

EUN-OK BAEK

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Rank: Professor - Department of Educational Leadership
and Technology



Primary Assignments: Program Coordinator, Teaching MA
in Instructional Design and Technology Courses

ACADEMIC DEGREES AND CREDENTIALS

Academic Degrees

2002: Ph.D., Instructional Systems Technology, Indiana University at Bloomington, IN
2001: M.S.Ed., Instructional Systems Technology, Indiana University at Bloomington, IN
1993: M.Ed., Elementary Education, Korea National U. of Education, South Korea
1987: B.A., Elementary Education, Chinju National U. of Education, South Korea

Credentials

1994: Elementary School Teaching 1st Degree Credential (equivalent to Clear
Credential), South Korea
1987: Elementary School Teaching 2nd Degree Credential (equivalent to Preliminary
Credential), South Korea

APPOINTMENTS

Sep. 2017- present: **Coordinator** of Instructional Design and Technology Program
Sep. 2011- present: **Professor**, CSUSB
Sep. 2007- August 2011: Associate Professor, CSUSB
Sep. 2002 – August 2007: Assistant Professor, CSUSB
Jan. 2002 – June 2002: Primary Instructor, Indiana University at Bloomington
June 2001 – June 2002: Graduate Research Assistant, Indiana U. at Bloomington, IN
June 2000 – June 2002: Graduate Assistant DePauw U. at Greencastle, IN
May 1998 – June 2000: Instructional Designer, Saint Meinrad School of Theology, IN
Mar. 1994 – Dec. 1996: Teacher, Tae-Bang Elementary School, South Korea (Level I)
Mar. 1987 – Feb. 1993: Teacher, NamJung Elementary School, South Korea (Level II)

SELECTED PUBLICATIONS

- Baek**, E. (2021). Next-gen STEM projects: Fostering innovation through collaboration between universities, middle schools, & communities in the USA. *Proceedings of 2021 Symposium of Warm Education Community Research Center* (pp. 54-67), Pusan, South Korea.
- Park, S., **Baek**, E., & So, H. (2021). Effects of VR Games on Mental Health Among College Students. *Journal of Health, Sports, and Kinesiology*, 2(3), 77-78.
- Hwang, Y.S., Kim, J., Vrongistinos, K., **Baek**, E., Min, A. E. (2021), Educational Journeys of a Mexican Immigrant Teacher. *Proceedings of 2021 International Conference on Social and Education Sciences, USA*, 150-154.
- Park, S., **Baek**, E., & So, H. (2021). Effects of VR games on mental health among college students: A review of literature. *Journal of Health, Sports, and Kinesiology*, 2(3), 77-81.
- Baek**, E. & Sung, Y. (2020). Preservice Teachers' Perception of Technology Competencies Based on the New Technology Standards. *Journal of Digital Learning in Teacher Education*.
- Kimm, C.H., Kim, J., **Baek**, E., & Chen, P. (2020). Pre-service teachers' confidence in their ISTE technology-competency. *Journal of Digital Learning in Teacher Education*, 36(2), 1-15. DOI: [10.1080/21532974.2020.1716896](https://doi.org/10.1080/21532974.2020.1716896)
- Baek**, E. & Eyda-Qi Guo (2019). Instructional design principles for mobile learning. In Y. Zhang. *Handbook of Mobile Teaching and Learning*, pp. 1-22. Springer-Verlag Berlin Heidelberg. https://doi.org/10.1007%2F978-3-642-41981-2_111-1
- Sung, Y., **Baek**, E., Moon, Y., & Yoo, S. (2019). Issue Report: International educational information systems benchmarking to improve National Education Information System (NEIS) in South Korea. *Korea Education & Research Information Service*, 1-31.
- Ha, T., **Baek**, E.O., & So, H.S. (2018). Perception of using workout applications among college students. *Journal of Sports Science and Health*, 19(1), 155.
- Baek**, E. & Monaghan, J. (2013). Journey to textbook affordability: Students use experiences of e-textbooks in five university campuses. *International Review of Research in Open and Distance Learning*, 14(3), 1-26. <http://www.irrodl.org/index.php/irrodl/article/view/1237>
- Chung, H., Kim, J., & **Baek**, E. (2013). Design of structured syllabus and subject ontology for adaptive learning. *The 2013 International Conference on e-Learning, e-Business, Enterprise Information Systems, and e-Government Proceeding*.
- Lee, H. & **Baek**, E. (2012). Facilitating deep learning in a learning community. *International Journal of Technology and Human Interaction*, 8(1), 1-13.
- Lim, B. & **Baek**, E. (2009). Teachers' needs and their implications for the design of an electronic performance support system (EPSS) for teachers. *Educational Technology International*, 42(2), 1-27.

Baek, E., Cagiltay, K., Boling, E., & Frick, T. (2008). User-centered design and development. In M. Spector, D. Merrill, J. van Merriënboer, & M. Driscoll (Eds.). *Handbook of Research on Educational Communications and Technology*, (pp. 659-670). (3rd.). Mahwah, NJ: Erlbaum.

Barab, S. A., **Baek**, E., Schatz, S., Scheckler, R., Moore, J. (2008). Illuminating the braids of change in a web-supported community: A design experiment by another name. In A.E. Kelly, R.A. Lesh, & J.Y. Baek (Eds.), *Handbook of Design Research Methods in Education*, (pp. 320-352). New York: Routledge.

Herner-Patnode, L., Lee, H., & **Baek**, E. (2008). E-learning pedagogy: From engaged learners to reflective educators. In T. Hansson (Ed.) *Handbook of Digital Information Technologies: Innovations, Methods, and Ethical Issues*, (pp. 230-245).

Baek, E. & Freehling, S. (2007). The Usage of Internet Communication Technologies by Low-Income High School Students in the Completion of Educational Tasks Inside and Outside of the School Setting. *Computers in the Schools*, 24(1/2), 33-55. DOI: 10.1300/J025v24n01_04

Baek, E. & Schwen, T.M. (2006). The Culture of teachers vs. a necessary culture for an online community. *Performance Improvement Quarterly*, 19(2), 51-68.

Baek, E. & Barab, S. (2005). A Study of dynamic design dualities in a web-supported community of practice for teachers. *Journal of Educational Technology and Society*, 8(4), 161-177.

Barab, S. A., Evans, M., & **Baek**, E. (2004). Activity Theory as a Lens for Characterizing the Participatory Unit. In D. Jonassen (Ed.). *International Handbook on Communication Technologies*. (2nd ed., pp. 199-214), Vol. 2. Mahwah, NJ: Erlbaum.



MANUSCRIPTS WORK IN PROGRESS

Baek, E., Guo, Q., & Feng, T. (resubmitted to the journal after revision). Development of a Mobile App for English Speaking Skills Using the IDEAS framework. *Educational Technology Research & Development*.

Kim, J. Kimm, C., & **Baek**, E. (under review). Comparison of Technology Competencies of Teacher Candidates in the Teacher Education Programs of Two Campuses. *Journal of Digital Learning in Teacher Education*.



SELECTED CONFERENCE PRESENTATIONS

Baek, E., Guo, Q., & Feng, T. (2023). *Effective Mobile App Development for English Speaking Skills: Using an IDEAS Framework*. Accepted to present at the 2023 American Education Research Association Annual Meeting, Chicago, United States.

Baek, E., Guo, Q., Feng, T., & Lu, J. (2022, April 11-15). *Mobile app development for English speaking skills using an IDEAS framework*. Presented at the Society for Information Technology & Teacher Education Conference, San Diego, CA, United States. <http://academicexperts.org/conf/site/2022/papers/60836/>

Baek, E. (2021). Next-gen STEM projects: Fostering innovation through collaboration between universities, middle schools, & communities in the USA. *Proceedings of 2021 Symposium of Warm Education Community Research Center* (pp. 54-67), Pusan, South Korea.

Hwang, Y.S., Kim, J., Vrongistinos, K., **Baek, E.**, Min, A. E. (2021, October 21-24), Educational Journeys of a Mexican Immigrant Teacher [Conference presentation]. 2021 International Conference on Social and Education Sciences, Chicago, IL, United States.

Park, S., **Baek, E.**, & So, H. (2021, October 7-9). Effects of VR games on mental health among college students: A review of literature [Conference presentation]. International Organization for Health, Sports, and Kinesiology (IOHSK) Conference, Virtual. <https://www.iohsk.org/submission2021a>

Baek, E. (2021, August). Next-gen STEM projects: Fostering Innovation Through Collaboration Between Universities, Middle Schools, and Communities in the USA. 2021 Zoom Symposium for the Warm Education Community Research Center, Pusan National University, South Korea. [Invited for a presentation & a panel discussion]

Baek, E. & Sung, Y. (2020). Preservice Teachers' Perception of Technology Competencies Based on the New Technology Standards. Presented at the 2020 annual conference of American Educational Research Association, San Francisco, USA.

Kim, J., Kimm, C., & **Baek, E.** (2020). Preservice Teachers' Perception of Their Technology Competencies: Application of the ISTE Educator Standards of 2017. Presented at the 2020 annual conference of American Educational Research Association, San Francisco, USA.

Baek, E. & Edya-Qi Guo (2019). Mobile Learning Acceptance in Higher Education: Students perception. Presented at the 2019 annual conference of American Educational Research Association, Toronto, Canada.

Baek, E. & Edya-Qi Guo (2018). Is mobile learning working?: Perceptions of students and instructors at a higher education institution. Presented at the annual meeting of International Conference on Information and Education Innovations, London, United Kingdom.

Ha, T., **Baek, E.O.**, & So, H.S. (2018). Perception of using workout applications among college students. At the 8th International Conference on Sports and Exercise Science (ICES 2018), Bangkok, Thailand.

Baek, E., Medrano, T., & Godfrey, K. (2017). Development of a student e-orientation module via a design-based research cycle. Paper presented at the annual meeting of Edu Learn Conference, Barcelona, Spain.

Ha, T., Oh, H.K., So, H.S., & **Baek, E.O.** (2017). Effective teaching for martial arts in physical education class. Proceedings of Western Society for Kinesiology and Wellness Annual Conference, Reno, NV.



LEADERSHIP SERVICES FOR PROFESSIONAL COMMUNITIES

Co-PI, Verizon Innovative Learning Program for STEM Achievers Grant, California State University San Bernardino, 2018-present

Member, 2023-28 CSUSB Strategic Planning Committee (Goal 4: Internationalization committee), to develop a comprehensive internationalization to distinguish CSUSB as a global institution that provides transformative international experiences to its campus community, 2022-present.

Chair, Curriculum, Co-curriculum, & Student Learning Outcomes Committee for the CSUSB-American Council on Education (ACE) Internationalization Laboratory Project, 2019-2021.

Committee member, Michael B. Salwen Scholars program, Korean-American Educational Researchers Association (KAERA), 2020-2021

Director, Board of Directors, Korean-American Educational Researchers Association (KAERA), 2019-2020.

President, Korean-American Educational Researchers Association (KAERA), 2018-19 (successfully hosting 2019 KAERA annual conference, and 10th year of KAERA ceremony)

Vice President elect, Korean-American Educational Researchers Association (KAERA), 2017-18

Consulting Reviewer, Wisdom in Education, 2016-present

Secretary, Board of Directors, Korean-American Educational Researchers Association (KAERA), 2015-16

Communication Director, Korean-American Educational Researchers Association (KAERA), 2013 to 2015

Consulting Reviewer, Alberta Journal of Educational Research (AJER), 2013-present

Consulting Reviewer, TechTrends, January 2005-present



HONORS AND AWARDS

COE Outstanding Faculty Award in Instructionally-Related Activities, 2021-22

Outstanding Professor Award in Services, CSUSB 2019

Outstanding Originators in Distributed Learning, CSUSB, 2008

Outstanding Professor in Professional Growth, CSUSB, 2007



AFFILIATIONS

Korean-American Educational Researchers Association (KAERA), 2008-present

American Educational Research Association (AERA), 2002- present