSF IUSE (Improving Undergraduate STEM Education)
     Responsibility: Co-PI, Not Funded ($ 310,722.00)

2014   Exploring Academic Pathways and Investigating Careers in STEM (EPIC STEM)
     Sponsoring agency: NSF AISL (Advancing Informal STEM Learning)
     Responsibility: Co-PI, Not Funded ($ 213,584.00)

2013 - 2014   Training in Evidence-based Assessment of Abused Youth
     Sponsoring agency: Children's Justice Act of Texas
     Responsibility: Technology Director, **Awarded ($ 198,669.00)**

2012 - 2015   Interprofessional Collaborative Practice Online Instruction Development
     Sponsoring agency: Texas Tech Health Sciences Center
     Responsibility: Lead Instructional Designer, **Awarded ($87,400.00)**

2012   SAM RIOT Simulation
     Sponsoring agency: College of Education & School of Nursing, Texas Tech University
     Responsibility: PI, **Awarded ($15,000.00)**

2011   An Examination of Modality and Cueing Effects in Multimedia Learning
     Sponsoring agency: College of Education, Texas Tech University
     Responsibility: PI, **Awarded ($2,804.00)**

2010   Influencing Pre-service Teachers' Intention to adopt Web 2.0
     Sponsoring agency: College of Education, Texas Tech University
     Responsibility: PI, **Awarded ($500.00)**

2009 - 2013   (MS)^2 Project (Middle School Math and Science)
     Sponsoring agency: Greater Texas Foundation
     Responsibility: Technology Director, **Awarded ($1,500,000.00)**

2009   MOON Project (More observations Of Nature Project)
     Sponsoring agency: College of Education, Texas Tech University
     Responsibility: Technology Director

2009   Instructional System Design for Curriculum Specialists
     Sponsoring agency: Covenant Health System, Lubbock, TX
     Responsibility: Consultant

TEACHING

2008 - present   Texas Tech University
     EDIT 6325 Multimedia Production for Instruction
     EDIT 6317 Advanced Instructional Design Theory
     EDIT 5325 Instructional Systems Development
     EDIT 5320 Educational Networks Application
     EDIT 5321 Interactive Multimedia Development
     EDIT 5322 Visual Design for Instruction
     EDIT 5325 Instructional Systems Development
     EDIT 5390 Online Distance Learning
     EDIT 5395 Administration of Instructional Technology
     EDIT 5397 Practicum in Instructional Technology

EDIT 5000 Special Topic Instructional Technology: Mobile Learning
EDIT 3328 Computational Thinking in Education (Teaching and coordinating multiple sections)
EDIT 3318 Applications of Technology in Education (Teaching and coordinating multiple sections)
EDIT 2318 Computing and Information Technology (Teaching and coordinating multiple sections)

2009 - 2011   Hanyang Cyber University, Seoul, Korea
CEC 022 Web-based Instruction Programming

2007 - 2008   University of Memphis
IDT 7070/8070 Theories and Models of Instructional Design (with Dr. Michael M. Grant)
IDT 7072/8072 Seminar of Web-based Instruction (with Dr. Michael M. Grant)

2000 - 2002   Gyeongin National University of Education, Incheon, Korea
Visual Basic Programming for Developing Educational Software

2000   Teacher Campus (Online teacher training center), Seoul, Korea
Linux Server System in School Environment

1993 - 2002   Incheon Education & Science Research Institute, Incheon, Korea
Using Microsoft Office
Technology integration in classroom
Developing Computer Assisted Instruction (CAI) with Visual Basic
Developing Web-Based Instruction (WBI) with Macromedia Flash

SERVICE

Department & College Level Service

2014 - present	· Director, Center for Innovation in E-Learning (CIEL)
2018 - present	· Program Coordinator, EDIT
2021 - present	· C&I Representative in College Leadership Team
2018	· Faculty Search Committee Chair
2017	· Faculty Search Committee Chair
2016	· Faculty Search Committee Chair
2015	· Faculty Search Committee Chair
2014 - 2015	· Distance Learning Advisory Committee
2012 - 2013	· Co-chair, Technology Advisory Committee
2011 - 2012	· Member, Technology Advisory Committee
2008 - 2011	· Co-director, Multimedia Lab

University Level Service

2019 - present	· eLearning Council, Texas Tech University
2022	· Graduate Program Reviewer, Texas Tech University
2011	· University Learning Management System Vendor Evaluation Committee, Texas Tech University

National and International Level Service

2022 - 2025   **Assistant Chair (To be Associate Chair and Chair), Information Technology Council**
· Society of Information Technology and Teacher Education (SITE)

2022 - 2024	**Vice President (To be President in 2023)** · Korean-American Educational Researchers Association (KAERA)
2019 - 2022	**Computational Thinking SIG Chair** · Society of Information Technology and Teacher Education (SITE)
2021- present	**Conference Technical Program Committee** · Asia Education Technology Symposium (AETS)
2019 - present	**National Science Foundation (NSF) Panel** · AISL (2021, 2022) · STEM+C (2019) · DRK -12 Computational Thinking (2020) · CS4ALL (2020)
2019 - present	**Editorial Board** · IAMSE Manual Series, International Association for Medical Science Educators

Award Review Committee

2020 - present	· Outstanding Research Paper Award Committee, KAERA (Korean American Education Research Association)
2012 - 2015	· Design and Development Showcase Review Committee, AECT (Association for the Advancement of Computing in Education)
2013	· SIG-IT Best Paper Review Committee, AERA (American Educational Research Association)
2013	· Outstanding Journal Article Review Committee in Research and Theory Division, AECT (Association for the Advancement of Computing in Education)
2013	· Dean and Sybil McClusky Research Award Committee in Research and Theory Division, AECT (Association for the Advancement of Computing in Education)

Conference Planner

2017	· AECT (Association for Educational Communications and Technology)

2012 – present	**Journal Reviewer** · Computers and Education · Educational Psychology · Internet and Higher Education · Journal of Computing in Higher Education · Journal of Educational Computing Research · Interactive Learning Environment · Internet and Higher Education · International Journal of Problem Based Learning · Educational Research and Reviews

Conference Reviewer

2007 - present	· Conference Proposal in Design and Development Division, AECT
2007 - present	· Conference Proposal in in Research and Theory Division, AECT

Discussant & Facilitator

2008 - present	· AECT (Association for the Advancement of Computing in Education) International Convention
2009 - present	· Annual Meeting of AERA (American Educational Research Association)

Conference Website Developer

2010 - 2011	· Conf-IRM 2011 (The International Conference on Information Resources Management)

Technical Consultant

2008	· AECT new website
2007	· AECT Teacher Education Division Blog
2006	· Conference newsletter team, AECT international Convention Newsletter

Exhibitor

2010	· Texas Computer Education Association, Austin, TX
2005	· National Education Computing Conference, Philadelphia, PA

Invited External Evaluator for Promotion & Tenure

2020	· Old Dominion University, Dr. John Baaki for promotion and tenure to associate professor

Member of Professional Organization

· Association for Educational Communications and Technology
· American Educational Research Association
· Association for the Advancement of Computing in Education
· National Educational Computing Conference
· Korea Association of Information Education
· Korea Society for Educational Technology

Community Level Service

2017 - present	· Dallas ISD STEM EXPO Exhibitor
2012	· Summer SCRATCH Programing Camp, Lubbock ISD, TX
2008 - 2015	· Lubbock Korean School, Lubbock, TX

Student Organization Service

2007	· President: Instructional Design & Technology Graduate Student Association at the University of Memphis
2006	· Secretary, Treasurer & Communication Officer: Instructional Design & Technology Graduate Student Association at the University of Memphis
2006	· President: Korean Student Association at the University of Memphis
1990	· President: Student Association at Gyeongin National University of Education, Korea

DEVELOPMENT

Websites

2015 - present	· Sex and Gender Specific Health: http://sexandgenderhealth.org/
2014 - present	· Evidence-Based Assessment of Abused Youth Project: http://childabusetraining.org
2019	· Classroom on a Chip: https://coac.ttu.edu/
2018	· Quality of Online Education Framework: http://edit.educ.ttu.edu/qoeweb/
2018	· Digital Badge System: http://edit.educ.ttu.edu/badge/
2018	· Personalized Learning Video Case Library: https://plcase.ttu.edu/
2013 - 2021	· World MOON Project: http://worldmoonproject.org
2014	· Sex and Gender Based Medication website
2011	· International Conference on Information Resource Management
2009	· Functional Hearing Inventory website
2009	· MS² (Middle School Math and Science) Project website
2008	· Knowledge Protection Strategies: http://kpstrat.com
2008	· Knowledge Protection Strategies Blog: http://kpstrat.com/blog
2008	· Korean Association of Memphis
2006	· Instructional Design and Technology program website
2006	· Memphis Striving Readers Project
2005	· Teacher's Technology Handbook and website: http://edit.educ.ttu.edu/site/jcheon/TTH

Online Instruction

2014 - present	· Sex and Gender Specific Health Online instruction: https://www.sexandgenderhealth.org/menu.html
2013	· Healthcare Interprofessional Education Online Instruction: http://goo.gl/fsDiv
2012	· SAM RIOT Simulation
2011	· Moon Simulation System for Global Lunar Patterns (http://worldmoonproject.org/simulation/
2008	· The nature and history of Public Relations (http://edit.educ.ttu.edu/site/jcheon/PR/)
2006	· Active listening training website: http://edit.educ.ttu.edu/site/jcheon/activelistening/
2005	· Introduction of XML: http://edit.educ.ttu.edu/site/jcheon/XML/
2005	· Dual Coding Theory: http://edit.educ.ttu.edu/site/jcheon/dual_coding/
2005	· Information Processing Theory: http://edit.educ.ttu.edu/site/jcheon/information_processing/

Manuals/Program Flayer

2008	· School Observation Manual training module
2007	· Observation of Computer Use, Center for Research in Educational Policy, Memphis http://edit.educ.ttu.edu/site/jcheon/manual/OCU_manual.pdf
2006	· School Observation Manual, Center for Research in Educational Policy, Memphis http://edit.educ.ttu.edu/site/jcheon/manual/SOM_manual.pdf
2005	· School Computer Use Observation, Center for Research in Educational Policy, Memphis http://edit.educ.ttu.edu/site/jcheon/manual/SCU_manual.pdf
2005	

· Digital Photography, Memphis:
http://edit.educ.ttu.edu/site/jcheon/manual/Digital_Photography.pdf

Online Advertisement

2005 - 2007   · Instructional Design and Technology program advertisement in the Joint University Reception at AECT

2006   · ADL Work-force Co-lab advertisement

2006   · Instruction and Curriculum Leadership department advertisement

2006   · Summit, Annual meeting of faculty members at the College of Education

2006   · New Teacher Center at the University of Memphis

ADVISING

Post-Doctoral Research Associates

2021 - present   · Dr. Eunsung Park, Penn State University
2019 - 2021   · Dr. Jiaming Cheng, Syracuse University
2016 - 2018   · Dr. Suhkyung Shin, Indiana University
2015 - 2016   · Dr. Sungwon Shin, Indiana University

Dissertation Chair

June 2020   · Dr. Hyunchang Moon, Investigating the Effectiveness of Inductive and Deductive Approach for Teaching Conditionals with Block-based Programming in an Online Environment, Unpublished Dissertation, Texas Tech University. (Current Position: Instructional Designer at Northern New Mexico College)

June 2019   · Dr. Cheri Hadley, An Investigation of Faculty Perceptions of Online Teaching: Barriers and LMS Satisfaction, Unpublished Dissertation, Texas Tech University. (Current position: Learning and Development Specialist at Impact Learning & Development Solutions)

December 2017   · Dr. Beth Case, Differences in Student Performance Between Linear and Spatial Discussion Boards for Debate and Topical Discussions, Unpublished Dissertation, Texas Tech University. (Current Position: Instructional Designer at University of Louisville)

August 2017   · Dr. Lisa Cole Martin, An Examination of Online Learning at Historically Black Colleges and Universities, Unpublished Dissertation, Texas Tech University. (Current Position: Instructor at North Carolina Agricultural and Technical State University)

June 2015   · Dr. Sungwon Chung, An Investigation of The Effects of Emotional Visual Aids on Learning Performance and Mental Effort in Online Health Education, Unpublished Dissertation, Texas Tech University. (Current Position: Assistant Professor at Ball State University)

March 2015   · Dr. Krista Scott, Identifying the Perceptions and Preferences of Teachers in Small Schools toward Online Professional Learning Communities, Unpublished Dissertation, Texas Tech University. (Current Position: Director of Advanced Academics at Andrews ISD)

March 2014   · Dr. Abdulaziz Ali Alzahrani, The Effects of Instructors' Technological Pedagogical and Content Knowledge (TPACK) on Online Courses, Unpublished Dissertation, Texas Tech University. (Current Position: Assistant Professor at King Abdulaziz University)

In progress   · Angela Smith
· Jamal Qaiyyim
· Alfonso Almeida
· Min Huang
· Rebekah Fan

· Anthonia Prince
· Abiodun Ajayi
· Larry Phillips

Dissertation Committee Member

In progress	· Danh Ngoc Nguyen
In progress	· McCurdy Dale
May 2015	· Murat Kurucay (Dissertation Completed)
August 2014	· Amal Alzahrani (Dissertation Completed)
October 2013	· Dona Bell (Dissertation Completed)
December 2011	· Sungwon Chung, Mass Communication (Dissertation Completed)
March 2011	· Heejin Son (Dissertation Completed)
December 2009	· Lucy Green (Dissertation Completed)

TECHNICAL SKILLS

Web design	HTML 5, JavaScript, CSS 3, PHP, MySQL, XML, Adobe Muse, Adobe Dreamweaver
CMSs/LMSs	WordPress, Joomla, Moodle, Sakai, Blackboard, Canvas
Server OS	Windows Server, Mac OS X Server, Linux
Multimedia	iMovie, Window Movie Maker, Premier, Camtasia, Captivate Adobe Fireworks, Photoshop, Illustrator
Publishing	Adobe InDesign, PageMaker, Microsoft Publisher
Content Development	Articulate, iSpring