

IKSEON (IKE) CHOI6 August 2014

Associate Professor with Tenure
 Learning, Design, & Technology Program
 Department of Career & Information Studies
 The University of Georgia,
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 Case-based e-learning research group URL: <http://elearning.coe.edu.uga/>

EDUCATION

B.A. Education	Chung-Ang University, Seoul	1992
M.Ed. Educational Psychology	Chung-Ang University, Seoul	1996
Ph.D. Instructional Systems	Penn State University, University Park	2002

SELECTED PROFESSIONAL APPOINTMENTS

Associate Professor (50% teaching; 50% research; Tenured), Department of Career and Information Studies, The University of Georgia, Athens, GA. (2013 – present)
Graduate Coordinator, Department of Career and Information Studies, The University of Georgia, Athens, GA (2014 – present)
Research Master's and Doctoral Program Coordinator, Learning, Design, and Technology Program, Department of Career and Information Studies, The University of Georgia, Athens, GA (2011 – present)
Associate Professor (60% teaching; 40% research; Tenured), Department of Educational Psychology and Instructional Technology, The University of Georgia, Athens, GA. (2009 – 2012)
Research Master's and Doctoral Program Coordinator, Learning, Design, and Technology Program, Department of Educational Psychology and Instructional Technology, The University of Georgia, Athens, GA (2011 – 2012)
Affiliate Faculty Member, InJe University College of Medicine, Pusan, S. Korea (2012 – 2014)
Affiliate Member, Institute for Evidence-Based Health Professions Education, The University of Georgia, Athens, GA. (2012 – present)
Affiliate Member, Faculty of Engineering, The University of Georgia, Athens, GA. (2007 – present)
Assistant Professor (60% teaching; 40% research; Tenure-Track), Department of Educational Psychology and Instructional Technology, The University of Georgia, Athens, GA. (2003 – 2009)
Assistant Professor (Tenure-Track), Department of Instructional Technology and Telecommunications, Western Illinois University, Macomb, IL. (2001-2002)
Graduate Lecturer, Instructional Systems, The Pennsylvania State University, State College, (1999, June-August)
Graduate Assistant, Penn State University, University Park, PA. (1997-2001)
Researcher, Policy & Basic Research Team, Center for Educational Multimedia Research & Development, An Annex of the Korean Educational Development Institute (KEDI), Seoul, Korea. (1996)
Researcher, Research Center of Korean Youth Culture, Seoul, Korea (Specialized in the area of information society and youth culture). (1993-1995)

RESEARCH & PUBLICATION

Research Areas of Interest

- The nature and the processes of ill-defined, complex, real-world problem solving under uncertainty
- Individual and environmental factors influencing learning and real-world problem solving (e.g., epistemic belief, adaptive expertise, argumentation/justification skills, metacognition/reflection, etc.)
- Case-based e-learning environments promoting learning how to solve real-world problems (design, development, and implementation models)
- Informatics and technology to develop dynamic learning resources and scaffolding tools for real-world problem solving
- Cognitive task analysis methods and tools for real-world problem solving
- E-learning and education program evaluation

Dissertation/Theses

Choi, I. (2002). *Effects of on-line peer-challenge support on learning during on-line small group discussion*. Doctoral Dissertation, The Pennsylvania State University, University Park, PA. Retrieved from <http://etda.libraries.psu.edu/theses/available/etd-0712102-211229/>

Choi, I. (1996). *A study on the relationship between the levels of fidelity of computer-based instructional simulation (CBIS) and transfer of learning for different instructional levels* (Korean). Unpublished Master's Thesis, Seoul: Chung-Ang University.

Journal Articles (*peer reviewed, **invited)

Hong, Y. C., & Choi, I. (in press). Assessing reflective thinking in solving design problems: The development of a questionnaire. *British Journal of Educational Technology*. (Article first published online: 17 July 2014, DOI: 10.1111/bjet.12181) *

Yoo, S., Lee, K., Lee, S., Roh, H., Lee, J., Rhee, B., & Choi, I. (2014). Peer assessment on small group presentations of medical students and its implication (Korean). *Korean Journal of Medical Education*, 26(1), 27-36.*

Choi, I., & Reeves, T. C. (2013) David H. Jonassen: A significant contributor to the field of educational technology. *Educational Technology*, 53(2), 59-62.

Hong, Y. C., & Choi, I. (2011). Three dimensions of reflective thinking in solving design problems: A conceptual framework. *Educational Technology Research & Development*, 59(5), 687-710. *

Choi, I. (2010). Emerging roles of Korean schools in foreign countries in the global society: Toward the global identify and multicultural education from Korean language education (Korean). *Journal of Korean-American Education*, 27, 21-30. **

Choi, I., Lee, S., & Kang, J. (2009). Implementing a case-based e-learning environment in a lecture-oriented anesthesiology class: Do learning styles matter on complex problem solving over time? *British Journal of Educational Technology*, 40, 933-947. *

Choi, I. (2009). A case-based e-learning framework for real-world problem solving: Implications for human resources development. *Journal of Korean HRD Research*, 4(1), 53-71**

Choi, I., & Lee, K. (2009). Designing and implementing case-based learning environments for enhancing ill-structured problem solving skills: Classroom management problems for prospective teachers. *Educational Technology Research & Development*, 57, 99-129. *

Choi, I., Land, S., & Turgeon, A. (2008). Instructor modeling and online guidance for peer questioning during online discussion. *Journal of Educational Technology Systems*, 36, 255-275. *

Choi, I., Lee, S., & Jung, J. (2008). Designing multimedia case-based instruction accommodating students' diverse learning styles. *Journal of Educational Multimedia and Hypermedia*, 17, 5-25. *

Lee, K., & Choi, I. (2008). Learning classroom management through Web-based case instruction: Implications for early childhood teacher education. *Early Childhood Education Journal*, 35, 495-503. *

Choi, I., & Lee, K. (2008). A case-based learning environment design for real-world classroom management problem solving. *TechTrends*, 52(3), 26-31. **

Choi, I. (2008). Faculty evaluation culture in Korean universities: Cultivating a horizontal and interactive evaluation culture (Korean). *Forum for Youth Culture*, 18, 261-270. **

Choi, I. (2008). Reflecting the power of the magic medallion. *TechTrends*, 52(2), 12. **

Hirumi, A., Miller, C., Hooper, S., Choi, I., Brush, T., Saye, J., Doering, A., Reese, D. D., & Kim, Y. (2008). Showcased: Innovative training and educational programs. *TechTrends*, 52(1), 34-38. **

Choi, I. (2007). Toward strategic human resource development (SHRD): Bridging the gap between e-learning and performance through improving learning transfer (Korean). *Journal of Korean HRD Research*, 2(1), 73-90. **

Land, S., Choi, I., & Ge, X. (2007). Scaffolding online discussions to promote reflection and revision of understanding. *International Journal of Instructional Media*, 34, 409-418. *

Choi, I. (2006). Renovating instructional methods with new technology for enhancing HRD (Human Resource Development) graduate school education: Balancing contextual, theoretical, and technical dimensions (Korean). *Journal of Korean HRD Research*, 1(1), 103-127. *

Choi, I., Land, S., & Turgeon, A. (2005). Scaffolding peer-questioning strategies to facilitate metacognition during online small group discussion. *Instructional Science*, 33, 367-379. *

Carr-Chellman, A., Choi, I., & Hernández-Serrano, J. (2001). An early tool to simulate the impact of web-based learning on the university. *Quarterly Review of Distance Education*, 2, 157-167. *

Brill, J., Choi, I., Glazer, E., Ge, X., & Ku, H. (2001). Reflections from the intern experience. *TechTrends*, 45 (1), 19-23. **

Choi, I., & Jonassen, D. H. (2000). Learning objectives from the perspective of the experienced cognition framework. *Educational Technology*, 40 (6), 36-40.

Book Chapters (or Book Translations)

Choi, I., Hong, Y. C., Park, H., & Lee, Y. (2013). Case-based learning for Anesthesiology: Enhancing dynamic decision-making skills through cognitive apprenticeship and cognitive flexibility. In R. Luckin, P. Goodyear, B. Grabowski, S. Puntambeker, J. Underwood, & N. Winters (Eds.), *Handbook on Design in Educational Technology* (pp. 230-240). New York: Routledge.

Blackmon, M., Hong, Y., & Choi, I. (2007). Case-Based Learning. In M. Orey (Ed.), *Emerging perspectives on learning, teaching, and technology*. Retrieved from <http://projects.coe.uga.edu/epltt>

Choi, I., Kim, H., Jung, J. W., Clinton, G., & Kang, J. (2006). A case-based e-learning model for professional education: Anesthesiology for dental students. In M. Orey, V. J. McClendon, & R. M. Branch (Eds.), *Educational media and technology yearbook 2006* (Vol. 27, pp. 109-118). Englewood, CO: Libraries Unlimited.

Choi, I., & Land, S. M. (2004). A project description of CoNet-C: An online discussion tool to support case-based instruction. In A. Kovalchick & K. Dawson (Eds.), *Educational technology: An encyclopedia* (pp. 121-126). Santa Barbara, CA: ABC-CLIO.

Jonassen, D. H., Hernández-Serrano, J., & Choi, I. (2000). Integrating constructivism and learning technologies. In M. Spector & T. M. Anderson (Eds.), *Integrated and holistic perspective on learning, instruction and technology: Understanding complexity* (pp. 103-128). Berlin: Kluwer.

Kim, J. An, D., Choi, I., Park, J., & Song, M. (1994). *Juran on Quality by Design*. Trans. Seoul: 21-Century Books. (Translation into Korean, Original work by J. M. Juran, 1992).

Manuscripts in Review

Manuscripts in Progress

Choi, I., & Yoon, B. (2014, in progress). Future directions of Korean medical education: Toward real-world problem solving. *Korean Medical Education Review*. (Invited)

Hong, Y. C., & Choi, I. (2013, in progress). *Exploring novice designers' patterns of reflective thinking and their design performance*. (Target journal: *Instructional Science*).

- Choi, I. Park, H. Lee, Y. Kim, S., Lee, J. & Rhee, B. (2014, in progress). *Challenges and opportunities toward competency-based curriculum in Korean medical education*. (Target Journal: *Journal of Korean Medical Education*).
- Choi, I., Ju, H., Lee, J., & Rhee, B. (2014, in progress). *Challenges experienced by medical students and tutors during Problem-Based Learning (PBL)*. (Target Journal: *Academic Medicine*).
- Park, H., & Choi, I. (2014, in progress). *Typology of scaffolding and its learning outcomes: A conceptual framework*. (Target journal: *British Journal of Educational Technology*).
- Choi, I., Ju, H., Lee, J., & Rhee, B. (2014, in progress). *Cultural interpretations on challenges experienced by Asian medical students and tutors during their problem-based learning*. (Target Journal: *British Journal of Educational Technology*).
- Choi, I. (2014, in progress). *Three types of knowledge integration model to promote real-world problem solving*. (Target journal: *Educational Technology Research & Development*).
- Choi, I., Park, H., Lee, Y., Schmiedt, C., Cornell, K. K., Radlinsky, M. G., & Creevy, K. E. (2014, in progress). *Theory-informed design of case-based e-learning module to enhance veterinary students' intra-operative decision-making ability*. (Target Journal: *British Journal of Educational Technology* or *Educational Technology Research & Development*).
- Lee, Y. & Choi, I. (2014, in progress). *A comprehensive design framework for multipurpose e-portfolio systems*. (Target journal: *Journal of Information Science*).
- Zgambo, A. F., & Choi, I. (2014, in progress). *Evaluation experts' naturalistic decision-making during evaluation of HIV/AIDS health education programs*. (Target journal: *Educational Technology Research & Development*).

Proceedings (*Also listed under Conference Presentations; + Also listed under journal articles)

- Choi, I. (2013, September). *Boundaries and integration between different design-based research programs*. Proceeding of AERA-Funded Research Conference on Design Based Research, The University of Georgia, Athens, GA (<http://dbrxroads.coe.uga.edu/index.php/proceedings>).
- Choi, I. (2013, June). Designing case-based learning for higher education: Enhancing college students real-world problem solving abilities. *Proceedings of The Annual Workshop of Korean Associate of Centers for Teaching and Learning* (pp. 83-92). Chonnam, Korea.
- Choi, I., Hong, Y. C., Kellam, N., Gattie, D., Gay, M., Park, H., Jensen, L. J., & Lee, Y. (2012, June). Promoting second-year engineering students' epistemic beliefs and real-world problem solving abilities through case-based e-learning resources. *2012 ASEE Proceedings*. San Antonio, TX. *
- Jo, S., Lee, H., & Choi, I. (2011). A profile of NHRD in the 2nd national lifelong learning promotion plan in Korea. *Proceedings of 2011 Academy of Human Resource Development*, Chicago, IL. *+
- Choi, I., Hong, Y.C., Kellam, N., Gattie, D. & Gay, M. (2010). Ongoing design of a case-based e-learning system promoting engineering students' personal epistemology and real-world problem

solving abilities: A formative evaluation. In J. Sanchez & K. Zhang (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010* (pp. 34-39). Chesapeake, VA: AACE.*

Choi, I. (2008). Case-based e-learning for real-world problem solving. *Proceedings of Global HR Forum 2008: Creative Talents for Global Collaboration (Special Stream Session I)* (pp. 67-88). Seoul: Chung-Ang University.*+

Choi, I. (2007). Toward strategic human resource development (SHRD): Bridging the gap between e-learning and performance through improving learning transfer (Korean). In Korean Human Resource Development Strategic Research Center (Ed.), *Strategic human resource development in a global world* (pp. 135-153). Seoul: Chung-Ang University.*+

Choi, I., & Lee, K. (2006). A case-based e-learning environment for facilitating ill-structured problem solving skills: Classroom management. In T. Reeves & S. Yamashita (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2006* (pp. 1894-1901). Chesapeake, VA: AACE.*

Choi, I., Lee, S., & Jung, J. (2006). Students' perceived benefits of case-based e-learning according to their learning styles. In T. Reeves & S. Yamashita (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2006* (pp.1902-1909). Chesapeake, VA: AACE.*+

Choi, I. (2005). How to improve instructional methods for training in complex problem solving skills in Human Resource Development Graduate School (Korean). In Korean Human Resource Development Strategic Research Center (Ed.), *The International Seminar on Human Resource Development: Directions and Challenges of Human Resource Development Graduate School Education* (pp. 97-113). Seoul: Chung-Ang University.*+

Choi, I., Kang, J., Kim, H., Jung, J. W., & Clinton, G. (2004). A case-based e-learning environment for enhancing dynamic decision-making skills: Anesthesiology. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2004* (pp. 1133-1138). Chesapeake, VA: AACE.*

Kim, H., Kang, J., & Choi, I. (2004). Transforming concept-oriented course to case-based e-learning. In G. Richards (Ed.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2004* (pp. 98-103). Chesapeake, VA: AACE.*

Choi, I., Kim, H., Kang, J., Jung, J. W., & Clinton, G. (2004). A case-based e-learning model for professional education: Anesthesiology for dental students. In L. Cantoni & C. McLoughlin (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2004* (pp. 1285-1292). Chesapeake, VA: AACE.*+

Choi, I., Land, S., & Turgeon, A. (2001). Effects of on-line peer-challenge support on learning during on-line small group discussion. In M. Crawford & M. Simonson (Eds.), *Annual proceedings of selected research and development papers presented at the 2001 National Convention of the Association for Educational Communications & Technology: Vol. 1.* (pp. 69-73). North Miami Beach, FL: Nova Southeastern University.*

Carr-Chellman, A., Choi, I., & Hernández-Serrano, J. (2000). Simulating the impact of web-based learning on the university. In K. King & R. Ferro (Eds.), *Proceedings of the Eastern*

Regional Adult Education Research Conference (pp. 35-40). University Park, Pennsylvania State University. *+

Choi, I. (1998). Optimal shifting of fidelity levels in computer-based instructional simulation. In N. Maushak & C. Schlosser (Eds.), *Annual proceedings of selected research and development papers presented at the 1998 National Convention of the Association for Educational Communications & Technology* (pp. 89-93). North Miami Beach, FL: Nova Southeastern University. (ERIC Document Reproduction Service No. ED 423829) *

Technical Reports (or Reports Submitted to Sponsors)

Choi, I., & Ju, H. (2012). *Problem-Based Learning (PBL) evaluation report*. An evaluation report submitted to Inje University College of Medicine, Busan, Korea.

Song, K. Choi, I., Kim, S., Lee, Y., & Park, H. (2012). *Development of customized learning and teaching models for a teaching college*. An evaluation report submitted to Daelim College, Anyang, Korea.

Lee, H., Choi, I., et al. (2007). *Building a global experts DB in HRD area*. Chung-Ang University, Seoul, Korea.

Choi, I. (2005). *A case-based e-learning environment and its implementation in a Korean dental school-Anesthesiology*. The University of Georgia, Athens, GA.

Lee, K., & Choi, I. (2005). *Developing and implementing Web-based case learning for early childhood teacher education*. A research report submitted to the Clarke County School District Grants and Research Office, Athens, GA.

Choi, I., Shin, N., Song, L., Oh, S., Martin, J., & Kirby, J. (2004, April). *Building argumentation skills through scaffolding peer-challenge and self-monitoring in the Foundations of Freedom™-Integrated History Classroom*. Wheeling, WV: Wheeling Jesuit University, Center for Educational Technologies®.

Choi, I., Kim, H., Jung, J. W., & Clinton, G. (2004, March). *A case-based e-learning model for Anesthesiology for dental school students* (Interim Technical Report). Seoul, Korea: Educate Co., Ltd.

Choi, I. (Advisor, Jonassen, D. H.) (2000, January). *Framework for automatic generation of personalized query interfaces to information systems: Adaptive query interfaces based on task differences*. Unpublished final report made to Raytheon Systems Company, State College, PA.

Yim, Y., Jo, M., Bang, M., & Choi, I. (1996). *Analysis on current status of computer education in primary and secondary schools* (Korean). RR 96-9. Seoul: Korean Educational Development Institute.

Kim, S., Yim, Y., Hu, T., Lee, B., Jo, D., & Choi, I. (1996). *Projection of changes in school scales and policy plans: From 1996 to 2021* (Korean). Seoul: The Korean Federation of Teachers' Association.

Kim, O., Choi, I., Lee, K., & Byon, J. (1995). *A policy plan for Korean youth culture toward the information society: Concerning computer games and bulletin board systems* (Korean). Seoul: The Korean Ministry of Culture & Exercise. (Research Center of Korean Youth Culture).

Kim, O, Choi, I, & Park, H. (1994). *Computer and youth culture: How teenagers are exposed to pornography and what are its negative effects* (Korean). Seoul: Research Center of Korean Youth Culture.

Hong, S., Kim, W., & Choi, I. (1992). *Evaluation of traffic safety training program* (Korean). Seoul: Road Traffic Safety Association.

Choi, I., et al. (1988). *A classification of master's & doctoral dissertations on education in Korea: 1945-1988* (Korean). Seoul: Department of Education, Chung-Ang University.

Invited Presentations

Choi, I. (2014, June 20). *Does uncertainty matter in medical practices? A pedagogical framework to enhance students' ability to deal with uncertainty*. Invited lecture at Yonsei University College of Medicine, Seoul, Korea.

Choi, I. (2014, June 9). *Case-based e-learning for enhancing real-world problem solving: Implications to e-PBL design*. Invited lecture at Kyungpook National University School of Medicine, DaeKu, Korea.

Choi, I. (2014, January 20). *Creative teachers and creative teaching: Educational methods to enhancing students' creative problem solving abilities*. A Plenary lecture at the Conference for Creativity and Character Education Experts Development sponsored by the Korea Foundation for the Advancement of Science and Creativity and the Sungkyunkwan University's Institute of Creativity and Character Education Expert Development, Daejeon, Korea.

Choi, I. (2014, January 18). *The essential challenge of the 21st century medical education: How to enable medical students to deal with uncertainty in their medical practices*. Invited lecture at the Annual Workshop for Problem-Based Learning Curriculum Development. InJe University College of Medicine, Busan, Korea.

Choi, I., Lee, Y., Kim, S., & Choi, J. (2014, January 10). *Trends in U.S. forest education and its implications to Korean forest education: Focusing on sustainable development*. Invited Presentation at the International Seminar for Integrating Lifelong Education and Forest Education hosted by the National Institute of Lifelong Education, Jeju, Korea.

Choi, I. (2013, December 14). *Case-based learning for outcome-based curriculum development*. Invited presentation at the Medical School, Konkuk University, Seoul, Korea

Choi, I. (2013, December 13). *Case-based learning for enhancing expertise*. Invited presentation at the Center for Teaching and Learning, Dankook University, Cheonan, Korea.

Choi, I. (2013, December 13). *Case-based learning for enhancing real-world problem solving abilities*. Invited presentation at the Center for Teaching and Learning, Dankook University, Jukjeon, Korea.

Choi, I. (2013, December 12). *Case-based learning for enhancing college students' real-world problem-solving abilities*. Invited presentation at the Center for Teaching and Learning, Kyunghee University, Seoul, Korea.

Choi, I., Qian, Y., and Choi, J. (2013, October 28). Use of open educational resources for children in extreme poverty. Invited presentation at the University of Nations, Kona, HI.

Choi, I. (2013, June 27). *Designing case-based learning for higher education: Enhancing college students real-world problem solving abilities*. Invited session at the annual workshop of Korean Association of Centers for Teaching and Learning, Chonnam, Korea.

Choi, I. (2013, June 22). *E-learning design for enhancing real-world problem solving*. Invited presentation at the BIT's 2nd Annual World Congress of Emerging Info Tech 2013. Dalian, China.

Choi, I. (2013, June 12). *Development and applications of case-based learning resources*. Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I., Schmiedt, C., Park, H., Cornell, K. K., Radlinsky, M. G., & Creevy, K. E., & Lee, Y. (2013, April). *Teaching intra-operative decisions via e-learning*. Invited presentation at the 4th Annual Institute for Evidence Based Health Professions Education Conference, Athens, GA.

Choi, I. (2012, December 28). *Case-based e-learning can change education: Revealing its theoretical, practical, and political power reforming college curricula toward using real-world experiences*. Keynote presented at the annual Conference on Information Technology in Education (2012 CITE), Hainan Island, China.

Choi, I. (2012, December 30). *Lessons learned from ten years' design research on case-based e-learning for real-world problem solving: Coherency, sustainability, & impact*. Invited presentation at the Instructional Systems Seminar Series, Florida State University, Tallahassee, FL.

Choi, I. (2012, September 14). *A war between two pedagogical paradigms: What are your paradigm and your teaching style?* Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I. (2012, September 13). *Bridging gaps between classroom learning and real-world problem solving*. Invited presentation, the Center for Lifelong Education and the Industry Academy Cooperation Foundation, Youngsan University, Busan, Korea.

Choi, I. (2012, September 7). *Case-based learning for enhancing college students' real-world problem-solving abilities: Conceptual and practical approaches*. Invited presentation at the Center for Teaching and Learning, Suwon University, Suwon, Korea

Choi, I. (2012, June 5). *Case-based e-learning for enhancing college students' real-world problem-solving abilities*. Invited presentation at the Center for Teaching and Learning, Ajou University, Suwon, Korea

Choi, I. (2012, May 29). *How to improve real-world problem solving abilities*. Invited presentation at the Department of Educational Technology, An-Dong University, An-dong, Korea.

Choi, I., & Zgambo, A. (2012, May 21). *Factors influencing expert evaluators' real-world decision-making during their evaluation processes*. Invited presentation at the Department of Educational Technology, Ewha Womans University, Seoul, Korea.

Choi, I. (2012, March). *Design principles for effective case-based e-learning*. Invited presentation at the 3rd Annual Institute for Evidence Based Health Professions Education Conference, Athens, GA.

Choi, I. (2012, February 21). *Preparing competent health professionals for real-world problems: What makes competent problem-solvers?: Epistemological and ontological foundations*. Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I., Park, H., Kim, S., & Lee, Y. (2012, February 22). *Preparing competent health professionals for real-world problems: How to develop competency-based curriculum and how to assess competency?* Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I., Kim, S., Lee, Y., & Park, H. (2012, February 23). *Preparing competent health professionals for real-world problems: How to support students in competency-based curriculum*. Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I., Lee, Y., Park, H., & Kim, S. (2012, February 24). *Preparing competent health professionals for real-world problems: Challenges and opportunities toward competency-based curriculum*. Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I. (2011, April). *The emerging roles of Korean schools in the United States*. Invited opening keynote presentation at the Annual meeting of the Southeast Korean School Association, Atlanta, GA.

Choi, I. (2010, December). *Case-based e-learning: Toward real-world problem solving*. Invited presentation at the Global Institute for Talented EDucation (GIFTED), Korean Advanced Institute of Science and Technology (KAIST), Tae-Jeon, Korea.

Choi, I. (2010, December). *How to develop case-based learning resources for enhancing dynamic decision-making skills: A hybrid cognitive task analysis eliciting expert's hidden knowledge*. Invited presentation at a medical education seminar. College of Medicine, InJe University, Busan, Korea.

Choi, I. (2010, December). *Case-based e-learning in health professions education: A middle ground between didactic and problem-based learning*. Invited presentation at the seminar series sponsored by the Institute for Evidence Based Health Professions Education, College of Education and College of Public Health, The University of Georgia, Athens, GA.

Joo, J. & Choi, I. (2010, July). *Educational leadership development*. Invited lecture at the Annual International Conference on Korean Studies organized by the National Association for Korean Schools (NAKS), Seattle, WA.

- Joo, J. & Choi, I. (2010, July). *Global citizenship education*. Invited lecture at the Annual International Conference on Korean Studies organized by the National Association for Korean Schools (NAKS), Seattle, WA.
- Choi, I. (2009, October). *Case-based e-learning: A middle ground between didactic lecture and problem-based learning*. Invited lecture at a medical education seminar. College of Medicine, InJe University, Busan, Korea.
- Choi, I. (2009, October). *Case-based e-learning for enhancing college students' real-world problem solving abilities*. Invited lecture at a junior faculty workshop on Improving Instructional Methods. Teaching and Learning Center, InJe University, Busan, Korea.
- Choi, I. (2008, November). *Case-based e-learning for real-world problem solving*. Invited speaker at the Global HR Forum 2008, Seoul, Korea.
- Choi, I. (2008, October). *Trends in instructional technology research*. Invited lecture at the Department of Education (Instructional Technology Graduate Program), Chung Ang University, Seoul, Korea.
- Choi, I. (2008, March). *Case-based e-learning: Toward real-world problem solving*. Invited lecture at The Graduate School of Human Resource Development, Chung-Ang University, Seoul, Korea.
- Choi, I., the Case-Based e-Learning Group, & Lee, K. (2007, October). *A case-based e-learning environment for enhancing ill-structured problem solving skills: Classroom management dilemma problems for prospective teachers*. Invited presentation in the Design and Development Award Winners Presentation Session at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.
- Lee, K. & Choi, I. (2007, October). *Developing and implementing Web-based case learning for early childhood teacher education*. Invited presentation at 2007 Learning Technologies Showcase sponsored by the Learning Technology Grant Program, the Enterprise Information Technology Services, and the Center for Teaching and Learning at the University of Georgia, Athens, GA.
- Choi, I. (2007, May). *Toward strategic human resource development (SHRD): Bridging the gap between e-learning and performance through improving learning transfer* (Korean). Invited paper presented at the International Seminar on Human Resource Development Sponsored by Chung-Ang University, Seoul, Korea.
- Choi, I. (2006, October). *Case-based interactive e-learning systems: Toward real-world problem solving*. Invited speaker at E-Learn 2006, Honolulu, HI.
- Choi, I. (2005, November). *How to improve instructional methods for training in complex problem solving skills in Human Resource Development Graduate School* (Korean). Invited paper presented at the International Seminar on Human Resource Development by the Collaboration of Sung-Sil University, In-Ha University, and Chung-Ang University, Seoul, Korea.

Refereed Conference Presentations & Workshops

Choi, I. (2014, November). Innovative case-based e-learning design form enhancing real-world problem solving: Three principles and seven strategies. A workshop session to be offered at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Tawfilk, A., Choi, I., Ertmer, P. (2014, November). The role of contextualized learning when designing for problem-solving. Panelist at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Yoon, B., Lee, J., Choi, S., Lee, T., Lee, B., Choi, I. (2014, November). *Using standardized patients vs. video cases as a method of representing clinical problems in Problem-Based Learning*. Paper to be presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Ju, H., & Choi, I. (2014, November). *The role of discussion in problem-based learning for enhancing medical students' hypothetico-deductive reasoning: A conceptual framework*. Paper to be presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Park, H., & Choi, I. (2014, November). *Three definitions of scaffolding and their implications for future research and practices*. Paper (roundtable) to be presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Park, H., & Choi, I. (2014, November). *Development of scaffolding strategies in case-based e-learning module for veterinary clinical problem solving*. Paper (roundtable) to be presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Rong, H., & Choi, I. (2014, November). *Learning from success or learning from failure?* Paper (roundtable) to be presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Lee, Y., Choi, I., Lee, J., & Kim, J. (2014, November). An e-portfolio design framework for medical e-portfolio systems: Linking design guidelines to practical needs. Paper (roundtable) to be presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Ju, H., Choi, I., Yoon, B., Choi, S. Lee, J., & Rhee, B. (2014, May). *Challenges experienced by medical students during their small group clinical reasoning in PBL*. Paper submitted to the annual conference of the Korean Society of Medical Education, Seoul, Korea.

Choi, I., Park, H., Rong, H., Lee, Y., Schmiedt, C., Cornell, K. K., Radlinsky, M. G., & Creevy, K. E. (2013, November). *Theory-informed design of case-based e-learning module to enhance veterinary students' intra-operative decision-making ability*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

Ju, H., Choi, I., Lee, J., & Rhee, B. (2013, November). *Cultural interpretations on challenges experienced by Asian medical students and tutors during their problem-based learning*. Paper

presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

Lee, Y., & Choi, I. (2013, November). *A comprehensive design framework for multipurpose e-portfolio systems*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

Park, H., & Choi, I. (2013, November). *Empirically supported guidelines for designing and implementing effective scaffolding: A critical analysis of empirical studies on scaffolding*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

Choi, I. (2013, September). *Boundaries and integration between different design-based research programs*. Paper presented at an AERA (American Educational Research Association) Education Research Conference—Developing a framework for high quality design-based research: Perspectives from across educational design fields, The University of Georgia, Athens, GA.

Choi, I., Ju, H., Lee, J., & Rhee, B. (2013, May). *Challenges experienced by medical students and tutors during Problem-Based Learning (PBL)*. Paper presented at the annual conference of the Korean Society of Medical Education, Buyeo, Korea.

Choi, I., Park, H., Lee, Y. Ju, H., Schmiedt, C., Cornell, K. K., Radlinsky, M. G., & Creevy, K. E. (2013, February). *Redesigning a didactic course for case-based learning: Learning resources enhancing veterinary students' intro-operative decisions*. Paper presented at the 5th Annual Conference on Higher Education Pedagogy, Virginia Polytechnic Institute and State University, Blacksburg, VA.

Park, H., & Choi, I. (2013, February). *A framework for utilizing scaffolding in higher education*. Paper to be presented at the 5th Annual Conference on Higher Education Pedagogy, Virginia Polytechnic Institute and State University, Blacksburg, VA.

Kopcha, T. J., & Choi, I. (2013, February). *Applying gaming principles and open-source tools to redesign a graduate-level course*. Paper to be presented at the 5th Annual Conference on Higher Education Pedagogy, Virginia Polytechnic Institute and State University, Blacksburg, VA.

Park, H., & Choi, I. (2012, November). *Typology of scaffolding and its learning outcomes: A conceptual framework*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Louisville, KY.

Lee, Y. & Choi, I. (2012, November). *Knowledge management system for enhancing reflective and collaborative decision-making in dynamic situations: A conceptual framework for adaptive interface design*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Louisville, KY.

Joo, J., & Choi, I. (2012, November). *Case-based approaches to learning and teaching: A critical review on the current use and the potential of instructional technologies in case methods*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Louisville, KY.

Choi, I., Hong, Y. C., Kellam, N., Gattie, D., Gay, M., Park, H., Jensen, L. J., & Lee, Y. (2012, June). *Promoting second-year engineering students' epistemic beliefs and real-world problem*

solving abilities through case-based e-learning resources. Paper presented at the annual conference of the American Society for Engineering Education (ASEE), San Antonio, TX.

Kim, J., Roh, H., Lee, J., Lee, B., Park, H., Lee, Y., Kim, S., & Choi, I., (2012, May). *Challenges and opportunities toward competency-based curriculum in Korean medical education*. Poster presented at the annual conference of the Korean Society of Medical Education, Seoul, Korea.

Choi, I., Hong, Y. C., Kellam, N., Gattie, D., Gay, M., Park, H., Jensen, L. J., & Lee, Y. (2011, November). *Effects of case-based e-learning on second year college students' personal epistemic beliefs and problem solving abilities*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Hong, Y. C., Jensen, L. J., & Choi, I. (2011, November). *Understanding instructional designers' reflection through design journals*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Jo, S., Lee, H., & Choi, I. (2011, February). *A profile of NHRD in the 2nd national lifelong learning promotion plan in Korea*. Paper presented at the annual conference of the Academy of Human Resource Development, Chicago, IL.

Choi, I., Hong, Y. C., Kellam, N., Gattie, D. & Gay, M. (2011, January). *Case-based e-learning for solving real-world engineering design problems: Nurturing epistemic growth for second year college students*. A poster presented at the 2011 CCLI/TUES Principal Investigators Meeting (Transforming Undergraduate Education in STEM: Making and Measuring Impacts), Washington, DC.

Choi, I., Hong, Y. C., Kellam, N., Gattie, D. & Gay, M. (2010, October). *Ongoing design of a case-based e-learning system promoting engineering students' personal epistemology and real-world problem solving abilities*. Research/Technical Showcase presented at the E-Learn 2010 - World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, Orlando, FL.

Reeves, T. C., & Choi, I. (2010, October). *Evaluating e-learning*. Workshop presented at the E-Learn 2010 - World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, Orlando, FL.

Hong, Y.C., & Choi, I. (2010, October). *Discovering instructional designers' reflection in performing instructional design tasks*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

Choi, I., Hong, Y.C., Kellam, N., Gattie, D., & Gay, M. (2010, October). *Case-based e-learning for solving real-world engineering design problems: Nurturing epistemic growth of engineering students*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

Choi, I., Hong, Y.C., Kellam, N., Gattie, D., & Gay, M. (2010, October). *A case-based e-learning environment for solving real-world engineering design problems*. Design & Development Showcase presented at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.

- Hong, Y.C., & Choi, I. (2010, May). *Assessing designers' reflective thinking in solving design problems: A survey study*. Paper presented at the annual meeting of American Educational Research Association (AERA), Denver, CO.
- Hong, Y. C., & Choi, I., (2009, April). *An integrated model of reflective practice for learning and solving design problems*. Paper presented at the annual meeting of the American Education Research Association (AERA), San Diego, California.
- Choi, I. (2008, November). *Predictors of successful multimedia case-based learning for complex problem solving: Domain knowledge, epistemic belief, metacognition, and learning style*. Paper presented for the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.
- Hong, Y. C., & Choi, I. (2008, November). *A conceptual framework for studying reflective practice in instructional design problems*. Paper presented for the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.
- Choi, I., Lee, S., Kang, J., & Hong, Y. C. (2008, March). *The role that students' learning styles plays in complex problem solving over time while implementing a case-based e-learning environment*. Paper presented at the annual meeting of the American Education Research Association (AERA), New York.
- Lee, K., & Choi, I. (2008, March). *From disciplinarians to orchestra conductors and to reflective practitioners: Teaching classroom management through case-based pedagogy*. Paper presented at the annual meeting of the American Education Research Association (AERA), New York.
- Choi, I., & Lee, K. (2007, October). *Case-based online learning environment for classroom management problem solving*. Poster session (Design & Development Showcase) presented for the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, CA.
- Choi, I., & Lee, K. (2007, April). *Designing and implementing a case-based learning environment for enhancing ill-structured problem solving skills: Classroom management dilemma problems for prospective teachers*. Paper presented at the annual meeting of the American Education Research Association (AERA), Chicago.
- Choi, I., & Lee, K. (2006, October). *A case-based e-learning environment for facilitating ill-structured problem solving skills: Classroom management*. Paper presented at E-Learn 2006, Honolulu, HI.
- Choi, I., Lee, S., & Jung, J. (2006, October). *Students' perceived benefits of case-based e-learning according to their learning styles*. Paper presented at E-Learn 2006, Honolulu, HI.
- Choi, I., Land, S., & Oh, E. (2006, April). *Instructor modeling and online guidance for peer questioning during online discussion*. Paper presented at the annual meeting of the American Education Research Association (AERA), San Francisco, CA.
- Lee, K., & Choi, I. (2006, April). *Learning classroom management through Web-based case instruction: Implications for early childhood teacher education*. Paper presented at the annual meeting of the American Education Research Association (AERA), San Francisco, CA.

Koszalka, T., Mukerji, K., Bishop, M., Choi, I., Grabowski, B., Reigeluth, C., Persichitte, K., Richey, R., & Wilson, B. (2005, October). *Exploring the vision of technology integration research: Scholars' thoughts on definitions, theories, and methodologies*. Panelist at the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.

Choi, I., & Jung, J. (2005, October). *A hybrid cognitive task Analysis for dynamic decision-making skills: Developing video-based cases and expert modeling*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.

Jung, J., & Choi, I. (2005, October). *Make it smooth!-Framework for analyzing instructional innovation based on activity theory*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.

Choi, I., Land, S., Turgeon, A., & Oh, E. (2005, October). *Enhancing peer-questioning and metacognitive strategies during online discussion: Online scaffolding, instructor modeling, and peers' participation levels*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.

Choi, I., & Land, S. M. (2005, April). *Scaffolding peer questioning and metacognitive strategies during online discussion*. Paper presented at the annual meeting of the American Education Research Association (AERA), Montreal, Canada.

Choi, I., Kang, J., Kim, H., Jung, J. W., & Clinton, G. (2004, November). *A case-based e-learning environment for enhancing dynamic decision-making skills: Anesthesiology*. Poster session presented at E-Learn 2004, Washington, DC.

Kim, H., Kang, J., & Choi, I. (2004, November). *Transforming content-oriented course to case-based e-learning*. Paper presented at E-Learn 2004. Washington, DC.

Choi, I., Kim, H., Kang, J., Jung, J. W., & Clinton, G. (2004, October). *A case-based e-learning model for medical education: Training in dynamic decision-making*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Chicago.

Clinton, G. Jung, J. W., Kang, J., & Choi, I. (2004, October). *Constraints of computer technology and primacy of human presence: The video affordance*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Chicago.

Choi, I., Kim, H., Kang, J., Jung, J. W., & Clinton, G. (2004, June). *A case-based e-learning model for professional education: Anesthesiology for dental students*. Paper presented at ED Media World Conference on Educational Multimedia, Hypermedia, & Telecommunications, Lugano, Switzerland.

Choi, I., Land, S., & Turgeon, A. (2003, April). *Online support for generating effective peer-challenge during asynchronous online small group discussion*. Paper presented at the annual meeting of the American Education Research Association (AERA), Chicago.

Choi, I., Land, S., & Turgeon, A. (2001, November). *Effects of on-line peer-challenge support on learning during on-line small group discussion*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Atlanta, Georgia.

Carr-Chellman, A., Choi, I., & Hernández-Serrano, J. (2000, March). *Simulating the impact of web-based learning on the university*. Paper presented at the Eastern Regional Adult Education Research Conference, University Park, Pennsylvania.

Land, S., & Choi, I. (2000, February). *Project-based learning with an online collaboration tool: A developmental study*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Long Beach, California.

Choi, I., & Hernández-Serrano, J. (1999). *JavaScript: Building components of learning environments* (One day Workshop). Workshop accepted at the annual conference of the Association for Educational Communications & Technology (AECT), Houston, Texas.

Land, S., Choi, I., Toto, R., Armbruster, A., Lai, T., & Ge, X. (1999). *Social scaffolding in web environments: C-Net*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Houston, Texas.

Choi, I., & Hernández-Serrano, J. (1999). *How to use JavaScript for developing web-based learning environments*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Houston, Texas

Ge, X., Armbruster, A., Choi, I., Lee, K., Schardt, L., & Tan, S., (1999). *Integrating technology in learning: Constructivist learning environments for technology coordinators*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), Houston, Texas.

Choi, I. (1998). *Optimal shifting of fidelity levels in computer-based instructional simulation*. Paper presented at the annual conference of the Association for Educational Communications & Technology (AECT), St. Louis, Missouri.

Non-Refereed Conference Presentations

Choi, I., Park, H., Rong, H., Lee, Y., Schmiedt, C., Cornell, K. K., Radlinsky, M. G., & Creevy, K. E. (2014, April). *An innovative case-based e-learning module to enhance veterinary students' intra-operative decision-making ability*. Poster presented at 2013 College of Education Graduate Student/Faculty Research Conference, UGA, Athens, GA.

Derek A. S., & Choi, I. (2002). *Training decision-making skills for resident assistants via the Internet*. Presented at the Third Annual Tech Fest, Western Illinois University, Macomb, Illinois.

Hernández-Serrano, J., & Choi, I. (1999). *Building on-line learning components with JavaScript*. Presented at the Exploring Learning Technologies Conference, Pennsylvania State University, University Park, Pennsylvania.

Workshops

Choi, I. (June 23, 2013). *How to design case-based e-learning for college classroom*. Faculty Professional Development Workshop at Kyung Hee University College of Nursing Science, Seoul, Korea.

Choi, I. (January 3, 2014). *Developing case-based learning resources: Flexible and feasible pedagogy*. Professional Development for Medical Education Department. College of Medicine, InJe University, Busan, Korea.

Choi, I. (December 20-21, 2013). *Designing case-based e-learning environments for enhancing real-world problem solving: Three principles and seven strategies*. An Intensive Workshop for CTL Professionals. Korean Association of Centers for Teaching and Learning, Busan, Korea.

Choi, I. (June 26, 2013). *How to design case-based learning for college classroom*. Faculty Professional Development Workshop, Silla University, Busan, Korea.

Choi, I., & Kim, S. (Feb. 13 & 15, 2012). *Birding the gap between college classroom learning and real-world problem-solving through case-based learning*. Faculty Professional Development Workshop, DaeLim College, An-Hyang, Korea.

Choi, I. (Dec. 16, 2011). *Birding the gap between college classroom learning and real-world problem-solving through case-based e-learning* (Professional development workshop for Korean faculty members from DaeLim College). Athens, GA.

Choi, I. (Jan. 6-5, 2011). *Systemic lesson design*. New Instructor Training for the Korea Science Academy of KAIST at KAIST GIFTED (Korean Advanced Institute of Science and Technology, Global Institute for Talented Education), Dae-Jeon, Korea.

Choi, I. (Dec. 6 & 17, 2010). *Birding the gap between college classroom learning and real-world problem-solving through case-based e-learning* (Professional development workshop for Korean faculty members from DaeLim College). Athens, GA.

Choi, I. (Oct. 28, 2008). *Faculty evaluation processes at research institutions: Focusing on the University of Georgia*. Center for Teaching and Learning, Chung-Ang University, Seoul, Korea.

Rieber, L., Choi, I., & Altalib, S. (2006, March). *eLearning: SCORM, LMSs, & Learning Objects*. Presented at the University of Georgia and Virtual University of Tunis (UGA-UVT) E-learning workshop. University of Georgia, Athens, GA.

Media Interviews

Hains, A. (2006, January 17). Hidden knowledge: Education professor's e-learning program uses technology to overcome barriers in classroom. *Columns*.

Teenagers' misuse of computers (1994). [Television series episode]. In *Call 2580: Magazine for current issues*. Seoul, Korea: Munhwa Broadcasting Corporation.

Invited Meetings

The 2nd Expert Meeting for Preparing the International Platform for Learning Cities (2013, June 4). Hosted by National Institute for Lifelong Education, UNESCO Institute for Lifelong Learning, and Jeju Institute for Lifelong Education, Jeju, Korea.

GRANTS

Grants/Contracts Received

Choi, I., Hodge, E., Hill, R., Mativo, J., Kopcha, T. (2014-2015). STEM-integrated robot education. About \$140,609 from Roboro Co., Ltd., Korea.

Li, K., Perdisci, R., & Choi, I. (2013 - 2015). Enhancing and broadening computer security education with stepwise and reusable problem-solving challenges. Received \$ 299,269 from National Science Foundation (Federal Cyber Service: Scholarship for Service).

Diessler, C., Kopcha, C., & Choi, I. (2013 - 2014). Inquiry in action: An implementation and evaluation study of the impact of the Natural Inquirer on teaching and learning. The United State Department of Agriculture Forest Service (Research Contact).

Choi, I. (2013-2015). An evaluation study of Korean forest education for children and adolescents. Green Ranger Organization (Research Contract).

Choi, I. (2013). Summer 2013 Innovative Instruction Faculty Grant. The Office of the Vice President for Instruction. The University of Georgia.

Creevy, K. E., Schmiedt, C., Cornell, K. K., Radlinsky, M. G., & Choi, I. (2013-2014). Evaluating a case-based e-learning module for enhancing decision-making in small animal soft tissue surgery. Received \$9,405 from The University of Georgia Research Foundation (Faculty Research Seed Grants Program).

Choi, I. (2012, Summer). The role of professionalism in solving real-world problems: A conceptual framework. 2012 COE Summer Research Grant Program. The University of Georgia.

Schmiedt, C., & Choi, I. (2011-2013). Developing case-based learning modules for enhancing intra-operative decisions in small animal soft tissue surgery. Received \$29,680 from the University of Georgia (Learning Technologies Grants Program).

Choi, I., Kellam, N., & Gattie, D. (2009-2011). *Case-based e-learning for solving real-world engineering design problems: Nurturing epistemic growth for second year college students*. Received \$150,000 from National Science Foundation (Course, Curriculum, and Laboratory Improvement-CCLI, 08-546).

Kellam, N., Choi, I., & Gattie, D. (2008-2010). *Preparing engineering students to be global citizens with case-based e-learning technology*. Received \$30,000 from the University of Georgia (Learning Technologies Grants Program).

Choi, I. (2007). *Integrating three types of knowledge to enhance real-world problem solving abilities in the college classroom*. Received \$9,868 from the College of Education at the University of Georgia (Early Career Faculty Grant Program).

Zhang, G., & Choi, I. (2006-2008). *Training innovative engineers in Nanotechnology with multimedia case-based learning*. Received \$24,919 from the University of Georgia (Learning Technologies Grants Program).

Aron, D., & Choi, I. (2005-2007). *Developing multimedia-based case training for small animal orthopedic surgery*. Received \$22,030 from the University of Georgia (Learning Technologies Grants Program).

Choi, I. (2006). *A framework for integrating three types of knowledge to enhance real-world problem solving and its implications for designing technology-enhanced learning environments*. Awarded \$7,156 to the College of Education at the University of Georgia (Early Career Faculty Grant Program)—declined.

Lee, K., & Choi, I. (2004-2006). *Developing and implementing Web-based case learning for early childhood teacher education*. Received \$24,918 from the University of Georgia (Learning Technologies Grants Program).

Choi, I. (2003-2005). *Online case-based learning: Cognitive benefits of online cases in learning and problem solving—Anesthesiology*. Granted \$97,700. Received \$45,772 from Educate Co. Ltd., Seoul, Korea to the University of Georgia.

Choi, I. (1999-2000). *Automatic generation of personalized query interfaces to information systems: Adaptive query interfaces based on task and individual differences*. Received \$30,000 from Raytheon Systems Company (through the Center for Intelligent Information Processing) to Penn State, State College, PA.

Kim, O., & Choi, I. (1994-1995). *A policy plan for Korean youth culture toward the information society: Concerning computer games and bulletin board systems* (Korean). Received \$55,000 from The Korean Ministry of Culture & Exercise to the Research Center of Korean Youth Culture, Seoul, Korea.

Choi, I. (1993). *How teenagers are exposed to pornography and what are its negative effects* (Korean). Received a research fellowship from Research Center of Korean Youth Culture, Seoul, Korea.

Grants/Contracts Submitted but Not Yet Accepted/Awarded

Murray, D., Shannon, G., Birch, L., Cotwright, C., Lee, J., Choi, I., Phua, J. (2014-2015). *SNAP-ED FY15*. Requested to \$1,999,999 to Georgia State Department of Human Services.

Choi, I., Hodge, E., Mativo, J., Kopcha, T. (2014-2017). *The Globally-Connected STEM Classroom: Cultivating R2C2 (Respectful, Reflective, Collaborative, and Creative) Student Minds for a Sustainable Future*. Requested \$448,554 to the National Science Foundation (Discovery Research K-12).

Other Experience with Grants or Funded Research

Lee, H. S., et al. (2007). *Future education in Korea*. Submitted through Chung-Ang University. Awarded \$100,000 from the Korean Ministry of Education & Human Resources Development. (Role: co-researcher)

Member of Engineering Education Research Group (EERG). The University of Georgia. (2007-present).

- EERG (2007, Sep. 28). *STEM (Science, Technology, Engineering, and Mathematics) Teaching & Learning*. Board of Regents Enhancement Request for FY 2009. (Requested \$4,302,000).
- EERG (2008, Feb. 15). *We engineer—I engineer*. A Letter of Intent (LOI) submitted to the Innovative Technology Experiences for Students and Teachers (ITEST) program, National Science Foundation.

AWARDS AND HONORS

Jerrold Kemp Endowed Lecture Series Award (2013, October). The annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, California.

D&D Presidential Service Award (2011, November). Design & Development Division at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.

Best Poster Award (2010, October). The E-Learn 2010 - World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education, Orlando, FL.

D&D Outstanding Service Award (2009, October). Design & Development Division at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, California.

D&D Outstanding Practice Award (2007, October). Design & Development Division at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, California.

D&D Showcase Award (2007, October). Design & Development Division at the annual conference of the Association for Educational Communications & Technology (AECT), Anaheim, California.

D&D Outstanding Practice Award (2005, October). Design & Development Division at the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, Florida.

Cochran Internship (2000, October). ECT Foundation at the annual conference of the Association for Educational Communications & Technology (AECT), Denver, Colorado.

Graham Fellowship (1998 - 2001), The Pennsylvania State University.

Mark Davidson Travel award to attend AECT Conference (February 1999). Funding: Instructional Systems Program, The Pennsylvania State University.

Membership (1998). Pi Lambda Theta International Honor Society and Professional Association in Education.

Distinguished Graduate Scholarship (1993). Chung-Ang University.

Harold Lady Outstanding Student Award (1992). Graduation Commencement, Chung-Ang University.

Outstanding Student Scholarship (1990). Chung-Ang University.

A Certificate of Merit in the 1st National Contest of Personal Computer Programming (1984). Korean Institute of Science & Technology.

SELECTED MEDIA DEVELOPMENTS

Choi, I., Park, H., Schmiedt, C., Creevy, K. E., Cornell, K. K., Radlinsky, M. G., & Lee, Y. (2011-2013). *A case-based e-learning module to enhance veterinary students' intra-operative decision-making ability* (ver. 2013). The University of Georgia. (<http://surgery.coe.uga.edu/surgery/>).

Choi, I. (Director & instructional designer), Hong, Y. (Project manager & instructional designer), Kellam, N. (Subject matter expert), & Gattie, D. (Subject matter expert). *Real world engineering: A case-based e-learning environment for engineering design problem solving* (prototype 2008; ver. 2010, ver. 2011, ver.2012). The University of Georgia.

Choi, I. (Co-director & instructional designer), & Lee, K. (Co-director & subject matter expert) (2005-2006). *A case-based e-learning environment for dilemma problem solving--Classroom management course* (ver. 2005a, 2005b, 2006). The University of Georgia. (<http://projects.coe.uga.edu/ikechoi/cmepsdemo/>)

Choi, I. (Director and instructional designer), & Kang, J. (Subject matter expert) (2004-2005). *A case-based e-learning environment for Anesthesiology* (ver. 2004, 2005). The University of Georgia and Yonsei University College of Dentistry. (<http://projects.coe.uga.edu/cbel/AnesthesiologytutorialEN/>)

Land, S. (Advisor), Turgeon, A. (Supervisor), & Choi, I. (Designer/Programmer) (2000). *Collaboration, Negotiation, and Evaluation Tool for Case-based learning (CoNet-C, ver. 1.x)*. [An internet-based instructional tool developed with HTML, JavaScript, Internet Database Connection, Active Server Page, Structured Query Language]. University Park, Instructional Systems Program & Turfgrass Management Program, Pennsylvania State University.

Choi, I., & Hernández-Serrano, J. (2000). *A simulation to project Web-based learning diffusion in a university setting*. University Park, Instructional Systems, Pennsylvania State University.

Land, S. (Project Director/Researcher/Designer), & Choi, I. (Researcher/Designer /Programmer) (1999, 2000). *Collaboration, Negotiation, and Evaluation Tool for Project-based learning (CoNet, ver. 1.x - 2.x)*. [An internet-based instructional tool developed with HTML, JavaScript, Internet Database Connection, Active Server Page, Structural Query Language]. University Park, PA: Instructional Systems Program, Pennsylvania State University.

Choi, I. (Designer/Programmer/Subject Matter Expert), & Hernández-Serrano, J. (Designer/Programmer/ Subject Matter Expert) (1999). *Expert systems: JavaScript expert debugger*. [On-line software developed with HTML, JavaScript, Structured Query Language,

Internet Database Connection; Performance & learning support tool]. Pennsylvania State University.

Choi, I. (Designer/Programmer), Hernández-Serrano, J. (Designer/Programmer), Calaric, S. (Designer/Content Expert) (1999). *Case library for turfgrass management*. [On-line software developed with HTML, JavaScript, Structured Query Language, Internet Database Connection; Performance & learning support tool]. The Pennsylvania State University.

Choi, I. (Project Directing Consultant/Instructional Designer), et al. (1996). *Solving ethical dilemmas in business*. [A two-week, intranet, multimedia-based industrial training program]. Seoul: LG Caltex Co., Ltd. & Educational Information System Co., Ltd.

Choi, I. (Project Manager/Instructional Designer), et al. (1996). *Distance learning system for high school students in Korean Education Network*. [Tenth & eleventh grade Korean, English, & Math; Covered two-year curriculum; Audio & text-based on-line instruction]. Seoul: Korean Educational Development Institute An Annex Center for Educational Multimedia Research & Development.

TEACHING

Introduction to Computers for Teachers (EDIT 2000). The computer and its educational applications for preservice teachers. Computer-based education in the areas of instruction, text and data processing, multimedia, and telecommunications.

Teaching with Technology (EDIT 2020). Focuses on creating problem-centered teaching and learning environments using technology. Design and creation of products for learning environments will take place through numerous activities with various technologies.

Design & Development Tools (EDIT 4160). Students learn a variety of tools appropriate for computer-based development. These include graphics, media, and software development tools. Students are required to write a contract for the specific tools to be learned.

Learning Environments Design (EDIT 4210). Contemporary learning theories of the design of interactive environments for information retrieval, learning, and performance support. Students and faculty work in teams to produce interactive environments.

Introduction to Computer-Based Education (EDIT 6150). The computer and its educational applications. Computer-based education in the areas of instruction, text and data processing, multimedia, and telecommunications.

Learning Environments Design I (EDIT 6200). Instructional design, learning theory, project management, and evaluation of interactive learning environments for education and training. Students and faculty work in teams to create the environments.

Emerging Perspectives on Learning, Teaching, and Technology (EDIT 6400). Theoretical and research foundations of emerging perspectives on learning, teaching, and human performance, with an emphasis on the ways technological environments can be designed to support these areas.

Educational Television Production (EDIT 4500/6500). Design, production, and use of digital and analog video. Laboratory experiences with studio and portable cameras; editing and other

equipment suitable for school use.

E-Learning Evaluation (EDIT 8350). Planning, conducting, analyzing, and reporting systematic evaluations of e-learning programs.

Doctoral Research Seminar (EDIT 8990). Developmental forum for establishing, clarifying, and evolving student's perspectives on instructional technology research. Heighten awareness of critical issues in the field and areas of disciplined inquiry.

Doctoral Topical Seminar: Real-world problem solving (EDIT 9990). Cognitive models, knowledge representation and elicitation methods, learning environments design, and evaluation methods related to ill-defined, real-world problem solving.

Doctoral Topical Seminar: Reasoning in context: A spectrum of medical reasoning (EDIT 9990). A typology of medical reasoning and its implications to the medical education.

ACADEMIC ADVISING

Doctoral Program Advisees: 8

Hyojin Park, 2011 – Present (Major advisor)
 Youn Seok Lee, 2011 – Present (Major advisor)
 Hyunjung Ju, 2012 – Present (Major advisor)
 Supriya D. Mishra, 2013 – Present (Major advisor)
 Sejin Kim, 2013 – Present (Major advisor)
 Rong Hui, 2013 – Present (Major advisor)
 Jasmine Choi, 2014 – Present (Major advisor)
 Seungki Shin, 2014 – Present (Major advisor)

Doctoral Dissertation Advisees: 3

Thomas Lechner, 2007 – 2011 (Major advisor)
 Yi-Chun Hong, 2006 – 2011 (Major advisor)
 Anita F. Zgambo, 2008 – 2012 (Major advisor)

Doctoral Dissertation Committee Member: 11

Saun Shewanown, 2005 – 2006	David Porcaro, 2008 – 2011
Greg Clinton, 2004 – 2007	Victor Colo, 2009 – 2011
Chun-Min Wang, 2004 – 2007	Elizabeth May, 2009 – 2011
Sang Joon Lee, 2006 – 2009	Yan Shen, 2008 – 2012
Diane Igoche, 2009 – 2010	Hanna Moon, 2013 – 2013
Gregory Wilson, 2013 – Present	

Doctoral Dissertation Committee Member in other universities: 1

Heng Luo (Syracuse University), 2012 - present

Research Master's Program Advisee: 2

Yingxiao Qian, 2013 – Present	Racchit Thapliyal, 2013 – Present
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Master's Program Advisees (Non-thesis): 21

Hiliary Johnson, 2004 – 2005	Eun Ju Jung, 2007 – 2009
Yi-Chun Hong, 2004 – 2005 (Distinction)	I-Young Hou, 2007 – 2009

Willie Mazyck, 2005 – 2006	Roman Gaddis, 2007 – 2009
Mungjin Tollett, 2005 – 2006 (Distinction)	Jungrok Kwon, 2008 – 2010
Hyoseon An, 2005 – 2007	Melissa Gay, 2008 – 2010 (Distinction)
Jeremiah Grabowski, 2005 – 2007	Laura Heilman, 2009 – 2010
Jung Eun Shim, 2005 – 2007 (Distinction)	Michael Buchanan, 2005 – 2011
Andrew Mason, 2006 – 2007	Alfredo Hernandez, 2008 – 2012
Huei Hsien Liu, 2006 – 2008	Guanhua Chen, 2012 – 2013 (Distinction)
Caroline Bishop, 2006 – 2008 (Distinction)	Jasmin Choi, 2013 – 2014 (Distinction)
Heuseon Lim, 2007 – 2008	

Master's Portfolio Examination Committee Member: 28

Patti Dunn, 2004	Thomas Macaulay, 2004	Seow Chong Want, 2004
Yun-Shuang Chang, 2005	Wilian Dang, 2005	Emily R. Adams, 2005
Brandy Bellamy, 2005	Anika Francis, 2005	Brandy Bellamy, 2005
Kay Sauers, 2006	Li Yue, 2006	Jinn-Wei Tsao, 2007
Danielle Jones, 2007	Shikha Jain, 2007	Stuti Garg, FA2007
Emily Pitts, 2007	Jamal Olusesi, 2007	Kim Rodriguez, 2007
Hsing-Mei Kung, 2007	Kazuya Takahashi, 2007	Rob Mosteller, 2008
Jea Choi, 2009	Suhwa Lee, 2009	Charles Parker, 2009
Chrissi Macgregor, 2009	Sean Boyle, 2010	Clayton Shaw, 2010
Natasha Barreto, 2010		

Post-doctoral fellows and visiting scholars/students hosted

- Dr. Junho Jo. (2014-2015). Visiting scholar from the Department of Emergency Medicine, Inje University College of Medicine, Haeundae Paik Hospital, Busan, Korea r.
- Dr. Bo-Young Yoon (2013-2014). Visiting scholar from the Department of Rheumatology, Inje University College of Medicine, Ilsan Paik Hospital, Ilsan, Korea
- Dr. Young Kwon Bae (2013-2014). Visiting scholar from the Department of Computer Education, Daegu National University of Education, Daegu, Korea.
- Dr. Junsu Kim (2012-2013). Visiting scholar from the Department of Family Medicine, Inje University College of Medicine, Pusan Paik Hospital, Busan, Korea.
- Dr. Youngsik Jung (2011). Visiting scholar from Korea Education Development Institute (KEDI), Seoul, Korea.
- Dr. SoonOk Jo (2009-2012). Post-doctoral fellow sponsored by the Korean Research Foundation.
- Eunkyun Yeon (2009). Visiting student from the Department of Education. Seoul National University, Seoul, Korea.
- Dr. JungWon Kang (2003-2005). Visiting scholar from the Department of Oral & Maxillofacial Surgery, Yonsei University College of Dentistry, Seoul, Korea.

PROFESSIONAL SERVICE

Editorial Service

Editorial Board, *Educational Technology Research and Development* (Research Section), 2010 – 2011.

Consulting Editor, *Educational Technology Research and Development* (Research Section), 2005 – present.

Consulting Editor, *Educational Technology Research and Development* (Development Section), 2009 – present.

Editorial Board, *Journal of Information Technology and Application in Education*, 2012 – present.

Editorial Board, *Journal of Korean HRD Research*, 2009 – present.

Editorial Board, *Journal of Korean Educational Technology*, 2007 – 2008.

Editorial Board, *International Journal of Educational Media & Technology*, 2007 – 2011.

Editorial Board, *Forum for Youth Culture*, 2007 – present.

Ad hoc Reviewer, *Canadian Journal of Learning and Technology*, 2003.

Proposal Reviewer, American Educational Research Association, 2005.

Proposal Reviewer, IEEE International Conference on Advance Learning Technologies, 2005, 2007.

Proposal Reviewer, The Association for Educational Communications & Technology, 1999.

Professional Affiliations

American Education Research Association

Association for Educational Communications & Technology

Association for the Advancement of Computing in Education

Korean Society for Educational Technology

Human Factors and Ergonomics Society

Selected International or National Services

Chair of the Steering Committee (January 10, 2014). International Seminar for Integrating Lifelong Education and Forest Education. Hosted by the National Institute for Lifelong Education. Jeju, Korea. (Initiated and organize the seminar; Chair of the seminar and the discussion).

Initiated and established an international partnership (MOU) between UGA and the Korea National Institute for Lifelong Education (NILE) (2013).

Academic Advisory Board Member (2013, Summer). Pearson Learning Solutions. Provide research-based recommendations on learning design considerations across a range of post-secondary levels.

External Reviewer (2013, March). Training e-Learning Quality Assurance Specialists, funded by Korean Science Foundation under Brain Korea 21 program, Ewha Womans University, Seoul, Korea.

Guest lecture (Feb. 21, 2013). *Case-based e-learning environments for enhancing college students' real-world problem solving abilities* (Online lecture). EPSY 5240, Interactive Learning Environments, University of Connecticut, CT.

Invited talk (Jan. 8, 2013). Coherency, Sustainability, & Impact: Lessons learned from ten years' design research on case-based learning environments for real-world problem solving. Ewha Womans University, Seoul, Korea.

Awards Coordinator (2012 – present). Design & Development Division, the Association for Educational Communications & Technology (AECT).

External Reviewer (2012). A promotion and tenure candidate from The University of Florida.

External Reviewer (2012). A promotion and tenure candidate from The University of Oklahoma.

External Reviewer (2012). A promotion candidate from The University of Michigan.

Initiated and established an international partnership between UGA and the University of Suwon (2012); developing a new E-Learning Department curriculum at University of Suwon through E-Learning online certificate program offered by the Learning, Design, and Technology Program at UGA.

Facilitated a collaboration between the University of Georgia (Dept. of Adult Education) and Daelim College at Seoul, Korea in order to develop a faculty training program (Global Career and Human Resource Development Certificate) for Dealim college (10 faculty members visited UGA to take one week workshop (December, 2011).

Local Arrangements/Committee Co-Char (July 6-8, 2011). The 11th IEEE International Conference on Advanced Learning Technologies, Athens, GA.

Tutorial Chair (July 6-8, 2011). The 11th IEEE International Conference on Advanced Learning Technologies, Athens, GA.

Invited talk (Jan. 4, 2011). *How to develop case-based learning resources for enhancing dynamic decision-making skills: A hybrid cognitive task analysis eliciting expert's hidden knowledge.* Department of Educational Technology, Ewha Womans University, Seoul, Korea.

Guest lecture (Dec. 21, 2010). *Emerging trends in the field of educational technology.* Department of Educational Technology, Ewha Womans University, Seoul, Korea.

Facilitated a collaboration between the University of Georgia (Dept. of Adult Education) and Daelim College at Seoul, Korea in order to develop a faculty training program (Global Career and Human Resource Development Certificate) for Dealim college (24 faculty members visited UGA to take one week workshop (December, 2010).

External Reviewer (2010, Mar). Training e-Learning Quality Assurance Specialists, funded by Korean Science Foundation under Brain Korea 21 program, Ewha Womans University, Seoul, Korea.

Co-Chair (March 26-27, 2010). Special Conference for Educational Design Research: Local Change & Global Impact. The University of Georgia, Athens, GA.

Guest lecture (Oct. 26, 2009). *Case-based e-learning: Toward real-world problem solving.* Department of Educational Technology, Ewha Womans University, Seoul, Korea.

Faculty workshop (Oct. 28, 2008). *Faculty evaluation processes at research institutions: Focusing on the University of Georgia.* Center for Teaching and Learning, Chung-Ang University, Seoul, Korea.

Principal (2009-2010). Athens Korean Culture School, Athens, GA

Co-Initiator and co-advisor (2009, 2010, 2011). The Korean Christian Youth Conference, the University of Georgia, Athens, GA. A 3-day camp promoting the development of sound identity for socio-economically disadvantaged middle and high school Korean-Americans. Mobilized and advised college students in the Athens and Atlanta areas to serve the next generation and their community.

Guest lecture (Oct. 28, 2008). *Case-based e-learning for real-world problem solving*. Instructional Technology graduate course, Chung-Ang University, Seoul, Korea.

Guest lecture (Oct. 29, 2008). *You are a global citizen: Beyond the Korean citizenship*. Department of Education, Chung-Ang University, Seoul, Korea.

Guest lecture (Oct. 30, 2008). *Current trends in educational technology research: Reflecting on two issues*. Educational Technology graduate course, Chung-Ang University, Seoul, Korea.

Guest lecture (March, 2008). *Toward the global studio*. Department of Educational Technology, Ewha Womans University, Seoul, Korea.

Initiated and coordinated the CAU-UGA Global Students Forum 2008 (Lifelong Education & Human Resources Development: Focused on the Future), Chung-Ang University, Seoul, Korea (Nov. 31, 2008).

Board Member (2008 – 2011). Design & Development Division, the Association for Educational Communications & Technology (AECT).

External Curriculum Reviewer (2008- Present). *Global Leadership Development Institute*. Los Angeles, CA (a 40-day summer camp for Korean-American college students to develop their global leadership).

Grant Proposal External Reviewer (2008). Strategic Technology Development Program. Korean Industrial Technology Foundation & Korean Ministry of Knowledge Economy.

Chair (2008 - 2011). Design & Development Showcase (Design & Development Division) at the annual conferences of the Association for Educational Communications & Technology (AECT).

Invited Talk (Dec. 1, 2007). *Global leadership and mission trips*. The annual meeting for short-term missions New York Queens Korean Church. NY.

Co-researcher, Global HRD project. Chung-Ang University. (2006-present).

Coordinating faculty member, International cooperation in Human Resource Development and Instructional Technology between the University of Georgia and the Chung-Ang University (2005 - Present).

Visiting Scholar at Chung-Ang University, Seoul, Korea (July 10 - August 4, 2006).

Visiting Scholar at the University of Puerto Rico. Establishing long-term collaborative research agenda on case-based learning and problem solving. (June 12-23, 2006).

Invited Talk. Appropriate instructional models for different learning outcomes. CyberMBA, Co., Ltd., Seoul, Korea. (Nov. 18, 2006)

Invited Talk. Toward a successful instructional reform with technology. KERIS (Korea Education Resource Information Service), Seoul, Korea. (Nov. 18, 2006).

Facilitated and coordinated international collaboration/meetings between UGA and Chung-Ang University, Seoul, Korea, in the fields of Human Resource Development and Instructional Technology. (Nov. 14-17, 2005).

Coordinated, moderated, and translated six international meetings and seminars for discussing online education between Korean delegations from the Korean Council for Online Universities and Penn State researchers and practitioners at the Pennsylvania State University, University Park, PA. (Nov. 17, 2004).

Hosted Korean delegations from the Korean Council for Online Universities. Moderated and translated an international meeting and an international seminar for online education at The University of Georgia, Athens, GA. (Nov. 15, 2004).

Educational Researcher. Conducted an educational research and provide consultations for the classroom use of Foundation of Freedom™. Wheeling, WV: Wheeling Jesuit University, Center for Educational Technologies®. (2003-2004).

Evaluation Advisory Committee for the Development of Korean High School Distance Education Program. Korean Educational Development Institute, Seoul, Korea. (2004).

Coordinator, A national seminar: Information age & Korean youth culture. Sponsored by Research Center of Korean Youth Culture, Seoul, Korea. (May 13, 1994)

Coordinator, A national seminar: Developing Korean youth culture in information age. Sponsored by Research Center of Korean Youth Culture, Seoul, Korea. (May 2, 1995)

Selected Local Services

Bylaws Committee, CIS, The University of Georgia, (2011 – present)

Invited Talk. Case-based e-learning in health professions education: A middle ground between didactic and problem-based learning. College of Veterinary Medicine, The University of Georgia (Aug. 25, 2011)

LDT Ph.D. Program Committee, EPIT, The University of Georgia (2010-2011)

LDT Junior Faculty Mentoring Committee, EPIT, The University of Georgia (2010-present)

Panelist, Fall 2010 Faculty Development Workshop (Theme: Building Partnerships), College of Education, The University of Georgia (Nov. 10, 2010)

Member, Building Research Capacity Committee, College of Education, The University of Georgia (2010-present)

Affiliate Member, Faculty of Engineering, The University of Georgia (2007-present)

Member, Engineering Education Research Group. The University of Georgia. (2007-present).

Panelist at 3rd year review workshop, COE, UGA (Jan. 29, 2007).

Search committee, EPIT, The University of Georgia (Fall 2006 – Spring 2007)

Sunshine committee, EPIT, The University of Georgia (2005 – present)

Instructional Design and Development Program Committee. Department of Educational Psychology and Instructional Technology, The University of Georgia. (2004-present).

Seminar Committee. Department of Educational Psychology and Instructional Technology, The University of Georgia. (2004-2005).

Committee Member of Undergraduate Academic Affairs. College of Education and Human Services, Western Illinois University. (2002).

Assistant Professor Search Committee, Western Illinois University. (2002).

Co-founder and the first Principal of Macomb Korean Culture School, United Methodist Church, Macomb, IL. (2002).