

YI-CHUN HONG

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EDUCATION

Ph.D. in Learning, Design, and Technology, August 2006 – August 2011

University of Georgia, Athens, GA

Dissertation Title: Exploring novice designers' reflective thinking in solving design problems

M.Ed. in Instructional Technology, August 2004 – December 2005

University of Georgia, Athens, GA

M.Ed. Portfolio defense pass with distinction

B.S. in Applied Foreign Language, September 1999 – June 2001

National Yunlin University of Science and Technology, Taiwan

PROFESSIONAL APPOINTMENT

Assistant Professor, 2015 – Present

Arizona State University, Tempe, AZ

Instructional Designer, 2012 –2015

Arizona State University, Phoenix, AZ

Post-Doctoral Fellow, 2011 –2012

National Central University, Taiwan

Project Manager and Graduate Research Assistant, 2006 –2011

Case-Based e-Learning Group

University of Georgia, Athens, GA

Instructor of Record (Graduate Teaching Assistant), 2006 –2009

University of Georgia, Athens, GA

Textbook Development Editor, 2003 –2004

Pearson Education (Longman), Taiwan

PUBLICATION

Referred Journal Article

- Kleinasser, R. C., & **Hong, Y.-C.** (2017). Graduate students' antecedents to meaningful and constructive discussions: Developing potential collaborative online interactions. *Journal of Formative Design in Learning*, 1(2), 84-98.
- Kleinsasser, R. C., & **Hong, Y.-C.** (2016). Online group work design: Processes, complexities, and intricacies. *TechTrends*, 60(6), 569-576.
- **Hong, Y.-C.**, & Choi, I. (2015). Assessing reflective thinking in solving design problems: The development of a questionnaire. *British Journal of Educational Technology*, 46(4), 848-863.
- **Hong, Y.-C.**, & Choi, I. (2011). Three dimensions of reflective thinking in solving design problems: A conceptual model. *Educational Technology Research & Development*, 59(5), 687-710.
- **Hong, Y.-C.** (2009). Reflection as a means of developing design problem solving skills in the corporate world. *Journal of Korean Human Resource Development Research*, 4(2), 37-54.

Non-Referred Journal Article

- Elwood, K.*, **Hong, Y.-C.**, & Savenye, W. (2017). Review of Spector, J. M., & Yuen, A. H. K. (2016). Educational Technology program and project evaluation. New York: Routledge. *TechTrends*. Available online at: <http://link.springer.com/article/10.1007/s11528-017-0224-y>
- **Hong, Y.-C.** (2015). A review of "Inclusive Technology Enhanced Learning: Overcoming Cognitive, Physical, Emotional & Geographic Challenges". *The Journal of Educational Research*, 108(1), 77-78. doi: 10.1080/00220671.2014.981064
- **Hong, Y.-C.**, Clinton, G., & Rieber, L. P. (2014). Designing creative interactions for educational multimedia. *Educational Technology*, 54(2), 20-25.
- **Hong, Y.-C.** (2011). ect Cornerstone: Take the challenge for transformation. *TechTrends*, 55(2), 19-20.

[* Indicates that the co-author was a student at the time the manuscript was written.]

Chapter in Book

- **Hong, Y.-C.**, & Kao, M.-H. (2017). Exploration of students' online discussion engagement in statistics collaborative learning. In K. A. Perschitte, A. Suparman, & J. M. Spector (Eds.). *Educational technology to improve quality and access on a global scale* (pp. 143-156). Cham, Switzerland: Springer.
- Savenye, W., & **Hong, Y.-C.** (2017). Instructional sequences. In A. A. Piña (Ed.). *Instructional design standards for distance learning*. Bloomington, IN: Association for Educational Communications and Technology.
- 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, S. Puntambekar, P. Goodyear, B. L. Grabowski, J. Underwood, & N. Winters (Eds.), *Handbook of design in educational technology*. New York: Routledge.

- Blackmon, M., **Hong, Y.-C.**, & Choi, I. (2007). Case-based learning. In M. Orey (Ed.), *Emerging perspectives on learning, teaching, and technology*. Athens, GA: University of Georgia.

Proceeding

- **Hong, Y.-C.**, & Kao, M.-H. (2016, July). Examination of students' online discussion engagement in Statistics collaborative learning activities. Educational Technology World Conference (ETWC) Proceedings, Bali, Indonesia.
- **Hong, Y.-C.**, & Kleinsasser, R. C. (2013, June). An examination of students' perceptions toward small group work activities in a fully online course. In T. C. Liu, Y. M. Huang, & M. Childress. (Eds.) *Proceedings of AECT International Conference on the Frontier in e-Learning Research 2013*. Taichung, Taiwan: National Central University and National Cheng Kung University.
- 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*, Washington D. C., American Society for Engineering Education.
- 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. *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and High Education 2010*, Chesapeake, VA: AACE.
- **Hong, Y.-C.** (2008). Reflection as a means of developing design problem solving skills in the corporate world. In Korean Human Resource Development Strategic Research Center (Ed.), *Lifelong Education & Human Resource Development: Focused on the Future* (pp. 27-45). Seoul, Chung-Ang University.
- **Hong, Y.-C.** (2007). To improve teachers' understanding in integrating technology into teaching: An alternative instructional model with emphasis on reflection. In T. Bastiaens & S. Carliner (Eds.), *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2007* (pp. 1587-1592), Chesapeake, VA: AACE.

PRESENTATION

- **Hong, Y.-C.**, & Kao, M.-H. (2017, October). Developing online collaborative learning activities in statistics education: Do learning tasks matter? Paper presented at the annual conference of the Association for Educational Communications and Technology (AECT), Jacksonville, FL.
- **Hong, Y.-C.** (2017, July). Revealing and examining instructional design thinking process: An implementation of a semi-guided reflection journal. Paper presented at HKAECT-AECT 2017 International Research Symposium, Hong Kong.

- **Hong, Y.-C.**, & Kao, M.-H. (2016, October). Exploring learner interactions in an online asynchronous collaborative learning in statistics education. Paper presented at the annual conference of the Association for Educational Communications and Technology (AECT), Las Vegas, NV.
- Hong, Y.-C. (2016, December). Road to graduate study and academic career in the US. Invited talk at the Language Center and the Department of Applied Foreign Language at National Yunlin University of Science and Technology.
- **Hong, Y.-C.**, & Kao, M.-H. (2016, July). Examination of students' online discussion engagement in Statistics collaborative learning activities. Paper presented at Educational Technology World Conference (ETWC), Bali, Indonesia.
- Hong, Y.-C. (2016, June). Tackling the complexities of designing online literacy circles for graduate-level courses. Invited talk at National Chiao Tung University, Taiwan to faculty and graduate students in the Institute of English Teaching to Speakers of Other Languages.
- **Hong, Y.-C.** (2015, December). Challenges of designing and facilitating productive online group work interactions. Presented at the Seminar offered in the Institute of Education at National Chung Kung University, Taiwan
- Hong, Y.-C. (2015). Building relationships with your doctoral thesis director. Invited talk at Learning, Design, and Technology program at the University of Georgia to doctoral students.
- Hong, Y.-C. (2015). Preparing courses for Quality Matters Certification. Workshop presented at Mary Lou Fulton Teachers College to Online Program Instructional Design Team.
- Kleinsasser, R. C., & **Hong, Y.-C.** (2014, November). Developing interpersonal familiarity and relationship through discussions to create productive online interactions. Presented at the annual conference of the Association for Educational Communications and Technology (AECT), Jacksonville, FL.
- **Hong, Y.-C.**, & Kleinsasser, R. C. (2013, October). Investigating critical factors of quality online collaborative learning through students' perceptions. Presented at the annual conference of the Association for Educational Communications and Technology (AECT), Anaheim, CA.
- **Hong, Y.-C.**, & Kleinsasser, R. C. (2013, June). An examination of students' perceptions toward small group work activities in a fully online course. Presented at Association for Educational Communications and Technology-International Conference on the Frontier in e-Learning Research (AECT-ICFER). Taichung, Taiwan.
- 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. Presented at the annual conference of the American Society for Engineering Education (ASEE), San Antonio, TX.
- **Hong, Y.-C.**, Jensen, L., & Choi, I. (2011, November). Understanding instructional designers' reflection through design journals. Presented at the annual conference of the Association for

Educational Communications & Technology (AECT), Jacksonville, FL.

- Choi, I., **Hong, Y.-C.**, Gattie, D., Kellam, N., & Gay, M. (2011, November). Effects of case-based e-learning on second year college students' personal epistemic beliefs and problem solving abilities: Ill-defined environmental engineering design problems. Presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.
- Baran, E., Gardner, J., **Hong, Y.-C.**, Kim, M. K., Montalto-Rook, M., & Unger, K. L. (2011, November). Open Educational technology content: Where to access it and how to share your own? Presented at the annual conference of the Association for Educational Communications & Technology (AECT), Jacksonville, FL.
- **Hong, Y.-C.**, & Choi, I. (2011, April). Exploring novice designers' reflective thinking and its relationship with design performance. Presented at the annual meeting of American Educational Research Association (AERA), New Orleans, LA.
- **Hong, Y.-C.**, & Choi, I. (2010, October). Discovering instructional designers' reflection in performing instructional design tasks. 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. 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). Ongoing design of a case-based e-learning system promoting engineering students' personal epistemology and real-world problem solving abilities. Presented at Research/Technical Showcase at World Conference on E-Learning in Corporate, Government, Healthcare & Higher Education 2010, Orlando, FL.
- **Hong, Y.-C.**, & Choi, I. (2010, May). Assessing designers' reflective thinking in solving design problems: A survey study. Presented at the annual meeting of American Educational Research Association (AERA), Denver, CO.
- **Hong, Y.-C.** (2009, October). Novice designers' reflective thinking when solving design problems: A thematic narrative approach. Presented at the annual conference of the Association for Educational Communications & Technology (AECT), Louisville, KY.
- **Hong, Y.-C.**, & Choi, I. (2009, April). An integrated model of reflective practice for learning and solving design problems. Presented at the annual meeting of the American Educational Research Association (AERA), San Diego, CA.
- **Hong, Y.-C.**, & Shen, Y. (2008, November). When Webquests meet cultural issues. Presented at 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. Presented at the annual conference of the Association for Educational Communications & Technology (AECT), Orlando, FL.

- **Hong, Y.-C.** (2008, October). Reflection as a means of developing design problem solving skills in the corporate world. Presented at UGA-CAU Student Conference, Seoul, South Korea.
- Choi, I., Lee, S., Kang, J., & **Hong, Y.-C.** (2008, April). The role that students' learning styles plays in complex problem solving over time while implementing a case-based e-learning environment. Presented at the annual meeting of the American Educational Research Association (AERA), New York.
- **Hong, Y.-C.** (2007, October). To improve teachers' understanding in integrating technology into teaching: An alternative instructional model with emphasis on reflection. Presented at World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2007, Quebec, Canada.

HONOR, AWARD, AND CERTIFICATION

Early Career Symposium Sponsored Attendee, November 2015

National Science Foundation/ Association for Educational Communication & Technology (AECT), Indianapolis, IN

Quality Matters Certification for Online Courses in Higher Education,

Quality Matters Program, Annapolis, MD

- Awarded Online Course Title: Assessment and Evaluation of ELL Students, 2015
- Awarded Online Course Title: Special Populations in Gifted Education, 2014
- Awarded Online Course Title: Teaching the Gifted Learners: Models, Methods, and Programs, 2014

AECT Strobhehn Internship Award, October 2010

ECT Foundation, Association for Educational Communications & Technology, Anaheim, CA
Awarded to the graduate student with the best potential in leadership

Outstanding Graduate Teaching Assistant Award, February 2008

University of Georgia, Athens, GA

Awarded to the top 10% of graduate teaching assistants (instructor of record)

Outstanding Graduate Teaching Assistant Award, April 2007

Kappa Delta Epsilon Educational Honor Society, Athens, GA

Awarded to the best graduate teaching assistant (instructor of record)

Best Poster Award, October 2007

World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Association for the Advancement of Computing in Education, Quebec, Canada

Awarded Title: To improve teachers' understanding in integrating technology into teaching: An alternative instructional model with emphasis on reflection

Best Poster Award (Team project), October 2010

World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Association for the Advancement of Computing in Education, Orlando, FL

Awarded Title: Ongoing design of a case-based e-learning system promoting engineering students' personal epistemology and real-world problem solving abilities

D&D Showcase First Place Award (Team project), October 2007

Design and Development Division at the annual conference of the Association for Educational Communications & Technology, Anaheim, CA

Awarded Title: A case-based e-learning environment for enhancing ill-structured problem solving skills: Classroom management dilemma problems for prospective teachers

D&D Outstanding Practice Award (Team project), October 2007

Design and Development Division at the annual conference of the Association for Educational Communications & Technology, Anaheim, CA

Awarded Title: A case-based e-learning environment for enhancing ill-structured problem solving skills: Classroom management dilemma problems for prospective teachers

Outstanding Practice Award (Team project), October 2005

Design and Development Division at the annual conference of the Association for Educational Communications & Technology, Orlando, FL

Awarded Title: Case-based e-learning in dynamic decision making in anesthesiology

TEACHING EXPERIENCE

Courses taught in Arizona State University

- EDT 501: Foundations of Learning, Design, and Technologies, Spring 2018
- EDP 540: Learning Theories & Instructional Strategies, Fall 2017
- EDT 523: Distance Education Theory & Practice, Summer 2017
- EDT: 502 Design and Development of Instruction (Face-to-Face version and Online Version), Fall 2015, Fall 2016, Spring 2017, Fall 2017
- EDT: 506 Evaluation of Education, Spring 2016

Courses taught as instructor at the University of Georgia

- Introduction to Computers for Teachers, Fall 2006, Spring 2007, Fall 2008, Spring 2009
- Technology-Enhanced Learning Environments, Spring 2008
- Basic Instructional Technology Competencies, Fall 2007

Courses taught as co-instructor at the University of Georgia

- Doctoral Topical Seminar: Real-World Problem Solving, 2010
- Emerging Perspectives on Learning, Teaching, and Technology (Online Course), 2008
- Instructional Design (Online Course), 2009
- Design and Development Tools, 2005

GRANT PROJECT EXPERIENCE

- Advancing the Understanding of Online Collaborative Learning Experience in Statistics Learning. PI with Ming-Hung Kao (Co-PI). Mary Lou Fulton Teachers College, Arizona State University, funded (\$10, 641)
- Developing Instructor-Supported Online Collaborative Learning Environment (I-SOCLE) to Prepare Future Statistics Workforce. PI with Ming-Hung Kao (Co-PI). Institute of Social Science Research, Arizona State University, funded (\$5,000)
- CCLI: Case-based E-Learning for Solving Real-World Engineering Design Problems: Nurturing Epistemic Growth for Second Year College Students. Project manager and researcher with Ikseon Choi (PI), Nadia Kellam (Co-PI), and David Gattie (Co-PI), *National Science Foundation*, funded (2009-2011, \$150,000).
- Preparing Engineering Students to Be Global Citizens with Case-Based E-Learning Technology. Research Assistant with Nadia Kellam (PI), Ikseon Choi (Co-PI), and David Gattie (Co-PI), funded, (2008-2010, \$30,000)

PROFESSIONAL EXPERIENCE

Experience in Teaching English as a Foreign/Second Language

- Textbook design and development
- Teaching English as a foreign/second language to K-12 learners
- Chinese-English translation and interpretation

Experience with Computer Applications

- Learning Management System: Blackboard, Pearson LearningStudio, WebCT, Moodle, Sakai
- Multimedia Development: Fireworks, Flash, Photoshop, PhotoImpact, Action Script
- Web Publishing: Adobe Dreamweaver, HTML, CSS
- Audio and Video Production: Adobe Presenter, Peak, Audacity, Audio Editor, Garage Band, iMovie, Power Director, Movie Maker, Final Cut Pro
- Research: SPSS, LISREL, NVivo, HyperResearch

PROFESSIONAL SERVICE

National Science Foundation

- Panel Reviewer, 2017

Association of Talent Development Valley of the Sun

- Faculty Liaison, 2016, 2017

Association for Educational Communications and Technology (AECT)

- Featured Research Coordinator, 2017-2018
- Design & Development Showcase Co-coordinator, 2008-2011
- Design & Development Showcase Award Project Reviewer, 2008, 2010
- Conference Proposal Reviewer, 2008, 2013, 2015, 2016, 2017

- Session Facilitator, 2009, 2015, 2016
- Conference Volunteer Supervisor, 2008
- Conference Volunteer, 2005, 2009

World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education

Association for the Advancement of Computing in Education (AACE)

- Conference Facilitator, 2007
- Conference Volunteer, 2007

PROFESSIONAL AFFILIATION

Association for Educational Communications and Technology (AECT)

- Distance Learning Division
- Design & Development Division
- International Division
- Research & Theory Division
- Teacher Education Division

American Educational Research Association (AERA)

- Division C: Learning and Instruction
- SIG: Design and Technology

Association for the Advancement of Computing in Education (AACE)