

Betül C. Czerkowski, Ph.D., Professor

Instructional Design & Technology
University of Arizona
bcozkan@email.arizona.edu
Website: <https://czerkowski.net/>

Chronology of Education

- **Doctor of Philosophy** (December, 2001) Curriculum and Instruction. Hacettepe University, Ankara, Turkey. Major: Instructional Design and Development
- **Master of Arts** (June, 1997) Curriculum and Instruction. Major: Instructional Design and Development. Hacettepe University, Ankara, Turkey.
- **Bachelor of Arts** (June, 1993) Department of Western Languages and Literature, Major in Italian Language and Literature, Ankara University, Ankara, Turkey.

Chronology of Employment

- Professor (tenured) (2018, present). Instructional Design and Technology. The University of Arizona- South.
- Associate Professor (tenured) (2012-2018). Instructional Design and Technology. The University of Arizona- South.
- Affiliated Faculty (2014- present). Second Language Acquisition and Teaching. University of Arizona. College of Humanities.
- Educational Technology Program Director. (2008-2016) The University of Arizona- South.
- Assistant Professor (2008-2012). Instructional Design and Technology. The University of Arizona- South.
- Faculty Coordinator, Instructional Technology. (2006-2008). Long Island University. Brooklyn Campus.
- Assistant Professor of Instructional Technology Research (2003- 2006). Media and Instructional Technology Department. University of West Georgia.
- Post-Doctoral Research Associate (2002-2003). Research and Evaluation Specialist for Iowa State University's PT3 grant. Research Institute for Studies in Education (RISE), Iowa State University.
- Project Manager (2001-2003) Fulbright Teacher Internship Project, Center for Technology in Learning and Teaching, Iowa State University.

- Visiting Research Scholar (2000-2001). Center for Technology in Learning and Teaching (CTLT), Iowa State University.
- Graduate Teaching Assistant (1999-2000). Computer Education and Instructional Technology Department. Yildiz Technical University, Istanbul, Turkey.

Honors and Awards

- **Fulbright Scholar** (2017-2018). Ukraine. Igor Sikorsky Kiev Polytechnic Institute.
- **Fulbright Specialist** (2016, November-December) University of Prishtina, English Department. Kosovo.
- **Superior Faculty Achievement Award.** (2013, Spring). The University of Arizona South.
- **Best Paper Award.** (2006) McKenzie, B., Ozkan, B.C. and Layton, K. Tips for administrators in promoting distance programs using peer mentoring. *Distance Learning Administration (DLA)* 2006 Annual Meeting, Jekyll Island, GA. June 4-7, 2006.
- **Apollo Award** (2006). Excellence in Distance Teaching, Training and Mentorship. University of West Georgia. Spring 2006.
- **Distance Education Mentor** (2005 fall- 2006 spring). Distance Mentor-Mentee Program. College of Education. University of West Georgia.
- **Apollo Award** (2005) Excellence in Distance Teaching, Training and Mentorship. University of West Georgia. Spring 2005.
- **Visiting Graduate Research Scholarship.** Center for Technology in Teaching and Learning. Iowa State University. 2000-2001.

Service and Outreach

National and International Outreach

Editorial Service

- Issues and Trends in Educational Technology (ITET). <http://itet.uair.arizona.edu>. Editor. (January 2013-present).
- The International Higher Education Teaching and Learning Review (HETL). <http://hetl.org/> Review Panel Member. (June 2012- present).
- International Journal on E-Learning (IJEL). Review Board Member. (2015-present)
- Journal of Educational Multimedia and Hypermedia (JEMH). Review Board Member. (2015-present).
- Journal of Interactive Learning Research (JILR). Review Board Member. (2015-present)
- The International Review of Research in Open and Distributed Learning (IRRODL). Review Board Member. (2015-present).
- Turkish Online Journal of Educational Technology' (TOJET). Review Board Member. (<http://www.tojet.net>) (2002-present).

- Turkish Online Journal of Educational Technology' (TOJET). Guest Editor. (July 2014 issue)
- International Journal of Gaming and Computer Mediated-Simulations. Review Board Member. (June 2008-2014)
- Contemporary Issues in Technology and Teacher Education (CITE) Journal, General Issues (2005-2009) and Current Practices sections. (<http://www.citejournal.org>) Review Board Member. (2005-2013)

Professional Service (2010- present)

- SIG Co-Chair (2019-2021). Instructional Design. Society for Information Technology and Teacher Education (SITE).
- Program Committee (2019). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. Las Vegas, NV., March 18-22, 2019.
- International Program Committee (2018). International Conference on Computational Thinking Education. (CTE2019). The Education University of Hong Kong. HK. <http://www.eduhk.hk/cte2019/>
- Program Committee (2018). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. Washington, D.C., March 26-30, 2018.
- Reviewer (2017). Ukraine Fulbright Scholar applications for 2018-1019.
- SIG Co-Chair (2017-2019). Computational Thinking. Society for Information Technology and Teacher Education (SITE).
- International Program Committee (2018). International Conference on Computational Thinking Education. (CTE2018). The Education University of Hong Kong. HK. <http://www.eduhk.hk/cte2018/>
- Program Committee (2017). World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA) Conference, Washington, D.C. June 20-23, 2017.
- Program Committee (2017). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. Austin, TX, 5-9, March 2017.
- International Program Committee (2017). International Conference on Computational Thinking Education. (CTE2017). The Education University of Hong Kong. HK. <http://www.eduhk.hk/cte2017/>
- Symposium Organization Committee Member (2016). L2 Digital Literacies with AZ Computer-Assisted Language Learning: Interdisciplinary Intersections and Interactions. September 30-October 8, 2016. Center for Educational Resources in Culture, Language and Literacy. University of Arizona.

- Program Committee (2016). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. Savannah, GA, 21-25, March 2016.
- Proposal Reviewer (2016). Association for Educational Communications in Technology (AECT) Annual Convention, Las Vegas, NV. October 17-21, 2016. (Design and Development SIG)
- Advisory Committee (2016-17). Handbook of research on teaching thinking in primary education. Book edited by In H. Ozcinar. Hershey, PA: IGI Global.
- Panel Member (2016). National Science Foundation. Advancing Informal STEM Learning.
- Panel Member (2015). National Science Foundation. STEM +C.
- Program Committee (2015). World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA) Conference, Montreal, Quebec, Canada. June 22-24, 2015.
- Program Committee (2015). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. Las Vegas, Nevada, 1-6, March 2015.
- Program Committee (2014). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. Jacksonville, FL. March 17-21, 2014.
- Advisory Committee (2014). Artificial Intelligence Applications in Distance Education. Book edited by Kose, U. & Koc, D. IGI Global Publishing.
- Program Committee (2013). World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA) Conference, June 24-June 28, 2013. Victoria, BC.
- Program Committee (2013). International Conference of Society for Information Technology and Teacher Education (SITE) Conference. New Orleans, LA. March 25-29, 2013.
- Program Committee (2012). World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA) Conference, June 26-June 29, 2012. Denver, CO.
- Program Committee (2011). World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (E-Learn) Conference, October 17-21, 2011. Honolulu, HI.
- Program Committee (2011). World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA) Conference, June 27-July 1, 2011. Lisbon, Portugal.
- Program Committee. (2010) World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (E-Learn) Conference 2010, October 18-22, 2010. Orlando, Florida.
- Program Committee. (2010) World Conference on Educational Multimedia, Hypermedia and Telecommunications (ED-MEDIA) Conference 2010, June 29-July 2, 2010. Toronto, Canada.

University Outreach

Program Committees

- UA South Graduation Portfolio Defenses. Chair. (2008-2016).
- UA South Graduate Admission Committee Chair for Educational Technology Program (2008-2016).

College Committees

- UA South Promotion & Tenure Committee, Chair (2018)
- IRB Co-Chair (2017-present) University of Arizona South.
- Personnel Committee, Chair (2014- 2017) University of Arizona South.
- Search Committee Chair for the senior lecturer position in Educational Technology. (2014). University of Arizona South.
- Technology Committee, Chair. (2012-2013) University of Arizona South.
- Personnel Committee, Member (2012-2014) University of Arizona South.
- Search Committee Member for the tenure track Network Administration faculty position (2013). University of Arizona South.
- UA South Promotion & Tenure Committee, Chair (2012-2013)
- UA South Outstanding Student Award Committee (2011-2013)
- Conciliation and Grievance, Chair. (2009-2011). University of Arizona South.
- Curriculum Committee, Member (2009-2011). University of Arizona South.
- Technology Adhoc Committee (2008-2012). The University of Arizona South.
- Search Committee Member for the tenure track Educational Technology faculty position (2010). University of Arizona South.

University Committees

The University of Arizona (2008-present)

- Global Student Recruitment, Experience, and Engagement Subcommittee (2018).
- Faculty Senate, Member (2008-2012).
- Graduate Council, Member (2008-2015).
- Graduate Council Diversity Adhoc Committee (2012).
- Graduate Council Intellectual Property Adhoc Committee (2009).
- Information Security Advisory Committee (2009-2011)
- Learning and Teaching with Technology (LATTe). (2010- 2016).
- Moodle User Group (2009- 2011)

Long Island University (2006-2008)

- University Web-Mediated Instruction Committee. Advisory Committee Member. Long Island University. (2007-2008)
- Teaching and Learning Initiative, Advisory Committee Member. Long Island University. (2006-present)

The University of West Georgia (2003-2006)

- Faculty Senate, Member (2005-2006). University of West Georgia.

- University Technology Planning Committee (2005-2006) Faculty Senate Representative. University of West Georgia.
- University Technology Planning Committee (2004-2005) Member. University of West Georgia.
- Early Adopters in Instructional Technology. Student Club. (2003-2006) Founder and Faculty Advisor. University of West Georgia.

Publications

Books

- Ozkan, B.C. (Editor) (2010). *Free and open source software for e-learning: Issues, successes and challenges*. Hershey, PA: IGI Global.

Chapters in Books (Peer-reviewed)

- Czerkawski, B. (2017). Computational thinking research trends in K-12. In H. Ozcinar. (Ed.) *Handbook of research on teaching thinking in primary education*. Hershey, PA: IGI Global.
- Czerkawski, B. & Gonzales, D. (2014). Major issues, trends and challenges with learning management systems. In Yuzer, V. & Eby, G. *Emerging Priorities and Trends in Distance Education: Communication, Pedagogy, and Technology*. Hershey, PA: IGI Global.
- Czerkawski, B. & Hernandez, J. (2012) Formal, non-formal, informal E- Learning experiences with emerging technologies: A case study of a graduate educational technology program. In Yang, H. & Wang, Y. (Ed). *Cases on Formal, Non-Formal, and Informal Learning: Opportunities and Practices*. Hershey, PA: IGI Global.
- Czerkawski, B. (2011) Digital games: Are they the future of E-Learning? In Wang, H. (Ed) *Interactivity in e-learning: Cases and frameworks*. Hershey, PA: IGI Global.
- McKenzie, B. & Ozkan, B.C. (2010). "Evaluating Educational Technologies: Technology Connoisseurs in the Campus," originally presented at 2006 *Annual Meeting of Eastern Educational Research Association*. Reprint in *Assessment & Evaluation in Higher Education*, 3rd ed. Pearson Publishing.
- Ozkan, B. C. (2009). Implementing e-learning in university 2.0: Are universities ready for the digital age? In Young, H. & Yuen, S. (Eds). *Handbook of research on practices and outcomes in e-learning: Issues and trends*. Hershey, PA: IGI Global.

Refereed Journal Articles

- Ardito, G. P., Czerkawski, B. & Scollins, L. (under review). Learning computational thinking together: Collaboration and robotics in a 6th grade math/science classroom. *TechTrends*.
- Czerkawski, B. & Lyman, G. (2016, November). An instructional design model for fostering student engagement in online learning environments. *TechTrends*. 60(6). 532-539.

- Czerkawski, B. (2016, April). Blending formal and informal learning networks for online learning. *The International Review of Research in Open and Distributed Learning*. 17(3). <http://www.irrodl.org/index.php/irrodl/article/view/2344/3746>.
- Czerkawski, B. (2015) Networked learning: Design considerations for online instructors. *Interactive Learning Environments*. 23(4).
- Czerkawski, B. (2015, Summer) When learning analytics meets E-Learning. *Online Journal of Distance Learning Administration*, 18(2). Available at <http://www.westga.edu/~distance/ojdl/summer182/czerkawski182.html>.
- Czerkawski, B. & Lyman, G. (2015, March/April) Exploring issues about computational thinking in higher education. *TechTrends*. 59 (2). 57-65.
- Czerkawski, B. (2014, Winter) Designing deeper learning experiences for online instruction. *Journal of Interactive Online Learning*. 13 (2). 29-40. Available at: <http://www.ncolr.org/jiol/issues/pdf/13.2.1.pdf>.
- Czerkawski, B. (2014, October). The Semantic Web in teacher education. *Turkish Online Journal of Educational Technology*. 13 (4). 144-147. Available at: <http://www.tojet.net/articles/v13i4/13416.pdf>.
- Czerkawski, B. (2013). Integrating emerging technologies into an online educational technology master's program. *Contemporary Educational Technology*, 4 (4). 309-321. Available at: <http://www.cedtech.net/articles/44/445.pdf>.
- Ozkan, B.C. (2010). Preface. Guest Editor for a Special issue on Free and Open Source Software for E-Learning. *International Journal of Open Source Software & Processes*. 2 (1). Also available at <http://www.igi-global.com/Files/Ancillary/jossp.2010.2.1-Preface.pdf>.
- McKenzie, B., Ozkan, B.C. and Layton, K. (2006, Summer). Tips for administrators in promoting distance programs using peer mentoring. *Distance Learning Administration (OJDLA)* 9(2). Available at <http://www.westga.edu/%7Edistance/ojdl/summer92/mckenzie92.htm> **Best Paper Award**.
- Ozkan, B.C., Davis, N. E. & Johnson, N. (2006). An innovative approach on the analysis of qualitative interview data: The case of Iowa State University's PT3 implementation grant. *Turkish Online Journal of Educational Technology*. 5(2). Available at <http://www.tojet.net/articles/522.pdf>.
- Ozkan, B.C. (2005). Pros and cons of Internet2-videoconferencing as a new generation distance education tool. *Computers in the Schools*. 22 (1/2). 33-42.
- Ozkan, B. C. (2004). Using NVivo to analyze qualitative classroom data on constructivist learning environments. *The Qualitative Report*, 9(4), 589-603. Available at <http://www.nova.edu/ssss/QR/QR9-4/ozkan.pdf>.
- Ozkan B.C., Semko, N. and Willis, J. (2004) Instructional materials for teacher educators: A review of SCRTEC's 'Active Learning with Technology'. *Turkish Online Journal of Educational Technology*. 3(3). Available at <http://www.tojet.net/articles/333.pdf>.

- Ozkan, B.C. and Willis, J. (2002). Gateways to online resources for teacher educators. *Journal of Computing in Teacher Education*, 18 (3). 102-106.
- Ozkan, B. C. (2002). The use of video cases in teacher education. *Turkish Online Journal of Educational Technology*. 1(1). <http://tojet.net/articles/v1i1/116.pdf>.

Manuscripts in Progress

- Czerkawski, B. C. & Berti, M. (2019) Towards an implementation approach to augmented reality: An instructional design approach. IRB submitted.

Refereed Publications in Annuals and Proceedings

- Czerkawski, B. & Ardito, G. (2019). Instructional Design Practices in Teacher Education Programs. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 820-824). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).
- Ardito, G. & Czerkawski, B. (2019). The Effects of Gender and Literacy in the Development of Computational Thinking Skills in 6th Grade Students. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 49-51). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).
- Czerkawski, B. (2018). Learning design to increase collaboration in international e-learning. In E. Langran & J. Borup (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 607-611). Washington, D.C., United States: Association for the Advancement of Computing in Education (AACE).
- Czerkawski, B. C. (2017). Community-based learning to foster computational thinking in teacher education programs. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 40-45). Austin, TX, United States: Association for the Advancement of Computing in Education (AACE).
- Czerkawski, B.C. (2016). Classroom implementations of computational thinking: Examples from education majors. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2016* (pp. 157-162). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Czerkawski, B. (2016). Computational thinking and teacher education: Are we there yet?. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2016* (pp. 75-78). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Czerkawski, B. (2015). Computational thinking in virtual learning environments. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015* (pp. 993-997). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

- Czerkawski, B. & Bezduch, R. (2015). A review of learning analytics tools for higher education. In S. Carliner et al. (Eds.), *Proceedings of World Conference on Educational Media and Technology 2015* (pp. 1548-1551). Association for the Advancement of Computing in Education (AACE).
- Czerkawski, B. (2014). Educational objectives for promoting computational thinking in e-learning. *Proceedings of E-Learn, World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014* (pp. 448-453). Chesapeake, VA: AACE.
- Czerkawski, B.C. & Bumen, N. (2013). Universal design for e-learning: A review of the literature for higher education. *Proceedings of E-Learn, World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2013*. (pp. 2022-2025) Chesapeake, VA: AACE.
- Czerkawski, B. (2013). Instructional design for computational thinking. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education (SITE) International Conference 2013* (pp. 10-17). Chesapeake, VA: AACE.
- Czerkawski, B.C. & Lieberman, M. (2012). Building collaborative international learning experiences using social networks. *Proceedings of E-Learn, World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2012*. (pp. 2022-2025) Chesapeake, VA: AACE.
- Xu, L. & Czerkawski, B. (2012). Designing online course components to infuse computational thinking in computer science. *Proceedings of E-Learn, World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2012*. (pp. 459-464) Chesapeake, VA: AACE.
- Czerkawski, B. & Xu, L. (2012). Computational thinking and educational technology. *Proceedings of E-Learn, World Conference on Educational Multimedia, Hypermedia, and Telecommunications 2012 (ED-MEDIA)*. (pp. 2607-2610). Chesapeake, VA: AACE.
- Czerkawski, B. (2012). Benefits and Potentials of Semantic Web in Teacher Education Programs. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference (SITE) 2012* (pp. 3581-3583). Chesapeake, VA: AACE.
- Czerkawski, B. (2011). Implications of connectivist pedagogy for online learning environments. In *Proceedings of E-Learn, World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2011* (pp. 1876-1879). Chesapeake, VA: AACE.
- Czerkawski, B. (2011). Immersive Learning Experiences through Open Source Virtual Worlds. In T. Bastiaens & M. Ebner (Eds.), *Proceedings of E-Learn, World Conference on Educational Multimedia, Hypermedia and Telecommunications 2011* (pp. 3783-3785). Chesapeake, VA: AACE.
- Ozkan, B.C. (2010). Current and future trends in free and open source software. In D. Gibson & B. Dodge (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2010* (pp. 761-764). Chesapeake, VA: AACE.

- McKenzie, B. & Mims, N. & Ozkan, B.C. (2010). Identifying the Characteristics of Photo Bloggers: An Exploratory Study. In D. Gibson & B. Dodge (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2010* (pp. 1539-1545). Chesapeake, VA: AACE.
- Ozkan, B.C. & De Vito, D. (2009). What do secondary teacher education students think about Second Life? In I. Gibson et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2009* (pp. 1518-1523). Chesapeake, VA: AACE.
- De Vito, D. & Ozkan, B.C. (2009). Assessing teacher educators' instructional technology needs. In I. Gibson et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2009* (pp. 1177-1181). Chesapeake, VA: AACE.
- McKenzie, B. & Ozkan, B.C. (2009). Photo Blogs: Uses, advantages and challenges. In I. Gibson et al. (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2009* (pp. 2007-2014). Chesapeake, VA: AACE.
- Ozkan, B.C. (2008). How to effectively use free and open software in education. In *Proceedings of E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2008* (1171-1175). Chesapeake, VA: AACE.
- McKenzie, B. K., Huett, J., Haynes, L. & Ozkan, B. (2008). Turning hindsight into foresight: Mentoring new distance education faculty. In *Proceedings of E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2008* (2988-2993). Chesapeake, VA: AACE.
- McKenzie, B. K., Huett, J. Layton, K., Huett, K. & Ozkan, B. (2008). Getting distance administrators to make time for Web 2.0. In *Proceedings of Distance Learning Administration (DLA) 2008*. Carrollton, GA.
- Ozkan, B.C. & McKenzie, B. (2008). Social networking tools for teacher education. In *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (2272-2276). Chesapeake, VA: AACE.
- McKenzie, B., Ozkan, B.C. & Baylen, D. (2008). How are photoblogs integrated into curriculum? In *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (2124-2129). Chesapeake, VA: AACE.
- Ozkan, B.C. & McKenzie, B. (2007). Open social software applications and their impact on distance education. In *Proceedings of E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2007* (7310-7312). Norfolk, VA: AACE.
- McKenzie, B., Haynes, L., Huett, J. Ozkan, B. & Shook, A. (2007). Transformational change: Moving beyond face to face instruction. In *Proceedings of E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2007*. Norfolk, VA: AACE.
- McKenzie, B.K., Haynes, L., Shook, A. & Ozkan, B.C. (2007). What distance administrators need to know about mentoring? In *proceedings of the Distance Learning Administration (DLA) 2007*. Carrollton, GA.

- Ozkan, B.C. & Campbell, A. (2007). Adopting Elgg for electronic learning portfolios. In Proceedings of *Society for Information Technology and Teacher Education International Conference 2007* (158-163). Chesapeake, VA: AACE.
- McKenzie, B.K., Ozkan, B.C., Haynes, L. & Shook, A. (2007). What successful distance mentors do: An exploratory study. Proceedings of *Society for Information Technology and Teacher Education International Conference 2007* (426-431). Chesapeake, VA: AACE.
- Ozkan, B.C. and Morris, B. J. (2006) Student assessments as a tool to improve online teaching. In Proceedings of *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2006*. (1732-1737) Norfolk, VA: AACE.
- McKenzie, B. and Ozkan, B.C. (2006). Building effective peer-to-peer distance mentoring program. In Proceedings of *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education 2006*. (740-748) Norfolk, VA: AACE.
- McKenzie, B., Ozkan, B.C. and Layton, K. (2006). Tips for administrators in promoting distance programs using peer mentoring. In proceedings of the *Distance Learning Administration (DLA) 2006*. Carrollton, GA.
- Morris, B. J. and Ozkan, B.C. (2006). Accommodating diverse needs of the students in online courses: What works! In proceedings of *World Conference on Educational Multimedia, Hypermedia, and Telecommunications (ED-MEDIA)* (1423-1428). Chesapeake, VA: AACE.
- McKenzie, B., Ozkan, B.C. and Layton, K. (2006). Distance learning faculty development via mentoring. In C. Crawford et al. (Eds.), Proceedings of *Society for Information Technology and Teacher Education International Conference 2006* (1282-1287). Chesapeake, VA: AACE.
- Ozkan, B., McKenzie, B. and Bray, M. (2005). How to make and break online classes: Lessons learned. In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2005* (993-998). Norfolk, VA: AACE.
- McKenzie, B., Ozkan, B., and Layton, K. (2005). Distance leadership practices: What works in higher education? In *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2005* (926-931). Norfolk, VA: AACE.
- McKenzie, B. and Ozkan, B.C. (2005). What are the evaluation practices of distance administrators? In proceedings of the *Distance Learning Administration (DLA) 2005*. (119-124). Carrollton, GA.
- McKenzie, B. and Ozkan, B.C. (2005). Interaction activities in the online classroom: What works and why. In Crawford C. (Ed.) *Society for Information Technology and Teacher Education International Conference: Vol. 2005* (1). (526-532). Norfolk, VA: Association for the Advancement of Computing in Education (AACE).
- Morris, B. and Ozkan, B.C. (2005). It's a matter of style: Going the distance. In Crawford C. (Ed.) *Society for Information Technology and Teacher Education International Conference: Vol. 2005* (1). (538-543). Norfolk, VA: Association for the Advancement of Computing in Education (AACE).

- Ozkan, B.C. (2004). Promoting practitioners' research through hybrid learning environments. In Carlsen, R., Davis, N.E., Price, J. & Willis, D.A. (Eds.) *Information Technology and Teacher Education International Conference Proceedings of SITE 2004. Vol. 2004* (1), (620-625). Norfolk, VA: Association for the Advancement of Computing in Education (AACE).
- Ozkan, B.C., Garcia-Villada, E. and Semko, N. (2003). Innovative technologies and foreign language teacher education: Major trends in the field. In Willis, D.A., Price, J., & Davis, N.E. (Eds.) *Information Technology and Teacher Education International Conference Proceedings of SITE 2003. Vol. 2003* (1), (2082-2085). Norfolk, VA: Association for the Advancement of Computing in Education (AACE).
- Ozkan, B.C., Garcia-Villada, E. and Semko, N. (2003). Establishing international collaborations through technology for teacher educators: Cases from three different countries. In Willis, D.A., Price, J., & Davis, N.E. (Eds.) *Information Technology and Teacher Education International Conference Proceedings of SITE 2003. Vol. 2003* (1), (1223-1226). Norfolk, VA: Association for the Advancement of Computing in Education (AACE).

Scholarly Presentations

- Czerkawski, B., & Ardito, G. (2019). Instructional design practices in teacher education programs. *Society for Information Technology and Teacher Education (SITE) Conference*. March 18-22, 2019. Las Vegas, NV.
- Ardito, G., & Czerkawski, B. (2019). The effects of gender and literacy in the development of computational thinking skills in 6th grade students. *Society for Information Technology and Teacher Education (SITE) Conference*. March 18-22, 2019. Las Vegas, NV.
- Czerkawski, B. C. (2018). Learning design to increase collaboration in international e-learning. *Society for Information Technology and Teacher Education (SITE) Conference*. March 26-30, 2018. Washington, D.C.
- Czerkawski, B. C. (2017). Community-based learning to foster computational thinking in teacher education programs. *Society for Information Technology and Teacher Education (SITE) Conference*. March 5-9, 2017. Austin, TX.
- Czerkawski, B.C. (2016). Classroom implementations of computational thinking: Examples from education majors. *E-Learn, World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. November 14-16, 2016. Washington, DC.
- Czerkawski, B.C. (2016). A research agenda for computational thinking. *Association for Educational Communications and Technology (AECT) Conference*. October 17-21, 2016. Las Vegas, NV.
- Czerkawski, B.C. (2016). Computational thinking and teacher education: Are we there yet? *Society for Information Technology and Teacher Education (SITE) Conference*. March 21-25, 2016. Savannah, GA.

- Czerkawski, B. (2015). Computational thinking in virtual learning environments. *E-Learn, World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. October 9-20, 2015. Kona, Hawaii: HI.
- Czerkawski, B.C. & Bezduch, R. (2015). A review of learning analytics tools. *Ed-Media, World Conference on Educational Media and Technology*. June 22-25, 2015. Montreal, Quebec, Canada.
- Czerkawski, B. (2014) Educational objectives for promoting computational thinking in e-learning. *E-Learn, World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. October 27-30, 2014. New Orleans, LA.
- Czerkawski, B.C. & Bumen, N. (2013). Universal design for E-learning: A review of the literature for higher education. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. October 21-25, 2013. Las Vegas, NV.
- Czerkawski, B.C. (2013). Instructional design for computational thinking. *Society for Information Technology and Teacher Education (SITE) Conference*. March 25-29, 2013. New Orleans, LA.
- Czerkawski, B.C. & Lieberman, M. (2012). Building collaborative international learning experiences using social networks. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. October 9-12, 2012. Montreal, Quebec.
- Xu, L. & Czerkawski, B. (2012). Designing online course components to infuse computational thinking in computer science. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. October 9-12, 2012. Montreal, Quebec.
- Czerkawski, B. & Xu, L. (2012). Computational thinking and educational technology. *World Conference on Educational Multimedia, Hypermedia, and Telecommunications (ED-MEDIA)*, June 26-June 29, 2012. Denver, CO.
- Czerkawski, B.C. (2012). Benefits and potentials of semantic web in teacher education. *Society for Information Technology and Teacher Education (SITE) Conference*. March 5-9, 2012. Austin, TX.
- Czerkawski, B.C. (2011) Implications of connectivist pedagogy for online learning environments. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. November 17-21, 2011. Honolulu, HI.
- Czerkawski, B.C. (2011). Immersive learning experiences through open source virtual worlds. *World Conference on Educational Multimedia, Hypermedia, and Telecommunications (ED-MEDIA)*, June 27-July 1, 2011. Lisbon, Portugal.
- Ozkan, B.C. (2010). Current and future trends in free and open source software. *Society for Information Technology and Teacher Education (SITE) Conference*. San Diego, CA. March 29-April 2, 2010.
- McKenzie, B. & Mims, N. & Ozkan, B.C. (2010). Identifying the Characteristics of Photo Bloggers: An Exploratory Study. *Society for Information Technology and Teacher Education (SITE) Conference*. San Diego, CA. March 29-April 2, 2010.

- Ozkan, B.C. & De Vito, D. (2009). What do secondary teacher education students think about Second Life? *Society for Information Technology and Teacher Education (SITE) Conference*. Charleston, SC. March 2-6, 2009.
- De Vito, D. & Ozkan, B.C. (2009). Assessing teacher educators' instructional technology needs. *Society for Information Technology and Teacher Education (SITE) Conference*. Charleston, SC. March 2-6, 2009.
- McKenzie, B. & Ozkan, B.C. (2009). Photo Blogs: Uses, advantages and challenges. *Society for Information Technology and Teacher Education (SITE) Conference*. Charleston, SC. March 2-6, 2009.
- Ozkan, B.C. (2008). How to effectively use free and open software in education. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Las Vegas, Nevada. November 17-21, 2008.
- McKenzie, B. K., Huett, J., Haynes, L. & Ozkan, B. (2008). Turning hindsight into foresight: Mentoring new distance education faculty. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Las Vegas, Nevada. November 17-21, 2008.
- McKenzie, B. K., Huett, J. Layton, K., Huett, K. & Ozkan, B. (2008). Getting distance administrators to make time for Web 2.0. *Distance Learning Administration (DLA) 2008 Annual Meeting*, Jekyll Island, GA. June 22-25, 2008.
- Ozkan, B.C. & McKenzie, B. (2008). Social networking tools for teacher education. *Society for Information Technology and Teacher Education (SITE) Conference*. Las Vegas, Nevada. March 3-7, 2008.
- McKenzie, B., Ozkan, B.C. & Baylen, D. (2008). How are photoblogs integrated into curriculum? *Society for Information Technology and Teacher Education (SITE) Conference*. Las Vegas, Nevada. March 3-7, 2008.
- Ozkan, B.C. (2008). Building online communities of practice: A review of current research. *Eastern Educational Research Association (EERA) 2008 Annual Meeting*, Hilton Head, SC. February 20-23, 2008.
- Ozkan, B.C. (2008). Open source course management system: One University's experience with Moodle. *Eastern Educational Research Association (EERA) 2008 Annual Meeting*, Hilton Head, SC. February 20-23, 2008.
- Ozkan, B.C. & McKenzie, B. (2007). Open social software applications and their impact on distance education. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Quebec City, Canada. October 15-19, 2007.
- McKenzie, B., Haynes, L., Huett, J. Ozkan, B. & Shook, A. (2007). Transformational change: Moving beyond face to face instruction. *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Quebec City, Canada. October 15-19, 2007.

- McKenzie, B.K., Haynes, L., Shook, A. & Ozkan, B.C. (2007). What distance administrators need to know about mentoring? *Distance Learning Administration (DLA) 2007 Annual Meeting*, St. Simons Island, GA. June 24-27, 2007.
- McKenzie, B. & Ozkan, B.C. (2007). Online peer mentoring programs for distance faculty. *Academic Impressions*. Web Conference. Delivered on April 12, 2007.
https://www.academicimpressions.com/web_conferences/0407-peer-mentoring.php
- Ozkan, B. C. & Schrynemakers, G. (2007) Adoption of a new generation social networking program: Cases from an urban university. Paper presented at the *Third Annual Technology and Learning Symposium*, New York University. April 19, 2007.
- Ozkan, B.C. & Campbell, A. (2007). Adopting Elgg for electronic learning portfolios. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*. San Antonio, Texas. March 26-30, 2007.
- McKenzie, B.K., Ozkan, B.C., Haynes, L. & Shook, A. (2007). What successful distance mentors do: An exploratory study. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*. San Antonio, Texas. March 26-30, 2007.
- Ozkan, B.C. & McKenzie, B. (2007). The potential of social software in teacher education. Paper presented at the *Eastern Educational Research Association (EERA) 2007 Annual Meeting*, Clearwater, FL. February 14-17, 2007.
- McKenzie, B. & Ozkan, B.C. (2007). Motivating online students: Strategies that work. Paper presented at the *Eastern Educational Research Association (EERA) 2007 Annual Meeting*, Clearwater, FL. February 14-17, 2007.
- Ozkan, B.C. and Morris, B. J. (2006) Student assessments as a tool to improve online teaching. Paper presented at the *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Honolulu, Hawaii. October 13-17, 2006.
- Ozkan, B.C., Morris, B., McKenzie, B., Talley, C., and King, N. (2006). Tips to guide and common mistakes to avoid when teaching online. Panel led by Ozkan at the *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Honolulu, Hawaii. October 13-17, 2006.
- McKenzie, B. and Ozkan, B.C. (2006). Building effective peer-to-peer distance mentoring program. Paper presented at the *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Honolulu, Hawaii. October 13-17, 2006.
- Morris, B. J. and Ozkan, B.C. (2006). Accommodating diverse needs of the students in online courses: What works! Paper presented at the *World Conference on Educational Multimedia, Hypermedia, and Telecommunications (ED-MEDIA)*, Orlando, Florida. June 26-30, 2006.
- McKenzie, B., Ozkan, B.C. and Layton, K. (2006). Tips for administrators in promoting distance programs using peer mentoring. Paper presented at the *Distance Learning Administration (DLA) 2006 Annual Meeting*, Jekyll Island, GA. June 4-7, 2006. *Best Paper Award*.

- McKenzie, B., Ozkan, B.C. and Layton, K. (2006). Distance learning faculty development via mentoring. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference* which will be held in Orlando, Florida. March 20-24, 2006.
- Ozkan, B.C. and McKenzie, B. (2006). Evaluating educational technologies: Technology connoisseurs in the campus. Paper presented at the *Eastern Educational Research Association (EERA) 2006 Annual Meeting*, Hilton Head, South Carolina. February 22-25, 2006.
- Ozkan, B., McKenzie, B. and Bray, M. (2005). How to make and break online classes: Lessons learned. Paper presented at the *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Vancouver, Canada. October 24-28, 2005.
- McKenzie, B., Ozkan, B., and Layton, K. (2005). Distance leadership practices: What works in higher education? Paper presented at the *E-Learn World Conference on E-Learning on Corporate, Government, Health Care and Higher Education*. Vancouver, Canada. October 24-28, 2005.
- McKenzie, B. and Ozkan, B.C. (2005). What are the evaluation practices of distance administrators? Paper presented at the *Distance Learning Administration (DLA) 2005 Annual Meeting*, Jekyll Island, GA. June 5-8, 2005.
- McKenzie, B. and Ozkan, B.C. (2005). Interaction activities in online classrooms: What works and why. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*, Phoenix, Arizona. March 1-5, 2005.
- Morris, B. and Ozkan, B.C. (2005). It's a matter of style: Going the distance. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*, Phoenix, Arizona. March 1-5, 2005.
- Ozkan, B.C. (2004). Analyzing visual data using computer based qualitative data analysis software (CQDAS). Paper presented at the *Advances in Qualitative Methods Conference*, Edmonton, Alberta, Canada. January 29-31, 2004.
- Ozkan, B.C. and McKenzie, B. (2004). Implications of Eisner's connoisseurship model in the evaluation of educational technologies. Paper presented at the *American Evaluation Association (AEA) Annual Meeting*, November 3-6, 2004, Atlanta, Georgia.
- Ozkan, B.C. (2004) Promoting practitioners' research through hybrid learning environments. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*, Atlanta, Georgia. March 1-6, 2004.
- Ozkan, B. C. and Morris, B. J. (2004). Customizing instruction based on students' online learning characteristics. Paper presented at the *29th. Annual Meeting of Georgia Educational Research Association (GERA)*. Savannah, Georgia, November 12, 2004.
- Ozkan, B.C., Garcia-Villada, E. and Semko, N. (2003). Innovative technologies and foreign language teacher education: Major trends in the field. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*, Albuquerque, New Mexico. March 24-29, 2003.

- Ozkan, B.C., Garcia-Villada, E. and Semko, N. (2003). Establishing international collaborations through technology for teacher educators: Cases from three different countries. Paper presented at the *Society for Information Technology and Teacher Education (SITE) Conference*, Albuquerque, New Mexico. March 24-29, 2003.
- Willis, J., Ozkan, B.C. and Semko, N. (2003). The Bilkent Project: A Fulbright internship program for Turkish teacher education students. Panel took place at the *Society for Information Technology and Teacher Education (SITE) Conference*, Albuquerque, New Mexico. March 24-29, 2003.
- Ozkan, B.C., Davis, N. and Johnson, N. (2003). An innovative approach on the analysis of qualitative interview data: The case of Iowa State University's PT3 implementation grant. Paper presented at the *International Conference on Innovations in Higher Education*, Kiev, Ukraine. May 16-19, 2003.
- Ozkan, B.C. and Bennett, E. (2003). Preparing teacher researchers in media and instructional technology: Problems and obstacles. Paper presented at the *28th. Annual Meeting of Georgia Educational Research Association (GERA)*. Savannah, Georgia, November 14, 2003.

Invited Presentations

- Czerkawski, B. (2019, January 25-26). Designing Online Foreign Language Learning Environments for Engagement and Deeper Learning. *Interdisciplinary Views on Education and Professionalization: Transnational Voices on Future Directions in Higher Education - A Joint Symposium*. Tucson, AZ.
- Czerkawski, B. (2018, February 6). Educational Computing for Digital Learning. Institute of Higher Education, National Academy of Educational Sciences of Ukraine. Kiev, Ukraine.
- Czerkawski, B. (2018, January 22). Educational Computing for Digital Learning. Bogomolets National Medical University. Kiev, Ukraine.
- Czerkawski, B. (2018, January 16). Computational Thinking for Digital Learning. Kiev Institute of Business and Technology. Kiev, Ukraine.
- Czerkawski, B. (2017, December 14). Digital Learning with Emerging Technologies. Kyiv Vadym Hetman National Economic University. Kiev, Ukraine.
- Czerkawski, B. (2012). *Web 2.0 Tools in Education*. Cochise College Technology Conference, July 14, 2012.
- Ozkan, B. C. (2007). Using open social software in educational research. Capella University, Doctoral Colloquium. Anaheim, CA. December 28, 2007-January 1, 2008.
- Ozkan, B.C. (2007). *The trends in technology for library instruction*. Library Retreat Day: Long Island University. January 12, 2007.
- Ozkan, B.C. (2003). *Enhancing foreign language learning experiences through instructional technologies*. Faculty Seminar Series: Effective Use of Technology in the Foreign Language Classroom. Department of Foreign Languages and Literatures, Iowa State University. April 15, 2003.

Non- Refereed Publications in Scholarly Magazines and Databases

- Czerkawski, B. (2018). Editorial. “Editorial: ITET: Instructional design practices in teacher education”. *Issues and Trends in Educational Technology*. 6(2).
- Czerkawski, B. (2018). Editorial. “Editorial: ITET: A venue for mentoring and sponsoring graduate students in the digital age”. *Issues and Trends in Educational Technology*. 6(1).
- Czerkawski, B. & Schmidt, N. (2017). Editorial. “Editorial: Why we need to humanize online education”. *Issues and Trends in Educational Technology*. 5(1).
- Czerkawski, B. & Lyman, G. (2016). Editorial. “Editorial: Computational thinking in education”. *Issues and Trends in Educational Technology*. 4(2).
- Czerkawski, B. & Lyman, G. (2016). Editorial. “Editorial: Mentoring graduate students”. *Issues and Trends in Educational Technology*. 4(1).
<https://journals.uair.arizona.edu/index.php/itet/article/view/19425>.
- Czerkawski, B. & Lyman, G. (2015). Editorial. “Editorial: Educational Computing versus Computer Science”. *Issues and Trends in Educational Technology*. 3(2).
<https://journals.uair.arizona.edu/index.php/itet/article/view/18753>.
- Czerkawski, B. (2015, November 13). “Coding is “Cool,” But What About Teacher Education and Effective Curriculum Design?” <http://www.etr.org/blog/my-take-cool-code/>
- Czerkawski, B. & Lyman, G. (2015). Editorial. “Editorial: Research Groups and Individual Scholarship”. *Issues and Trends in Educational Technology*. 3(1). Available at
<https://journals.uair.arizona.edu/index.php/itet/article/view/18659/18306>.
- Czerkawski, B. & Lyman, G. (2014). Editorial. “Horizon Report 2014 and Current Status of E-Learning”. *Issues and Trends in Educational Technology*. 2(2). Available at
<https://journals.uair.arizona.edu/index.php/itet/article/view/18392/18101>.
- Czerkawski, B. & Lyman, G. (2014). Editorial. “New form of scholarship and open access journals”. *Issues and Trends in Educational Technology*. 2(1). Available at
<https://journals.uair.arizona.edu/index.php/itet/article/view/18155/17891>.
- Czerkawski, B. & Lieberman, M. (2013). Editorial. “New publication mode for *Issues and Trends in Educational Technology*”. *Issues and Trends in Educational Technology*. 1(2). Available at
<https://journals.uair.arizona.edu/index.php/itet/article/view/17888/17606>.
- Czerkawski, B. & Lieberman, M. (2013). Editorial. “On the first issue of *Issues and Trends in Educational Technology*”. *Issues and Trends in Educational Technology*. 1(1). Available at
<https://journals.uair.arizona.edu/index.php/itet/article/view/16738>.

Grants

- 2019 (submitted) Innovating Ukrainian Education System through Emerging Learning Technologies. U.S. Embassy in Ukraine. PI. \$30,000.
- 2019 (submitted). Developing a Framework for Mixed Reality Environments through International Learning Experiences. PI. \$30,000.
- 2017. Digital Border Dialogues: Identity, Interculturality, and Educational Empowerment. E. Kralovec, B. Czerkawski, (U of Arizona) F. Dervin. (U. of Helsinki) (Co-PIs). U of Arizona. Office of Research, Discovery, & Innovation. \$30,000.
- 2012. University of Arizona. Online Course (OEP) Project for Instructional Design Certificate *Principal Investigator* (\$10,000) (%100 contribution).
- 2012. University of Arizona. Online Course (OEP) Project for Informatics Educational Technology Track. *Principal Investigator* (\$15,000) (%100 contribution).

- 2012. University of Arizona South. Online Course Development Project. Educational Technology Minor. *Principal Investigator* (\$30,000) (%60 contribution).
- 2012. University of Arizona. Small Grants for Academic Collaborations in the Americas. (\$1,500). *Principal Investigator*. (%100 contribution)
- 2010, University of Arizona. Office for the Responsible Conduct of Research & Graduate College. *Principal Investigator*. (\$3,000). (%100 contribution)
- 2001- 2003. Iowa State University-Bilkent University Fulbright Grant. *Project Manager* (\$510,000). (%40 contribution).

Doctoral Committee Work

- Beckford, C. (2018). Learner-centric course delivery in the online environment. The University of the West Indies. Jamaica. (External Reviewer).
- King, C. (2017). Un'TPACK'ing AT Education in Canada: An Exploration of an Innovative Case-Based Learning Approach. Acadia University, Canada (Member).
- Walsh, J. (2013). The Effects of Targeted, Connectivism-Based Information Literacy Instruction on Latino Students Information Literacy Skills and Library Usage Behavior. University of Arizona. (Co-Chair).
- Smith, V. (2012) Designing online instruction for internationally educated nurses. Unpublished Doctoral Dissertation. Capella University.
- Manley, L. (2012) In search of higher order thinking: Examining a Physics I web-enhanced instructional design. Unpublished Doctoral Dissertation. Capella University.
- Goode, C. (2011). Integrating social software into Second Life learning environments: A Delphi study on instructional design processes. Unpublished Doctoral Dissertation. Capella University.
- Maryannakis, A. (2009). Effectiveness of objectivist online instruction on graduate learners' knowledge and competence. Unpublished Doctoral Dissertation. Capella University.

Professional Activities

Courses Taught

- Seminar in Educational Technology
- Learning Technologies in the Digital Age
- Educational Gaming and Simulations
- Designing Online Learning Environments
- Advanced Instructional Design
- Instructional Design
- Special Topics in Instructional Design
- Interface Design
- Multimedia Applications in Education
- Evaluating Educational Technology
- Integrating Technology into the Curriculum
- K-12 Students Using Technology
- Instructional Technology
- Research Seminar I
- Research Seminar II
- Internet Tools, Resources and Issues
- Advanced Computer Utilization
- 35 mm and Digital Photography
- Introduction to Multimedia

Courses Designed

- Seminar in Educational Technology (graduate)
- Special Topics in Instructional Design (graduate)
- Advanced Instructional Design (graduate)
- Statistics in Digital Age (undergraduate)
- Preceptorship (undergraduate; graduate)
- Integrating Technology into the Curriculum (undergraduate)
- Introduction to Human Computer Interaction (undergraduate)
- Principles of Web Design (undergraduate)
- Principles and Practices of Distance Education (undergraduate)
- Introduction to Serious Game Design (undergraduate)
- Internship (undergraduate)
- Independent Study (undergraduate)
- Digital Photography in Education (graduate)
- Educational Gaming and Simulations (graduate)
- Designing Online Learning Environments (graduate)
- Program Evaluation (graduate)

Programs Designed

- Master's of Science in Educational Technology (transfer entire program from face-to-face to online) (Fall 2008)
- Graduate Certificate in Educational Technology (Fall 2009)
- Undergraduate Minor in Educational Technology (Spring 2012)
- Undergraduate Educational Technology Track for Informatics BAS Program (Spring 2012)
- Graduate Certificate in Instructional Design & Technology (Fall 2012)
- MA in Second Language Learning and Educational Technology (Spring 2014) Co-designed with Dr. Robert Ariew

Professional Affiliations

Association for the Advancement of Computing in Education (AACE)

Association for Educational Communications and Technology (AECT)

American Educational Research Association (AERA)