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Education

- Ph.D.: Educational Psychology/Technology and Cognition (2000); Michigan State University
 - Master of Public Health: Public Health Administration (2021); Kent State University
 - Master of Arts: Educational Psychology/Educational Technology & Instructional Design (1996); Michigan State University
 - Bachelor of Arts: Psychology (1994); Calvin College
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Honors and Awards

- 2025 SURE – Summer Undergraduate Research Experience Mentor; Kent State University
- 2025 Spring Platinum Teaching Recognition Award – “Using Augmented Reality to Improve Students’ Motivation, Knowledge, and Presence” (with E. Gandolfi); Kent State University
- 2024 Distinguished Teaching Award; Kent State University & KSU Alumni Association
- 2023 DLC Research Impact Award (with A. Fleetwood, E. Black, & L. Thompson): Digital Learning Collaborative
- 2022 Spring Platinum Teaching Recognition Award – “Teaching the Game” (with E. Baumgartner & E. Gandolfi); Kent State University
- 2021 Outstanding Research and Creative Activity Award Senior Investigator; Kent State University EHHS
- 2021 Delta Omega Honorary Society (Epsilon Gamma); Kent State University
- 2021 Fall Platinum Teaching Recognition Award – “Understanding Nursing Student Choice in Completion of Presimulation Activities” (with T. Dodson); Kent State University
- 2021 Spring Platinum Teaching Recognition Award – “Gaming and anxiety in the nursing simulation lab” (with J. Reed); Kent State University
- 2020 Fall Platinum Teaching Recognition Award – “Collaborative gaming as an agent of motivation to increase retention in online learning” (with E. Baumgartner & E. Gandolfi); Kent State University
- 2017 President’s Faculty Excellence Award; Kent State University
- 2017 College of Public Health Dean’s Fellowship; Kent State University
- 2016 Outstanding Research and Scholarship Award; Kent State University
- 2015 ELTon Award Finalist; Cambridge English, British Council
- 2014 Honorable Mention (Best Paper); 2014 IEEE Virtual Reality Conference; Minnesota, MN

- 2014 Learning to Lead Mentor; Kent State University
- 2013 Michigan Virtual Learning Research Institute Fellow; Michigan Virtual University
- 2012 Summit Professorship in Learning Technologies; Kent State University
- 2012 Visiting Professorship; Università degli studi di Modena e Reggio Emilia (Italy)
- 2009 RCET Research Professorship; Kent State University
- 2008 UFRF Research Professorship; University of Florida
- 2007 University Scholars Program Mentor; University of Florida
- 2005 University of Florida Distinguished International Educator
- 2004 University of Florida International Educator of the Year Nominee
- 2002 ORAU Ralph E. Powe Award Nominee; University of Florida
- 2002 University Scholars Program Mentor; University of Florida
- 2000 Governor's Technology Showcase, 2nd Place, State of Michigan
- 1999 Spencer Foundation Fellowship (Research Training Grant); Michigan State University
- 1999 Best Research Paper, Society For Information Technology & Teacher Education Conference (SITE99)
- 1998 Multimedia Training Award, Brandon Hall & Associates
- 1998 Spencer Fellowship (Research Training Grant), the Spencer Foundation & Michigan State University
- 1996 Outstanding Academic Achievement Award, Michigan State University
- 1996 Recruiting Fellowship, Michigan State University
- 1994 State of Michigan Competitive Scholarship, Calvin College
- 1994 Alumni Volunteer Scholarship, Calvin College

Funded Grants

- Ferdig, R.E., Gandolfi, E., Cenker, M., & Wang., J. (2026). PI for funded grant proposal (\$857,305.00) titled, "KSU Teach CS 2027: Advancing CS through Interdisciplinary Foci and AI Perspectives." Ohio Department of Higher Education.
- Coolen, J.M., Lawless-Andric, D.M., Amado, J.B., Ferdig, R.E., Guercio, A., Gurkan, D., Kamali, M., Khan, J.I., Marshall, S.K., Razavi, R., Scholl, A.E., (2025). Key personnel for funded grant proposal (\$779,999.92) titled, "Choose Ohio First in Computer Science and Engineering at Kent State University." Ohio Department of Higher Education.
- Ferdig, R.E., Gandolfi, E., Crowe, A.R., Kratcoski., A., & Cenker, M. (2025). PI for funded grant proposal (\$590,077.56) titled, "KSU TeachCS 3.0: Innovative methods for preparing a new generation of CS teachers and students in Ohio." Ohio Department of Higher Education.
- Johnson, M.A., & Cenker, M., & Ferdig., R.E. (2025). Key personnel for funded grant proposal (\$49,652.00) titled, "Transformation 1090: Enhancing educator training for improved student outcomes in Ogun State, Nigeria." United States Department of State.
- Ferdig, R.E., Khan, J., Gandolfi, E., Guercio, A., Crowe, A.R., Kratcoski, A., Allouzi, M., & Cenker, M. (2024). PI for funded grant proposal (\$725,579) titled, "KSU

TeachCS 2.0: Innovative methods for preparing a new generation of CS teachers and students in Ohio.” Ohio Department of Higher Education.

- Ferdig, R.E., Khan, J., Gandolfi, E., Guercio, A., Crowe, A.R., Kratcoski, A., Allouzi, M., & Cenker, M. (2024). PI for funded grant proposal (\$1,010,000) titled, “KSU TeachCS: Innovative methods for preparing a new generation of CS teachers and students in Ohio.” Ohio Department of Higher Education.
- Kosko, K. W., Caniglia, J., & Ferdig, R. E. (March 2023). Co-PI for funded grant proposal (\$14,940) titled, “Visualizing math via makerspace manipulatives.” Martha Holden Jennings Foundation.
- Kosko, K. W., Guan, Q., & Ferdig, R. E. (January 2023). Co-PI for funded grant proposal (\$101,928.67) titled, “Designing a machine learning tool to assess children’s fraction arithmetic.” Jaffe Foundation.
- Ferdig, R.E., & Guan, Q. (2023). PI for funded grant proposal (\$5000) titled, “Dissemination of a mobile and GIS-based app to address tree health.” Subcontract to Cleveland Metroparks; United States Department of Agriculture.
- Gandolfi, E., Kratcoski, A., & Ferdig, R.E. (2021). Co-PI for funded grant proposal (\$44,995.33) titled, “Subgrants for Partners Increasing the Number of Students Earning Industry-Recognized Credentials.” Tiffin City Schools.
- Campbell, J.R., Ferdig, R.E., Kennedy, H.M., Mistur, M.S., Pospichel, K.A., & Woolverton, C.J. (2020). Co-PI for funded grant proposal (\$10,000) titled, “Kent State’s Design Innovation Response to COVID-19.” Burton D. Morgan Foundation
- Campbell, J.R., Ferdig, R.E., Kennedy, H.M., Mistur, M.S., Pospichel, K.A., & Woolverton, C.J. (2020). Co-PI for funded grant proposal (\$3,000) titled “Kent State’s Design Innovation Response to COVID-19.” United Way of Portage County
- Ferdig, R.E., & Lu, C.C. (2020). PI for funded grant proposal (\$7500) titled “Dissemination of a mobile and GIS-based app to address tree health.” Subcontract to Cleveland Metroparks; United States Department of Agriculture.
- Ferdig, R.E., Clements, R., Gandolfi, R., Kratcoski, A, & Lu, C.C. (2020). PI for funded grant proposal (\$175,000) titled “Social Engagement in Layers of History: Instant Creation of Universal Access to Humanities Content.” National Endowment for the Humanities: Digital Projects For the Public.
- Alemagno, S., Ferdig, R.E., Lu, C.C., & Hallam, J.S. (2019). Co-PI for funded grant proposal (\$150,024.37) titled “Smart and Connected Health Outreach Outcomes and Learning (SCHOOL) Collaborative.” Akron Children’s Hospital.
- Kosko, K., Ferdig, R.E., & Lu, C.C. (2019). Co-PI for funded grant proposal (\$1,488,759.00) titled “Design and Implementation of Immersive Representations of Practice.” National Science Foundation: Discovery Research K-12 (#1908159).
- Haridakis, P., Clements, R.J., Gandolfi, E., Farmer, M.J., Ferdig, R.E., Lu, C.C., Kratcoski, A.L, Boes, L.A, Bracher, M., Clewell, T., Syed, I.K. (2018). Co-PI for funded grant proposal (\$75,000) titled “Layers of History: Experiencing May 4, 1970, and Its Legacy.” National Endowment for the Humanities: Digital Projects For the Public.
- Pytash, K.E., Ferdig, R.E., Kratcoski, A., & Wisdom, S. (2016). Co-PI for funded grant proposal (\$14,997) titled “Women and Minorities in the Workforce: A Case Study in

Arboriculture.” The Davey Institute of Tree Sciences of The Davey Tree Expert Company.

- Ferdig, R.E., Bedesem, P., Harjusola-Webb, S., Sansosti, F., and Lu, C.C. (2015). Principal Investigator for funded grant proposal (\$198,432) titled “Exploring Mobile Apps for Special Education STEAM Teaching and Learning.” AT&T Foundation.
- Marhefka, D. & Dunlosky, J. (2015). Investigator for funded grant proposal (\$732,044) titled “STTR Phase II: Digital eWriter for The Classroom.” National Science Foundation: STTR PHASE II (#1534669).
- Ferdig, R.E., Lu, C.C., Lorch, P. & Kratoski, A. (2014). Principal Investigator for funded grant proposal (\$951,808) titled “Innovations in Development: The Use of Mobile Applications for Informal Learning in the Cuyahoga Valley National Park.” National Science Foundation: Advancing Informal Science Learning (#1422764).
- Kosko, K.W. & Ferdig, R.E. (2014). Co-PI for funded grant proposal (\$30,725.49) titled “Making Mathematics Mobile (M3): Collaborating with K-12 Schools to Explore Mathematics Apps.” Martha Holden Jennings Foundation.
- Cook, D., Ferdig, R.E., Kovalik, C., Kratoski, A. (2011). Co-PI for funded grant proposal (\$100,000) titled “Increasing collaboration among teachers for information communication technologies project (ICT2).” eTech Ohio’s Teacher Planning Grant.
- Espe-Sherwindt, M., Duby, J., Brotman-Domoracki, S., Krumm, M, Ferdig, R.E., Rowan, L. (2010). Investigator for funded grant proposal (\$29,991) titled: “Assessing telehealth readiness of families of young children with hearing loss.” Akron Children’s Hospital Foundation.
- Lok, B., Ferdig, R.E., Lind, D. (2008). Co-Principal Investigator for funded grant proposal (\$599,000) titled, “Mixed Reality Humans for Training.” National Science Foundation Human-Center-Computing Medium program.
- Sadler, T. D., Annetta, L., Koroly, M. J., Ferdig, R. E., Snyder, R. O. (2008). Co-Principal investigator for funded grant proposal (\$1,489,596) titled, “OUTBREAK: Opportunities to use immersive technologies to explore biotechnology resources, career education and knowledge.” National Science Foundation ITES program. NSF#0848089.
- Ferdig, R.E. (2007). Principal Investigator for funded grant proposal (\$3,000) titled, “Understanding olfaction and learning.” University of Florida College Research Incentive Fund.
- Ferdig, R.E. (2007). Principal investigator for funded grant proposal (\$5000) titled, “International Leadership in Educational Technology in Africa”. Center for African Studies; University of Florida.
- Ferdig, R.E. (2006). Principal Investigator for funded grant proposal (\$600,000) titled, “Establishing a framework to strengthen virtual high schools: A collaborative initiative to improve student performance and quality of instruction.” BellSouth Foundation.
- Elder, J., Ferdig, R.E., Lewis, M.H., Mutch, P.J., Seung, H., Star, J.E. & Valcante, G. (2005). Co-Investigator for funded grant proposal (\$1,052,145) entitled, “Fathers as in-home trainers of autistic children.” National Institutes of Health (NIH).

- Davis, N. (2004). Principal Investigator for funded subcontract grant proposal (\$574,730) titled, "Teacher education takes on virtual schooling." Fund for the Improvement of Post Secondary Education (FIPSE). UF Subcontract: \$21,000.
- Ferdig, R.E. (2004). Principal Investigator for funded grant proposal (\$8,750) titled, "Teaching teachers about technology online." Faculty Innovation Grant, University of Florida.
- Ferdig, R.E. (2004). Principal Investigator for funded grant proposal (\$76,344) titled, "Teaching and learning in collaborative virtual high schools." North Central Regional Educational Laboratory, a subsidiary of Learning Point Associates (LPA), for the LPA K-12 Online Learning Research Initiative.
- Dieker, L.A., Lane, H.B. & Allsopp, D.H. (2003). Consultant for funded grant proposal (\$216,782) titled, "The learning stream: A web-based video library to promote teacher and student learning." The Multi-University Reading, Mathematics, and Science Initiative; Learning Systems Institute, Florida State University. UF Subcontract: \$63,355.
- Ferdig, R.E. (2003). Principal Investigator for funded grant proposal (\$6,000) titled, "Handheld teaching and learning devices for education: Innovations for curricular change, teacher professional development, and student discovery." University of Florida Faculty Research Award.
- Dawson, K. & Ferdig, R.E. (2002). Co-Principal Investigator for funded subcontract grant proposal (\$194,516) titled, "International Leadership for Educational Technology: A Transatlantic Bridge for Doctoral Studies." A three-year initiative led by Iowa State University. Fund for the Improvement of Post Secondary Education (FIPSE). UF subcontract: \$48,730.
- Ferdig, R.E. (2002). Principal Investigator for funded grant proposal (\$3,500) titled, "Technology in Florida Schools: An analysis of Best Practice." University of Florida College Research Incentive Fund.
- Reading Classroom Explorer Group (2000). Researcher for funded grant proposal (\$82,000) titled, "The Reading Classroom Explorer project: Using hypermedia to support preservice teachers' learning about literacy, diversity, and technology." Fund for the Improvement of Post Secondary Education (FIPSE).
- Ferdig, R.E. & Mishra, P. (1999). Co-Principal Investigator for funded grant proposal (\$1,680) titled, "Telling stories with technology: Theories of narrative in commercial storytelling software." Michigan State University College Research Fund.
- Reading Classroom Explorer Group (1998). Funded grant proposal (\$9,983) titled, "The Reading Classroom Explorer project: Using hypermedia to support preservice teachers' learning about literacy, diversity, and technology." Michigan State University College Research Fund.

Publications & Presentations

Publications in Peer-Reviewed Journals

- Gandolfi, E., Soyuturk, I., Kosko, W. K., Ferdig, R. E., & Clements, R. (2026). Measuring presence in virtual world teacher education: Validation of the eXtended Reality

Presence Scale. *Educational Technology Research and Development*.

<https://doi.org/10.1007/s11423-026-10619-w>

- Kosko, K. W., Zolfaghari, M., Ferdig, R. E., Gandolfi, E., Austin, C. K., Pavlic, C., & Guan, Q. (in press). Effects of perceptual and cognitive factors on preservice teachers' professional noticing: A grounded cognitive perspective of professional noticing. *ZDM*. <https://doi.org/10.1007/s11858-025-01734-8>
- Kosko, K.W., Ferdig, R.E., Lenart, C., Heisler, J., Guan, Q. (2026). Exploring teachers' eye-tracking data and professional noticing when viewing a 360 video of elementary mathematics. *Journal of Mathematics Teacher Education*, 29, 181-204. <https://doi.org/10.1007/s10857-024-09667-x>
- Mills, M., Gandolfi, E., Ferdig, R. E., & Peer, K. (2026). The effect of debriefing following a computer-based low-fidelity simulation on the self-efficacy of health professions students: A randomized cross-over control study. *Internet Journal of Allied Health Sciences and Practice*, 24(1), Article 11.
- Dhimolea, T.K., Kaplan-Rakowski, R. & Ferdig, R.E. (2025). An empirical analysis of the use of virtual reality for coping with social isolation. *Journal of Technology in Behavioral Science*. <https://doi.org/10.1007/s41347-025-00509-y>
- Gandolfi, E., & Ferdig, R.E. (2025). Exploring the relationship between motivation and augmented reality presence using the augmented reality presence scale (ARPS). *Educational Technology Research & Development*, 73, 793-814. <https://doi.org/10.1007/s11423-025-10446-5>
- Lampropoulos, G., Ferdig, R.E., & Kaplan-Rakowski, R. (2025). A social media data analysis of general and educational use of ChatGPT: Understanding emotional educators through Twitter data. *Educational Technology & Society*, 28(3), 51-65. [https://doi.org/10.30191/ETS.202507_28\(3\).SP05](https://doi.org/10.30191/ETS.202507_28(3).SP05)
- Reed, J.M., Aller, L., Ferdig, R.E. (2025). The impact of nursing assistant work on academics, anxiety, and clinical judgment. *Journal of Nursing Education*, 64(2), 91-97. <https://journals.healio.com/doi/10.3928/01484834-20240925-02>
- Ferdig, R.E., Soyuturk, I., Baumgartner, E., Gandolfi, E. (2024). Computer science in PK-12: Attitudes, beliefs, and self-efficacy of inservice teachers. *Journal of Technology and Teacher Education* 32(4), 495-519. <https://www.learntechlib.org/primary/p/225060/>
- Gandolfi, E., Ferdig, R. E., & Kosko, K. W. (2024). Evaluating how extended reality delivery device and preservice teacher major impact presence in immersive learning environments. *British Journal of Educational Technology*, 55(5), 2296–2314. <https://doi.org/10.1111/bjet.13446>
- Gandolfi, E., Ferdig, R. E., Wang, J., Morris, G., Copus, A., & Shihab, S. R. (2024). Online gaming as a double-edged sword: An Analysis of game community receptiveness, in-game vitality, and player well-being. *Education and Information Technologies*, 29, 5349-5379. <https://doi.org/10.1007/s10639-023-12011-0>
- Kaplan-Rakowski, R., Cockerham, D., & Ferdig, R.E. (2024). The impact of sound and immersive experience on learners when using virtual reality and tablet: A mixed-method study. *British Journal of Educational Technology*, 55(4), 1560-1582. <http://doi.org/10.1111/bjet.13417>

- Reed, J. M., Ferdig, R. E., Karpinski, A. C., & Zsidó, A. N. (2024). A short form for measuring anxiety in nursing education. *Journal of Nursing Measurement*, 32(2), 312-319. <http://dx.doi.org/10.1891/JNM-2022-0131>
- Ferdig, R.E., Gandolfi, E., Lenart, C., & Clements, R. (2023). Building an augmented reality system for consumption and production of hybrid gaming and storytelling. *Interaction Design and Architecture(s) Journal – IxD&A*, 56, 53-68. <http://dx.doi.org/10.55612/s-5002-056-003>
- Ferdig, R.E., Kosko, K.W., & Gandolfi, E. (2023). Exploring the relationships between teacher noticing, ambisonic audio, and variance in focus when viewing 360 video. *Educational Technology Research & Development*, 71, 881–899. <https://doi.org/10.1007/s11423-023-10215-2>
- Gandolfi, E., Ferdig, R.E., Krause, K., Copus, A., Ostrowski-Delahanty, S., Alemagno, S. (2023). Problematic gaming at a crossroad: Exploring the interplay between Internet Gaming Disorder, toxic attitudes, and empathy in digital entertainment. *Games and Culture*. <https://doi.org/10.1177/155541202312119>
- Gandolfi, E., Ferdig, R.E., Krause, K., Soyuturk, I., Morris, G., & Delahanty, S. (2023). An exploration of why gaming communities may make younger and non-normative gamers vulnerable to Internet Gaming Disorder. *New Media & Society*. <https://doi.org/10.1177/14614448231215348>
- Gandolfi, E., Ferdig, R. E., & Soyuturk, I. (2023). Exploring the learning potential of online gaming communities: An application of the Game Communities of Inquiry Scale. *New Media & Society*, 25(6), 1374-1393. <https://doi.org/10.1177/14614448211027171>
- Baumgartner, E., Ferdig, R.E., & Gandolfi, E. (2022). Exploring the impact of extended reality (XR) on spatial reasoning of elementary students. *TechTrends*, 825–836. <https://doi.org/10.1007/s11528-022-00753-6>
- Black, E.W., Ferdig, R.E., Fleetwood, A., & Thompson, L.A. (2022). Hospital homebound students and K-12 online schooling. *PLoS ONE*, 17(3): e0264841. <https://doi.org/10.1371/journal.pone.0264841>
- Ferdig, R.E., Kosko, K.W. & Gandolfi, E. (2022). Using the COVID-19 pandemic to create a vision for XR-based teacher education field experiences. *Journal of Technology and Teacher Education*, 30(2), 239-252. <https://www.learntechlib.org/primary/p/221194/>
- Gandolfi, E., Ferdig, R.E., & Clements, R. (2022). Streaming code across audiences and performers: An analysis of computer science communities of inquiry on Twitch.tv. *British Journal of Educational Technology*, 53(6), 1688-1705. <https://doi.org/10.1111/bjet.13207>
- Gandolfi, E., Ferdig, R.E. & Kosko, K.W. (2022). Preservice teachers' focus in 360 videos: Understanding the role of presence, ambisonic audio, and camera placement. *Journal of Technology and Teacher Education*, 30(3), 321-339. <https://www.learntechlib.org/primary/p/220675/>
- Hodges, C.B., Barbour, M. & Ferdig, R. (2022). A 2025 vision for building access to K-12 online and blended learning in pre-service teacher education. *Journal of*

Technology and Teacher Education, 30(2), 201-216.

<https://www.learntechlib.org/primary/p/221153/>

- Raber, J., Ferdig, R.E., Gandolfi, E., Clements, R. (2022). An analysis of motivation and situational interest in a location-based augmented reality application. *Interaction Design and Architecture(s) Journal – IxD&A*, 52, 198 – 220. <https://doi.org/10.55612/s-5002-052-011>
- Wang, J., Stebbins, A., & Ferdig, R.E. (2022). Examining the effects of students' self-efficacy and prior knowledge on learning and visual behavior in a physics game. *Computers & Education*, 178, 104405. <https://doi.org/10.1016/j.compedu.2021.104405>
- Black, E., Ferdig, R.E., & Thompson, L. A. (2021). K-12 virtual schooling, COVID-19, and student success. *JAMA pediatrics*, 175(2), 119-120. <https://doi.org/10.1001/jamapediatrics.2020.3800>
- Dodson, T.M., & Ferdig, R.E. (2021). Understanding nursing student choice in completion of presimulation activities. *Clinical Simulation in Nursing*, 59, 52-60. <https://doi.org/10.1016/j.ecns.2021.05.007>
- Gandolfi, E., & Ferdig, R. E. (2021). Sharing dark sides on game service platforms: Disruptive behaviors and toxicity in DOTA2 through a platform lens. *Convergence*. <https://doi.org/10.1177/13548565211028809>
- Gandolfi, E., Ferdig, R. E., Carlyn, D., Kratcoski, A., Dunfee, J., Hassler, D., Blank, J., Lenart, C., & Clements, R. (2021). GLARE: An Open Source Augmented Reality Platform for Location-Based Content Delivery. *International Journal of Virtual and Augmented Reality (IJVAR)*, 5(1), 1-19.
- Gandolfi, E., Ferdig, R.E., & Kratcoski, A. (2021). A new educational normal an intersectionality-led exploration of education, learning technologies, and diversity during COVID-19. *Technology in Society*, 66, 101637. <https://doi.org/10.1016/j.techsoc.2021.101637>
- Gandolfi, E., Ferdig, R., & Soyuturk, I. (2021). Exploring the learning potential of online gaming communities: An application of the Game Communities of Inquiry Scale (GCoIS). *New Media and Society*. <https://doi.org/10.1177/14614448211027171>
- Gandolfi, E., Kosko, K.W., & Ferdig, R.E. (2021). Situating presence within extended reality for teacher training: Validation of the eXtended Reality Presence Scale (XRPS) in preservice teacher use of immersive 360 video. *British Journal of Educational Technology*, 52(2), 824-841. <https://doi.org/10.1111/bjet.13058>
- Gandolfi, E., Soyuturk, I., & Ferdig, R.E., (2021). Evaluating U.S. gamers' metacognitions about digital entertainment: Validation of Metacognition about Online Gaming Scale in the U.S. context. *Journal of Affective Disorders*, 295 (2021), 954-959. <https://doi.org/10.1016/j.jad.2021.08.133>
- Kosko, K.W., Ferdig, R.E., & Zolfaghari, M. (2021). Preservice teachers' professional noticing when viewing standard and 360 video. *Journal of Teacher Education*, 72(3), 284-297. <https://doi.org/10.1177/0022487120939544>
- Reed, J.M., & Ferdig, R.E. (2021). Designing escape rooms for stress reduction in nursing students. *Well Played*, 10(1), 186-212.

- Reed, J.M., & Ferdig, R.E. (2021). Gaming and anxiety in the nursing simulation lab: A pilot study of an escape room. *Journal of Professional Nursing*, 37, 298-305.
- Ferdig, R.E., & Kosko, K.W. (2020). Implementing 360 video to increase immersion, perceptual capacity, and teacher noticing. *TechTrends*, 64(6), 849-859. <http://link.springer.com/article/10.1007/s11528-020-00522-3>
- Ferdig, R.E., Kosko, K.W., & Gandolfi, E. (2020). The use of ambisonic audio to improve presence, focus, and noticing while viewing 360 video. *Journal of Virtual Worlds Research*, 13(2-3), 1-14. <https://jvwr.net/wp-content/uploads/2020-Assembled-The-Use-of-Ambisonic-Audio-to-Improve-Presence.pdf>
- Hassler, D., Pytash, K.E., Ferdig, R.E., Mucha, N., & Gandolfi, E. (2020). The use of digital poetry to inform preservice teacher education and in-service teacher professional development during COVID-19. *Journal of Technology and Teacher Education*, 28(2), 403-413. <https://www.learntechlib.org/primary/p/216343/>.
- Reed, J.M., Dodson, T., Ferdig, R.E. (2020). Risks and benefits of high flow nasal cannulas in response to the COVID-19 pandemic. *American Nurse Journal*. <https://www.myamericannurse.com/high-flow-nasal-cannulas-risks-and-benefits-in-response-to-covid-19/>
- Soyuturk, I., Gandolfi, E., Ferdig, R.E. (2020). Development of a game community of inquiry scale (GCoIS). *International Journal of Gaming and Computer-Mediated Simulations*, 12(3), 37-58.
- Woolverton, C. J., Ferdig, R. E., Snyder, A., Reed, J., Dodson, T., & Thomas, S. (2020). Repurposing surgical wrap textiles for use as protective masks during pandemic response. *Applied Biosafety*, Sep 2020, 127-129. <https://journals.sagepub.com/doi/10.1177/1535676020925958>
- Zolfaghari, M., Austin, C.K., Kosko, K.W., & Ferdig, R.E. (2020). Creating asynchronous virtual field experiences with 360 Video. *Journal of Technology and Teacher Education*, 28(2), 315-320. Available online at: <https://www.learntechlib.org/primary/p/216115/>.
- Gandolfi, E., & Ferdig, R.E. (2019). [Beating a fake normality: The phenomenon of e-athletes with special needs on Twitch.tv](#). *Well Played*, 8(3), 63-88.
- Gandolfi, E., & Ferdig, R.E. (2018). Scratching the coding surface: tackling algorithms for inclusion and learning. *International Journal of Information and Learning Technology*, 35(5), 368-378.
- Ferdig, R.E., Pytash, K.E., Kosko, K.W., Memis, R., Ryan, K. & Dunlosky, J. (2017). The impact of eWriters on literacy motivation, self-efficacy, and the real-virtual-relationships between parents and teachers. *Journal of Interactive Learning Research*, 28(4), 341-357.
- Fernandez, H., Ferdig, R. E., Thompson, L. A., Schottke, K., & Black, E. W. (2016). [Students with special health care needs in K-12 virtual schools](#). *Educational Technology & Society*, 19(1), 67-75.
- Kosko, K.W. & Ferdig, R.E. (2016). Effects of a tablet-based mathematics application for pre-school children. *Journal of Computers in Mathematics and Science Teaching*, 35(1), 59-77.

- Pytash, K.E., Annetta, L., & Ferdig, R.E. (2016). The use of apps to integrate writing into science education. *Science Scope*, 39(8), 21-26.
- Pytash, K.E. & Ferdig, R.E. (2016). Understanding technology-based young adult literature. *The ALAN Review*, 43(3), 49-60.
- Pytash, K.E., Hicks, T., & Ferdig, R.E. (2016). Connecting and collaborating within and beyond a Massive Open Online Course. *Journal of Adolescent and Adult Literacy*, 60(2), 195–205.
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Presentations

- 2026
 - Ferdig, R.E. (February, 2026). *AI in education*. Presentation at the Pathways Educational Conference, Cuyahoga Falls, OH.
 - Taylor, T., Ferdig, R.E., Gandolfi, E., Allen, R., Bindis, M., Collier, H. (February, 2026). *Expanding Ohio's K-12 computer science pipeline: The Teach CS grant initiative*. Invited panel at the Ohio Educational Technology Conference (OETC), Columbus, OH.
- 2025
 - Bloebaum, C., Ferdig, R.E., Reed, J., Tomaswick, L. (October, 2025). *Artificial intelligence in higher education*. Invited presentation at the MAC Academic Leadership Development Program. Kent, OH.
 - Pellegrino, J., Ferdig, R.E., & Nelson, K. (September, 2025). *Unleashing innovation: AI adventure in Community Risk Reduction*. Invited presentation at the North Eastern Ohio Fire Prevention Association / Northeast Ohio Safety Educators Network Fall Conference. Newark, OH.
 - Kosko, K. W., Zolfaghari, M., Shihab, R., Aguilera, A., Gandolfi, E., & Ferdig, R. E. (March, 2025). *Developing measures of self-efficacy for teaching mathematics and concrete-to-abstract pedagogy*. Research report presented at the 52nd annual meeting of the Research Council on Mathematics Learning, College Station, TX.
- 2024
 - Ahadian, P. Kosko, K., Feng, Y., Ferdig, R., & Guan Q. (March, 2024). *FractionNet: AI-Driven insights in transforming handwritten fraction detection for teacher education*. Presented at the Society for Information Technology and Teacher Education international conference. Las Vegas, NV.
 - Gandolfi, E., Ferdig, R. E., Kosko, K. W., & Clements, R. (March, 2024). *Does digital immersion matter? An analysis of the role of 360 videos within digital experiences for teacher training*. Research report presented at the Society for Information Technology and Teacher Education 2024 conference. Las Vegas, NE.
- 2023
 - Ferdig, R.E., Ghani, R., Hartshorne, R., & Reed, J. (November, 2023). *The research impact and potential of artificial intelligence*. Invited panel

presentation at the CCIE Virtual Research Circle: University of Central Florida.

- Kosko, K.W., & Ferdig, R.E. (July, 2023). Relationships between prospective teachers' heart rate variation and noticing of children's mathematics. Paper presented at the 46rd annual meeting of the International Group for the Psychology of Mathematics Education. Haifa, Israel.
- Gandolfi, E., Austin, C. K., Zolfaghari, M., Kosko, K. W., & Ferdig, R. E. (April, 2023).
Being present in eXtended Reality: Analyzing how Pre-Service Teachers' presence changes in immersive learning environments. Research Report presented at the 2023 American Education Research Association conference. Chicago, IL.
- Ferdig, R.E., Gandolfi, E., & Oh, O. (March, 2023). *Preservice teachers' responses to AI-generated images in relation to fears and goals of future teaching*. Brief paper presentation at the Society for Information Technology and Teacher Education International Conference: New Orleans, LA.
- Ferdig, R.E. & Gandolfi, E. (March, 2023). *Using Fitbits and heart rate variance (HRVa) to understand preservice teacher experiences in extended reality*. Brief paper presentation at the Society for Information Technology and Teacher Education International Conference: New Orleans, LA.
- Gandolfi, E., Ferdig, R.E., & Hetman, J. (March, 2023). *How augmented reality production can support educators' attitudes toward technology and their learning environment*. Brief paper presentation at the Society for Information Technology and Teacher Education International Conference: New Orleans, LA.
- Hartshorne, R. & Ferdig, R.E. (March, 2023). *How & why to be a good reviewer*. Invited presentation at the Society for Information Technology and Teacher Education International Conference: New Orleans, LA.
- Hartshorne, R. & Ferdig, R.E. (March, 2023). *So you want to publish in an AACE journal (or somewhere else): A Q & A session*. Invited presentation at the Society for Information Technology and Teacher Education International Conference: New Orleans, LA.
- Mills, M., Ferdig, R.E., & Gandolfi, E. (March, 2023). *The utility of asynchronous low-fidelity simulation for student self-efficacy and anxiety: A preliminary analysis*. Brief asynchronous paper presentation at the Society for Information Technology and Teacher Education International Conference: New Orleans, LA.

- 2022

- Hodges, C.B., Barbour, M.K., & Ferdig, R.E. (October, 2022). *Preparing K-12 teachers for the reality of an increased need for online and blended learning*. Paper presentation at SITE Interactive [Online Conference].
- Ferdig, R.E. (September, 2022). *Pedagogical practices for teaching and learning in multiple formats*. Invited keynote presentation at the 6th International Conference on Education Innovation, Surabaya, Indonesia.

- Ferdig, R.E. (August, 2022). *Teaching and learning online: Pedagogy, pandemic reseach, and innovative technologies*. Presentation to faculty at SIT Teacher Training Program [online]. Shenyang Institute of Technology, China.
 - Wang, J., Stebbins, A.L., & Ferdig, R.E. (April, 2022). *Influences of self-efficacy and prior knowledge on visual behavior and learning in a physics game*. Paper presented at the American Educational Research Association (AERA) 2022 Conference. San Diego, CA.
- 2021
 - Ferdig, R.E., Ling, E., Harper, A., Esposito, L. (May, 2021). *T3: The Creative Edge*. GAR Foundation webinar.
 - Ferdig, R.E., Kosko, K., Gandolfi, E., & Kemper, R. (June, 2021). *“Being There” with socially enabled Virtual and Augmented Reality*. VRARA Columbus.
 - Ferdig, R.E., Ling, E., Harper, A., Esposito, L. (May, 2021). *T3: Pedagogy of Care*. GAR Foundation webinar.
 - Kosko, K. W., Ferdig, R. E., & Gandolfi, E. (October, 2021). *Noticing mathematics from multiple perspectives*. Poster presented at the 43rd annual meeting of the North American Chapter for the Psychology of Mathematics Education. Philadelphia, PA.
 - Ferdig, R.E., Ling, E., Harper, A., Esposito, L. (January, 2020). *T3: Survive to Thrive*. GAR Foundation webinar.
- 2020
 - Ferdig, R.E., Gandolfi, E., Clements, R., Lenart, C., Kratcoski, A., Lu, C.C. (2020, November). Social engagements in layers of history: An XR experience of the May 4th shootings. Panel presentation at the 5th annual Frameless XR Symposium. Rochester Institute of Technology.
 - Ferdig, R.E. (2020, October). What Teacher Educators Should Have Learned from 2020. Invited Keynote at SITE Interactive 2020.
 - Ferdig, R.E. (2020, September). NTLS editors panel- Rapid Publishing. Panel host for National Technology Leadership Summit. NTLS.
 - Ferdig, R.E. (2020, August). Equity, remote instruction, and the future of education. Invited panelist for ESRI Education Summit.
 - Ferdig, R.E. (2020, August). Preparing for an Uncertain Fall: Five Remote Learning Tips for School Leaders. Invited webinar for EDVIEW360: Voyager Sopris Learning.
 - Ferdig, R.E. (2020, July). Online and Blended Learning: Case studies and lessons learned from COVID-19 emergency instruction. Invited presentation at Connect: Equity and Access in Education (Learning A-Z).
 - Ferdig, R.E. (2020, June). The big tech equity challenges schools are up against. Can they fix them? Guest panelist for the Education Week Online Summit.
 - Ferdig, R.E. (2020, May). NSF grant writing workshop. Invited panelist for Kent State University Webinar.

- Ferdig, R.E. (2020, May). Understanding the impact of coronavirus on K-12 education. Invited panelist for EdSurge Online Webinar.
 - Ferdig, R.E., Gandolfi, E. & Kosko, K.W. (2020, April). Preservice Teacher Noticing and Perceptual Capacity with 360 Video and VR Headsets. Brief paper presented at the Society for Information Technology and Teacher Education International Conference. Online.
 - Gandolfi, E., Ferdig, R. & Kosko, K. (2020, April). The Extended Reality Presence Scale. Brief paper presented at Society for Information Technology and Teacher Education International Conference. Online.
 - Ferdig, R.E., & Kratcoski, A. (2020, March). Social engagement in layers of history: Using AR to explore May 4, 1970. Invited presentation at the Board of Trustees Meeting. Kent State University: Kent, OH.
 - Ferdig, R.E. (2020, February). Effective educational technologies. Invited keynote panel presentation at Education Elevated (E2). Kent State University: Kent, OH.
- 2019
 - Baumgartner, E., Gandolfi, E., & Ferdig, R. (2019, November.) Collaborative Gaming as an Agent of Motivation to Increase Retention in Online Learning. Paper presented at the 2019 eLearn World Conference on E-Learning, New Orleans, LA.
 - Kosko, K. W., Ferdig, R. E., & Zolfaghari, M. (2019, November). Preservice teachers' noticing in the context of 360 video. Brief report presented at the 41st annual meeting of the North American Chapter for the Psychology of Mathematics Education, St. Louis, MO.
- 2018
 - Ferdig, R.E. (2018, September). NTLS editors panel- Conceptual drift. Invited panelist at the National Technology Leadership Summit. NTLS: Washington, D.C.
- 2017
 - Ferdig, R.E. & Kratcoski, A. (2017, October). Technology and the classroom. Invited discussants at the Annual Educator Conference. GAR Foundation: Akron, OH.
 - Pytash, K.E. & Ferdig, R.E. (2017, October). Creating Connections: Digital Tools, Writing, and Relationships. Invited presentation at the 2017 4T Virtual Conference on Digital Writing. <http://www.4tdwvirtualcon.com>
 - Ferdig, R.E. (2017, September). NTLS editors panel. Invited panelist at the National Technology Leadership Summit. NTLS: Washington, D.C.
 - Ferdig, R.E., Lorch, P.D., Pytash, K.P, Mulvey, B., Kosko, K., Lu, C.C. (2017, May). The use of mobile applications for informal science learning in parks. Video presentation for the 2017 NSF Stem For All Video Showcase; available online at: <http://stemforall2017.videohall.com/presentations/964>
 - Geschke, J.M., Lorch, P.D., Pytash, K.E., & Ferdig, R.E. (2017, May). NE Ohio ParkApps: Development of a mobile app as a method of encouraging

informal science learning. Paper presentation at the Citizen Science Association Conference; Twin Cities, MN.

- Ferdig, R.E. (March, 2017). Recommendations and Support for Publishing in the Journal of Technology and Teacher Education (JTATE). Panel presentation at the Society for Information Technology and Teacher Education International Conference; Austin, TX.
- Kennedy, K., Archambault, L., Ferdig, R.E...(March, 2017). SITE Joint SIG Symposia: A Collaboration Between the K-12 Online Learning SIG and Distance Learning SIG: How Higher Education and K-12 Online Learning Research Can Impact Each Other. Facilitator for symposium presentation at the Society for Information Technology and Teacher Education International Conference; Austin, TX.
- Willis, D., Albion, P., Bell, L., Bull, G., Crawford, D.A., Ferdig, R.E., Liu, L., Thompson, A., Kennedy, K., & Archambault, L. (March, 2017). Meet the editors: Journal editors in our field. Invited panel presentation at the Society for Information Technology and Teacher Education International Conference; Austin, TX.
- 2016
 - Ferdig, R.E. (April, 2016). Explorations within Cognition, Technology, & Learning. Keynote presentation at the 2016 EHHS Gallery of Research (Kent State University), Kent, OH.
 - Ferdig, R.E. (March, 2016). Publishing in the Journal of Technology and Teacher Education (JTATE): A 2015 Review with Recommendations for Researchers and Authors, Savannah, GA.
 - Ferdig, R.E. (March, 2016). The Use of Mobile Applications for Informal Science Learning in Parks. NSF AISL PI Meeting 2016, Washington, D.C.
- 2015
 - Pytash, K.E., Ferdig, R.E., and Rasinski, T. (October, 2015). Digital Tools for Writing Instruction. Webcast for Student Success Week 2015 | Exploring the Intersection of Writing with Technology (online).
 - Ferdig, R.E., Albion P., Johnson-Leslie, N., Kayler, M. & Willis, J. (March, 2015). Publishing in the Journal of Technology and Teacher Education (JTATE). Panel presentation at the Society for Information Technology and Teacher Education Conference International Conference, Las Vegas, NV.
 - Ferdig, R.E. & Kennedy, K. (March, 2015). Explorations and evolution within the Handbook of Research on K-12 Online and Blended Learning. Panel presentation at the Society for Information Technology and Teacher Education Conference International Conference, Las Vegas, NV.
 - Willis, D., Albion, P., Bell, L., Bull, G., Crawford, D.A., Ferdig, R.E., Liu, L., Thompson, A., Kennedy, K., & Archambault, L. (March, 2015). Meet the editors: Journal editors in our field. Invited panel presentation at the Society for Information Technology and Teacher Education Conference International Conference, Las Vegas, NV.
- 2014

- Albion, P., Ferdig, R.E., Johnson-Leslie, N., Kayler, M. & Willis, J. (March, 2014). Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, Jacksonville, FL.
- Ferdig, R.E. & Pytash, K. (March, 2014). Massive Open Online Courses in Teacher Education and Professional Development. Roundtable presented at the Society for Information Technology and Teacher Education Conference International Conference, Jacksonville, FL.
- Pytash, K. & Ferdig, R.E. (March, 2014). Implementing Digital Badges in a Teacher Education Program. Paper presented at the Society for Information Technology and Teacher Education Conference International Conference, Jacksonville, FL.
- Pytash, K. & Ferdig, R. (March, 2014). Preservice teachers' perceptions of technology during a Massive Open Online Course. Paper presented at the Society for Information Technology and Teacher Education Conference International Conference, Jacksonville, FL.
- 2013
 - Ferdig, R.E. (October, 2013). Understanding MOOCs and their Potential in K-12 Online and Blended Instruction. Invited webinar. iNACOL SouthEastern Committee.
 - Devane, B.M., Johnson, M.C., Buhler, A., Leonard, M., & Ferdig, R.E. (June, 2013). Frames at play: Situated engagement with research ethics games. Paper presented at the Games, Learning & Society 9.0. Madison, WI.
 - Devane, B.M., Johnson, M.C., Leonard, M., & Ferdig, R.E. (April, 2013). Frames at play: Situated engagement with research ethics games. Paper presented at the American Educational Research Association (AERA) 2013 Conference. San Francisco, CA.
 - Albion, P., Ferdig, R., Maddux, C., Johnson-Leslie, N., Kayler, M. & Willis, J. (March, 2013). Transitions to Academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, Austin, TX.
- 2012
 - DeVane, B. M., Johnson, M., Leonard, M. F., & A.Buhler (June 2012). Designed Controversies: Creating teachable moments about research ethics through games. Paper presented at Games+Learning+Society 8.0, Madison, WI.
 - Fang, Z., Ferdig, R.E., Trutschel, B. (March, 2012). Evaluating middle school students' reading responses from a functional linguistics perspective. Paper presentation at the 2012 American Association for Applied Linguistics annual conference. Boston, MA.
 - Ferdig, R.E. (March, 2012). Educators as the critical link in K-12 online and blended instruction. Invited presentation at the WVIZ/PBS Ideastream Advisory Council Meeting. Cleveland, OH.

- Sprague, D., Albion, P., Ferdig, R., Maddux, C. & Katradis, M. (March, 2012). Transitions to Academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, Austin, TX.
- Ferdig, R.E. (February, 2012). Understanding research on K-12 online and blended learning. Invited Presentation at the Ideastream SMART Consortium.
- Ferdig, R.E., Cavanaugh, C., & Freidhoff, J. (January, 2012). K-12 online and blended learning: Stories of exemplary practice. Paper presentation at the 2012 Florida Educational Technology Conference (FETC). Orlando, FL.
- 2011
 - Ferdig, R.E. (December, 2011). Asking the right questions about the past, present, and future of K-12 online and blended learning. Invited presentation to the Ohio Digital Learning Task Force. Cleveland, OH.
 - Ropp, M.M, Ferdig, R.E., Mellott, J., & Schottke, K. (November, 2011). Mission possible: Exploring the impact of Regional Data Initiatives (RDI) implementation in Michigan. Report presented at the MDE and MAISA Regional Data Initiatives Research Symposium. Lansing, MI.
 - Ferdig, R.E. (April, 2011). Exploring the role of K-12 online learning to support student retention and dropout recovery. Invited paper presentation at the American Educational Research Association (AERA) 2011 Conference. New Orleans, LA.
 - Ferdig, R.E. (April, 2011). K-12 online learning. Discussant for the *SIG-Technology as an Agent of Change in Teaching and Learning* invited session at the American Educational Research Association (AERA) 2011 Conference. New Orleans, LA.
 - Sprague, D., Albion, P., Ferdig, R., Maddux, C. & Leins, J. (March, 2011). Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, Nashville, TN.
- 2010
 - Ferdig, R.E. (October, 2010). Building a Successful District E-Learning Programs. Invited Panelist at the Education Week Leadership Forum: Boston, MA.
 - Ferdig, R.E. (August, 2010). Continuous quality improvement through professional development for online K-12 instructors. Keynote presentation at Michigan Virtual University's fifth annual "Collaboration of the Minds conference. East Lansing, MI.
 - Ferdig, R.E., Srinivasan, V., & Guynup, S. (June, 2010). Meet the IJGCMS editors: Academic publishing on games. Fireside chat presented at Games, Learning & Society 6.0. Madison, WI.
 - DiPietro, J.C., Ferdig, R.E., Cao, L., Blackwelder, E., Halan, S., Lok, B. (May, 2010). Mixed-reality simulations for education: Teaching and learning

through virtual character interactions. Poster presented at the American Educational Research Association (AERA) 2010 Conference. Denver, CO.

- Ferdig, R.E. (May, 2010). IJGCMS Meet the Editor. Roundtable presented at ARVEL Workshop at the American Educational Research Association (AERA) 2010 Conference. Denver, CO.
- Sprague, D., Albion, P., Ferdig, R.E., Maddux, C. & Bohnstedt, K. (March, 2010). Transitions to academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, San Diego, CA.
- 2009
 - Hopper, J.E., Lapish, D., DeGrow, D., & Ferdig, R.E. (December, 2009). Attacking the dropout challenge: An innovative online approach in St. Clair County. Session presentation at Connecting With Youth in a Media-Rich World: 6th annual MVU Online Learning Symposium, East Lansing, MI.
 - Elder, J.H., Donaldson, S., Kairalla, J., Valcante, G., & Ferdig, R.E. (November, 2009). Training fathers of children with autism. Poster presented at the American Academy of Nursing 36th Annual Meeting and Conference, Atlanta, GA.
 - Donaldson, S., Elder, J.H, Kairalla, J., Bendixen, R., Valcante, G., Ferdig, R.E., Self, E.H., Mutch, P.J., Murphy, T.K., Walker, J., Palau, C., Serrano, M., Galante, T. (May, 2009). Differences in Perceptions of Mothers and Fathers of Children with Autism in Regards to Stress, Family Cohesion and Adaptability. Poster presented at the 8th Annual International Meeting for Autism Research, Chicago, IL.
 - Elder, J.H, Donaldson, S., Kairalla, J., Bendixen, R., Valcante, G., Ferdig, R.E., Self, E.H., Mutch, P.J., Murphy, T.K., Walker, J., Palau, C., Serrano, M., Galante, T. (May, 2009). A Comparison of Mother-Child and Father-Child Interactions during in-Home Play Sessions for Children with Autism. Poster presented at the 8th Annual International Meeting for Autism Research, Chicago, IL.
 - Cavanaugh, C., Dawson, K., & Ferdig, R. (March, 2009). Design and implementation of an online Ed.D. program in educational technology. Paper presented at the Society for Information Technology and Teacher Education International Conference 2009, Charleston, South Carolina.
 - Ferdig, R.E. (March, 2009). Chair of the Virtual School Retention Seminar national conference, Orlando, FL.
 - Sprague, D., Albion, P., Ferdig, R.E., Maddux, C. & Johnson, C. (March, 2009). Transitions to academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, Charleston, South Carolina.
- 2008

- Ferdig, R.E. (December, 2008). Challenges, implications, and next steps. Panel presented at the Michigan Virtual School Symposium, East Lansing, Michigan.
- Ferdig, R.E. & Black, E.W. (December, 2008). Surprises in online learning: What the data show. Paper presented at the Michigan Virtual School Symposium, East Lansing, Michigan.
- Dawson, K., Cavanaugh, C. & Ferdig, R.E. (2008, November). Design of an online education doctoral program in educational technology. Paper presented at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.
- Cavanaugh, C. & Ferdig, R.E. (Chairs). (2008, October). Lessons from state virtual school leaders. Panel presented at the Virtual School Symposium, Glendale, AZ.
- Mulkey, K., Polling, N., Ferdig, R.E., & Black, E.W. (October, 2008). Improving virtual schools: A collaborative research partnership. Symposium presented at the 2008 Virtual School Symposium. Phoenix, AZ.
- Black, E.W., Thompson, L.A., Dawson, K., Ferdig, R.E., & Paradise Black, N.M. (May, 2008). The intersection of online social networking with medical professionalism. Paper presented at the 2008 Pediatric Academic Societies & Asian Society for Pediatric Research Joint Meeting. Honolulu, HI.
- Elder, J.H, Donaldson, S., Valcante, G., Bendixen, R., Ferdig, R.E. (May, 2008). In Home Training for Fathers of Children with Autism: A Summary of Year 3 Findings. Poster presented at the 7th Annual International Meeting for Autism Research, London, England.
- Black, E.W., Paradise Black, N.M., Thompson, L., Ferdig, R.E., Dawson, K., Boyer, J. & Coutts, J. (April, 2008). Use of online social networking tools in medical education: Implications for teaching professionalism. Paper presented at the American Educational Research Association (AERA) 2008 Conference. New York, NY.
- Ferdig, R.E. (March, 2008). Presenter in N.Davis (Chair), Virtual schooling and K-12 online learning goes into preservice teacher education, part 1. Symposium presented at the Society for Information Technology and Teacher Education Conference International Conference, Las Vegas, NV.
- Ferdig, R.E. (March, 2008). Presenter in N.Davis (Chair), Virtual schooling and K-12 online learning goes into preservice teacher education, part 2. Symposium presented at Society for Information Technology and Teacher Education Conference International Conference, Las Vegas, NV.
- Sprague, D., Albion, P., Ferdig, R.E., Maddux, C. (March, 2008). Transitions to academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel at the Society for Information Technology and Teacher Education Conference International Conference, Las Vegas, NV.
- Ferdig, R.E. (February, 2008). Exploring the role of electronic gaming in education. Paper presented at the Michigan Virtual School Symposium, Ypsilanti, Michigan.

- Boyer, J., Ferdig, R.E., & DiPietro, M. (January, 2008). Why game development matters. Paper presented at the 2008 Florida Educational Technology Conference, Orlando, FL.
- DiPietro, M., Ferdig, R.E., & Boyer, J. (January, 2008). Using educational games to develop student content knowledge. Paper presented at the 2008 Florida Educational Technology Conference, Orlando, FL.
- Ferdig, R.E., Boyer, J., & DiPietro, M. (January, 2008). Videogame play and videogame making for teaching & learning. Workshop presented at the 2008 Florida Educational Technology Conference, Orlando, FL.
- 2007
 - Black, E., DiPietro, M. & Ferdig, R.E. (November, 2007). Paper presented in S. Lowe (Chair), Recent research on online teaching and learning: Implications for Practice. Symposium presented at the 2007 Virtual School Symposium, Louisville, KY.
 - DiPietro, M. & Ferdig, R.E. (November, 2007). Paper presented in C. Cavanaugh and R. Blomeyer (Chairs), Works works in K-12 online content area teaching. Symposium presented at the 2007 Virtual School Symposium, Louisville, KY.
 - Ferdig, R.E., DiPietro, M., Black, E. & Boyer, J. (November, 2007). Instructional perspectives of best practices: Successful strategies in virtual school courses. Paper presented at the 2007 Virtual School Symposium, Louisville, KY.
 - Ferdig, R.E., Mulkey, K., DiPietro, M., Black, E. & Boyer, J. (November, 2007). Improving virtual schools: A collaborative research partnership. Paper presented at the 2007 Virtual School Symposium, Louisville, KY.
 - Elder, J.H, Donaldson, S., Valcante, G., Seung, HK, Ferdig, R.E., Mutch, P.J., Murphy, T., Bullard, M., Hilliard, E., & Walker, J. (May, 2007). Novel approaches and technology in training for fathers of children with autism. Poster presented at the 6th Annual International Meeting for Autism Research, Seattle, Washington.
 - Ferdig, R.E. & DiPietro, M. (April, 2007). Research on education in collaborative virtual schools. Paper presented in T.A. Clark (Chair), Online teaching and learning: Findings from applied educational research. Symposium presented at the American Educational Research Association (AERA) Annual Meeting, Chicago, IL.
 - Elder, J.H, Donaldson, S., Seung, HK, Valcante, G., Mutch, P.J., Ferdig, R.E. (March/April, 2007). In-home training for fathers of children with autism: A 4-year continuation. Poster presented at the Society for Research in Child Development Annual Conference, Boston, MA.
 - Coutts, J., Dawson, K., Boyer, J., & Ferdig, R.E. (March, 2007). Will you be my friend? Prospective teachers' use of Facebook and implications for teacher education. Brief paper presented at the Society for Information Technology and Teacher Education Conference International Conference, San Antonio, TX.

- Davis, N., Roblyer, M.D., Ferdig, R.E., Schoeny, Z., Ellis, R., Demirasian, Y., & Compton, L. (March, 2007). Creating real tools & curriculum to prepare virtual teachers. Panel presented at the Society for Information Technology and Teacher Education Conference International Conference, San Antonio, TX.
- Sprague, D., Albion, P, Ferdig, R.E., Maddux, C., Pixley, C. (March, 2007). Participant in Transitions to academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Invited panel presented at the Society for Information Technology and Teacher Education Conference International Conference, San Antonio, TX.
- 2006
 - Ferdig, R.E. (November, 2006). Facilitator in R. Blomeyer & M.D. Roblyer (Chair), Research on virtual schools: What we know now and what we need to know going forward. Symposium presented at the 2006 Virtual School Symposium, Plano, TX.
 - Ferdig, R.E., Beck, D., & Coutts, J. (November, 2006). Challenges and benefits of moving large-scale classes online. Paper presentation at the 2006 Faculty Technology Showcase, Gainesville, FL.
 - Ferdig, R.E., DiPietro, M., Black, E. & Mulkey, K. (November, 2006). A Collaborative partnership aimed at improving virtual schooling. Symposium presented at the 2006 Virtual School Symposium, Plano, TX.
 - Ferdig, R.E. (November, 2006). Paper presented in C. Cavanaugh and R. Blomeyer (Chairs), Works works in K-12 Online Learning. Symposium presented at the 2006 Virtual School Symposium, Plano, TX.
 - Elder, J.H, Valcante, G., Seung, HK, Ferdig, R.E., Donaldson, S., Bullard, M., Mutch, P.J., Murphy, T. (June, 2006). In-home training for fathers of children with autism: A 4-year continuation. Poster presented at the 5h Annual International Meeting for Autism Research, Montreal, Canada.
 - Ferdig, R.E. (April, 2006). Teacher Education Goes Into Virtual Schooling: The University of Florida Collaboration. Panelist in A. Thompson & D. Niederhauser (Chair), Preparing Teachers for the Distance Learning Classroom: Evaluation of the Teacher Training Goes into Virtual Schooling (TEGIVS) Project. Symposium presented at the American Educational Research Association (AERA) Annual Meeting, San Francisco, CA.
 - Black, E., Dawson, K., Ferdig, R.E. (March, 2006). Predicting the success and failure of online education students. Paper presentation at the Society for Information Technology and Teacher Education Conference International Conference, Orlando, FL.
 - Black, E., Dawson, K., Ferdig, R.E. (March, 2006). Technology outcomes in post-secondary online education classrooms. Paper presentation at the Society for Information Technology and Teacher Education International Conference, Orlando, FL.
 - Ferdig, R.E. & Dawson, K. (March, 2006). A meta-analysis of JTATE publications (2000-2005): Where have we been and where are we going?

Paper presentation at the Society for Information Technology and Teacher Education Conference International Conference, Orlando, FL.

- Sprague, D., Albion, P., Ferdig, R.E., & Maddux, C. (March, 2006). Transitions to academia: Publishing in the Journal of Technology and Teacher Education (JTATE). Panel presentation at the Society for Information Technology and Teacher Education International Conference, Orlando, FL.
- 2005
 - Ferdig, R.E. (November, 2005). Technology and polymodal learning environments. Invited presentation at the UF College of Education Grand Guard Lecture Series, Gainesville, Florida.
 - Ferdig, R.E., Papanastasiou, E., Radtke, C., Steiner, S., & DiPietro, M. (October, 2005). Research findings from a project in collaborative virtual high schools. Invited panelist in R. Smith, R. Watson, and R. Blomeyer (Chair), Research in K12 Online Learning: Eight Case Studies. Panel presentation at the 2005 Virtual School Symposium, Denver, CO.
 - Radtke, C., Steiner, S., Ferdig, R.E., Papanastasiou, E., & DiPietro, M. (August, 2005). Teaching and learning in collaborative virtual high schools. 22nd annual conference on Distance Teaching and Learning. Madison, WI.
 - Ferdig, R.E., Brown, A., Schoeny, Z., Dana, T., Sorensen, E., Smith-Jorgensen, J., & Davis, N. (July, 2005). International leadership in educational technology. Invited panel presentation at “el V Congreso Multimedia Educativo.” Barcelona, Spain.
 - Davis, N.E., Ferdig, R.E., Compton, L., Ortiz-Rodriguez, M., Hewitt, J., & DiPietro, M. (June, 2005). Doctoral study and intercultural education. Invited keynote presentation at the University of London Institute of Education’s Doctoral Conference. London, England.
 - Ferdig, R.E. (March, 2005). Pedagogy, technology, and a deeper psychology of advanced technologies. Invited presentation at the Advances in Learning Technologies ODU-NASA Training Workshop. Hampton, VA.
 - Ferdig, R.E. (February, 2005). Technology and magic: Intercultural education in polymodal learning environments. Invited presentation at the UF College of Education Alumni Lunch and Lecture Series, Gainesville, Florida.
- 2004
 - Ferdig, R.E. (December, 2004). Panelist in M. McKenna (Chair), The Potential of Technology in Principal Dimensions of Literacy Instruction. Double symposium presentation at the National Reading Conference, San Antonio, TX.
 - Trammell, K.D. & Ferdig, R.E. (September, 2004). Blogging from the pedagogical perspective. Paper presented at the Association of Internet Researchers annual conference, Sussex, England.
 - Ferdig, R.E. & Oliverio, J. (June, 2004). The pedagogy and psychology of online learning: Exploring the tools behind modularized online education. Invited address at the Partnership For Global Learning’s (PGL) Workshop On E-learning Objects and Systems, Orlando, FL.

- Kretchmer, S.B. & Ferdig, R.E. (April, 2004). Information access and information literacy : Strategies for organizing E-learning systems. Invited address at the First International Congress on E-Learning and Social Inclusion, Barcelona, Spain.
- Ferdig, R.E. & Topper, A. (February, 2004). The role of interaction and discourse in distance education: the STTAR model of teaching and learning online. Poster presented at the Society for Information Technology and Teacher Education International Conference, 2004, Atlanta, GA.
- Hartshorne, R. & Ferdig, R.E. (February, 2004). Hypermedia applications in teaching and learning environments: Exploring the role of databases as intermediaries. Paper presented at the Society for Information Technology and Teacher Education International Conference, 2004, Atlanta, GA.
- 2003
 - Ferdig, R.E. (November, 2003). Research in educational technology. Invited panelist in S. Kretchmer (Chair), Reaching Out/Reaching In to Explore the Interdisciplinary Vistas of Information and Communication Technology (ICT) Research, Policy, and Practice—Session I. Panel presentation at the Annual Meeting of the National Communication Association, Miami, FL.
 - Ferdig, R.E. (November, 2003). Research, policy, and practice in educational technology. Invited panelist in S. Kretchmer (Chair), Reaching Out/Reaching In to Explore the Interdisciplinary Vistas of Information and Communication Technology (ICT) Research, Policy, and Practice—Session II. Panel presentation at the Annual Meeting of the National Communication Association, Miami, FL.
 - Ferdig, R.E. (October, 2003). First year on the job: Transitioning from graduate student to faculty. Invited panel discussion at the Career Resource Center's Discussion Series for Graduate Students; University of Florida.
 - Davis, N., Brown, A., & Ferdig, R.E. (July, 2003). Leadership in eLearning for teacher education: Promoting knowledge sharing and professional development across the Atlantic. Paper presented at eTRAIN2003: E-Training Practices for Professional Organisations, Pori, Finland.
 - Fields, C.A. & Ferdig, R.E. (July, 2003). Communication in the age of technology. Invited workshop presented at the 2003 Florida 4-H Congress, Gainesville, Florida.
 - Ferdig, R.E. (June, 2003). Information technology for Master Gardeners. Invited paper presented at the Florida State Horticultural Society 2003 Meeting, Orlando, FL.
 - Ferdig, R.E. (May, 2003). Towards implementing technologies in higher education: Understanding the components of good innovations. International invited paper presented at the International Conference on Innovations in Higher Education, Kiev, Ukraine.
 - Ferdig, R.E., Eley, E.K., Ceballos, E., & Wood, A. (April, 2003). Teaching and learning with technology: An analysis of best practice in Florida schools.

Paper presented at the American Educational Research Association (AERA) Annual Meeting, Chicago, IL.

- Ferdig, R.E., Mishra, P., & Schmoyer, M. (April, 2003). Telling stories with technology: Theories of narrative in commercial storytelling software. Paper presented at the American Educational Research Association (AERA) Annual Meeting, Chicago, IL.
- Ferdig, R.E., Roehler, L.R., & Handley, J. (April, 2003). Student engagement in electronic discussions: Examining the psychological relationships, roles, and scaffolding in online discourse. In C. Bonk (Chair), *Researching Computer-Mediated Discussions to Improve Teaching and Learning in E-Space: An Interactive Symposium*. Symposium presented at the American Educational Research Association (AERA) Annual Meeting, Chicago, IL.
- Ferdig, R.E. (March, 2003). Technology and teacher education through narrative: Storytelling and the importance of teleographies. Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Albuquerque, New Mexico.
- Haltiwanger, G. & Ferdig, R.E. (March, 2003). Cohorts, e-learning, and technology integration: Technology diffusion in three pre-service literacy classrooms. Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Albuquerque, New Mexico.
- Papanastasiou, E. C. & Ferdig, R. E. (January, 2003). Computer use and mathematical literacy: An analysis of existing and potential relationships. Paper presented at the Third Mediterranean conference on mathematics education, Athens, Greece, January 3-5, 2003.
- 2002
 - Ferdig, R.E., Love, J., Boling, E., & Fang, Z. (December, 2002). Technology and pre-service literacy methodology courses: Understanding the role of the teacher as implementer. In D. Mike (Chair), *Exploring the Use of Video and Web-Based Tools in Literacy Pre-Service Instruction: The Design, Implementation, and Evaluation of Two Federally Funded Literacy Projects*. Symposium conducted at the National Reading Conference, Miami, FL.
 - Yadav, A., Knezek, S., & Ferdig, R.E. (December, 2002). Overview of the Reading Classroom Explorer project: Video-based cases of exemplary literacy instruction. In D. Mike (Chair), *Exploring the Use of Video and Web-Based Tools in Literacy Pre-Service Instruction: The Design, Implementation, and Evaluation of Two Federally Funded Literacy Projects*. Symposium conducted at the National Reading Conference, Miami, FL.
 - Ferdig, R.E. (April, 2002). Developing the teacher-scholar model: Teaching to tenure. Invited presentation at Teach-in 2002, University of Florida, Gainesville, FL.
 - Oliver, S., Pearson, P.D., Suh, Y., Park, H., Ferdig, R.E., & Yadav, A. (2002, April). Examining the Development of Teacher Knowledge in a Hypermedia Learning Environment. In S. Oliver (Chair), *Assessing the Impact of the*

Reading Classroom Explorer (RCE) on Literacy Learning. Symposium conducted at the American Educational Research Association (AERA) Annual Meeting, New Orleans, LA.

- Zhao, Y., Tan, S., Ongaga, K. & Ferdig, R.E. (2002, April). Submitting and reviewing proposals to AERA electronically. Mini-courses held at the American Educational Research Association (AERA) Annual Meeting, New Orleans, LA.
- Ali, N. & Ferdig, R.E. (2002, March). Why not Virtual Reality?: The Barriers of Using Virtual Reality in Education. Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Ali, N., Ferdig, R.E., & Ring, G. (2002, March). Virtual reality in education: Exploring QTVR as a tool for teaching and learning. Interactive session presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Brown A., Davis N.E., Bull G., Shoeny Z., Dawson K., Ferdig, R.E., Sorensen E., Rodriguez, J.L., Gros, B., & Preston, C. (2002). Planning to Develop an Intercultural Dimension for Teacher Education? Panel presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Chen, M. & Ferdig, R.E. (2002, March). Understanding technological narratives and their roles in teaching and learning: An investigation of electronic narrative tools in education. Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Cilesiz, S. & Ferdig, R.E. (2002, March). The design of electronic learning environments in teacher education. Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Davis, H., Ring, G., & Ferdig, R.E. (2002, March). Integrating Technology into the Study of Teaching and Learning. Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Ferdig, R.E. & Davis, H. (2002, March). How and when do students become 'invested' in online collaboration? Paper presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.
- Ferdig, R.E., Oliver, S., Yadav, A., Roehler, L.R., Pearson, P.D. (March, 2002). Video, database, and web-based learning environments as tools for preservice education: The case of the Reading Classroom Explorer. Interactive session presented at the Society for Information Technology and Teacher Education (SITE) International conference, Nashville, Tennessee.

- Ferdig, R.E. (2001, December). A deeper psychology of literacy technologies: A case study of eMates and virtual friends. In D. Schallert (Chair), *Brilliant talk, brilliant technologies: Second-generation analyses of mediated learning*. Symposium conducted at the National Reading Conference, San Antonio, Texas.
- Ferdig, R.E. (2001, December). Assessing the impact of the Reading Classroom Explorer (RCE) on literacy learning. Symposium chair at the National Reading Conference, San Antonio, Texas.
- Ferdig, R.E. (2001, December). Cooperative creation of technology enhanced learning environment for literacy acquisition: A case study of third graders getting milk. In S. Florio-Ruane (Chair), *Merging technology, teaching, and learning: Developing and using learning environments supported by technology*. Symposium conducted at the National Reading Conference, San Antonio, Texas.
- Roehler, L.R., Boling, E.C., Oliver, S., Ferdig, R.E. (2001, December). Creating and sustaining literacy learning through social interactions. In R. Ferdig (Chair), *Assessing the impact of the Reading Classroom Explorer (RCE) on literacy learning*. Symposium conducted at the National Reading Conference, San Antonio, Texas.
- Roehler, L.R., Oliver, S., Ferdig, R.E. (2001, November). The two faces of diversity: Enhancing teachers' knowledge of pedagogical and student diversity through the use of hypermedia. Poster presented at the FIPSE Project Directors' Meeting, San Diego, CA.
- Ferdig, R.E. (2001, April). Psychological investigations of educational explorations with technology: Understanding what makes a "good innovation". Paper presented at the American Educational Research Association (AERA) Annual Meeting, Seattle, WA.
- Oliver, S., Hughes, J., Norman, P., Pearson, P.D., Roehler, L.R., Ferdig, R.E. & Yadav, A. (2001, April). Reading Classroom Explorer: Using hypermedia to showcase exemplary teaching practices. Demonstration presented at the American Educational Research Association (AERA) Annual Meeting, Seattle, WA.
- Zhao, Y., Ferdig, R.E., & Tan, S. (2001, April). Submitting and reviewing proposals to AERA electronically. Mini-courses held at the American Educational Research Association (AERA) Annual Meeting, Seattle, WA.
- Ames, C., Banghart, R., Bird, T., Ferdig, R.E., Gallagher, J., Melnick, S., Rosaen, C. & Zhao, Y. (2001, February). Faculty development in the use of technology. Pre-conference workshop conducted at the American Association of Colleges for Teacher Education (AACTE) Annual Meeting, Dallas, Tx.
- 2000
 - Ferdig, R.E., Oliver, S., & Roehler, L. (2000, November). Scaffolding through multiple conversations: A case study of elementary education teacher

candidates. Paper presented at the National Reading Conference, Scottsdale, AZ.

- Ferdig, R.E., Yadav, A., & Pearson, P.D. (2000, November). The potential and demands of a technology supported scaffolding environment: Examining scaffolding in the Reading Classroom Explorer. Paper presented at the National Reading Conference, Scottsdale, AZ.
- Roehler, L., Ferdig, R.E., Pearson, P.D., Oliver, S., & Yadav, A. (2000, November). Teaching literacy instruction through new media: A discussion of the past, present, and future of the Reading Classroom Explorer. Poster presented at a special CIERA meeting at the National Reading Conference, Scottsdale, AZ.
- Ferdig, R.E. (2000, April). Emotional responses to computers: Experiences in unfairness, anger, and spite. Paper presented at the American Educational Research Association (AERA), New Orleans, LA.
- Zhao, Y., Ferdig, R.E., & Tan, S. (2000, April). Submitting and reviewing proposals to AERA electronically. Mini-courses held at the American Educational Research Association (AERA) Annual Meeting, New Orleans, LA.
- Ferdig, R.E. (2000, February). Narrative and mathematics in technology development. In S. Melnick (Chair), Faculty development in the use of technology. Pre-conference workshop conducted at the American Association of Colleges for Teacher Education (AACTE) Annual Meeting, Chicago, IL.
- 1999
 - Brenner, D. G., Hughes, J.E., Ferdig, R.E., McVee, M.B., Norman, P.J., Packard, B. W., Pearson, P.D., Roehler, L. (1999, December). Exploring a literacy hypermedia environment: Learning from your own journeys through the Reading Classroom Explorer. Alternative Format Session presented at the National Reading Conference, Orlando, FL.
 - Ferdig, R.E., Englert, C.S., Zhao, Y. (1999, December). TELE-Web: An electronic update. Poster presentation at a special CIERA meeting at the National Reading Conference (NRC), Orlando, FL.
 - Ferdig, R.E., Roehler, L., Pearson, P.D., (1999, December). Building electronic discussion forums to scaffold teacher learning: A pilot study of the reading classroom explorer. Paper presented at the National Reading Conference (NRC), Orlando, FL.
 - Reading Classroom Explorer Group. (1999, December). RCE: Video-streaming models of excellence. Poster presentation at a special CIERA meeting at the National Reading Conference (NRC), Orlando, FL.
 - Mishra, P., Farmer, S., Zhao, Y., Ferdig, R., Alvarez-Torres, M., Lindsey, T. & the Evolution, Technology and Cognition Group. (1999, August). Old brain and new media: Extending the media equation through theory and research. Paper presented at the Cognitive Technologies '99 Conference, San Francisco, CA.

- Ferdig, R.E., Alvarez-Torres, M., Mishra, P., Zhao, Y. (1999, June). The media equation: A theoretical perspective for understanding educational media. Paper presented at Ed-Media '99, Seattle, WA.
- Ferdig, R.E. (1999, April). The experiences of a developer. In Y. Zhao (Chair), The electronic network in scholarly communication: The case of the AERA Annual Meeting proposal submission and Processing. Invited panel conducted at the American Educational Research Association Annual Meeting, Montreal, Quebec, Canada.
- Ferdig, R.E., Worthington, V.L., & Zhao, Y. (1999, April). Examining statistical trends in AERA Annual Meeting electronic proposal submissions. Round table to be conducted at the American Educational Research Association Annual Meeting, Montreal, Quebec, Canada.
- Zhao, Y., Ferdig, R.E., Worthington, V.L., & Tan, S. (1999, April). Submitting and Reviewing Proposals to AERA Electronically. Mini-courses held at the American Educational Research Association Annual Meeting, Montreal, Quebec, Canada.
- Zhao, Y., Worthington, V.L., & Ferdig, R.E. (1999, April). To whose problem is this a solution? The politics of technological innovations. Paper presented at the American Educational Research Association Annual Meeting, Montreal, Quebec, Canada.
- Farmer, S., Ferdig, R.E., Chaplow, M., Banghart, R., Zhao, Y. (1999, February). Technology adoption at the college level: Multiple representations of technology integration. Poster presented at SITE99: Society for Information Technology and Teacher Education, San Antonio, Texas.
- Ferdig, R.E. (1999, February). Pedagogical uses of 'all-in-one' browsers. Hands-on presentation held at MSU College of Education's 15th Annual Teaching with Technology Conference, East Lansing, MI.
- Ferdig, R.E. (1999, February). Social and cultural norms in technology and literacy. Presentation in A. Topper's panel entitled "Technology and innovation in Michigan K-12 schools: Findings from the NextDay teacher innovation research project." Presented at SITE99: Society for Information Technology and Teacher Education, San Antonio, Texas.
- Ferdig, R.E., Weiland, S. (1999, February). A deeper psychology of technology: A case study of a girl and her eMate. Paper presented at SITE99: Society for Information Technology and Teacher Education, San Antonio, Texas.
- Ferdig, R.E., Zhao, Y., Englert, C.S. (1999, February). Constructivist teacher education Practices: Teaching teachers through TELE-Web. Round table presented at SITE99: Society for Information Technology and Teacher Education, San Antonio, Texas.
- TELE-Web Team (1999, February). TELE-Web: Literacy on the Computer. Hands-on presentation held at MSU College of Education's 15th Annual Teaching with Technology Conference, East Lansing, MI.
- 1998

- Englert, C.S., Zhao, Y., Ferdig, R.E. (1998, December). TELE-Web: A communication medium to support the learning of at-risk students. Poster presentation at a special CIERA meeting at the National Reading Conference (NRC), Austin, Texas.
- Ferdig, R.E., Hughes, J.E., Pearson, P.D. (1998, December). Developing personal philosophies about teaching literacy: The role collaboration in a technology-rich environment. Paper presented as part of a symposium on Teacher Learning, Collaboration, and Teaching Philosophies at the National Reading Conference (NRC), Austin, Texas.
- Ferdig, R.E., Hughes, J.E., Packard, B.W.L., Pearson, P.D. (1998, December). Reading Classroom Explorer: Video-streaming models of excellence on CD-ROM and over the Web. Poster presentation at a special CIERA meeting at the National Reading Conference (NRC), Austin, Texas.
- Zhao, Y., Ferdig, R.E. (1998, December). Creating and sustaining reflective discourse communities over the Internet. Poster presentation at a special CIERA meeting at the National Reading Conference (NRC), Austin, Texas.
- Ferdig, R.E., Hughes, J.E., Pearson, P.D. (1998, November). Reading Classroom Explorer: Video streaming models of excellence. Paper presented at WebNet98: World Conference of the WWW, Internet, & Intranet, Orlando, Florida.
- Ferdig, R.E., Worthington, V.L., Zhao, Y. (1998, November). TIGER: The web as a site to examine decision-making processes. Poster presented at WebNet98: World Conference of the WWW, Internet, & Intranet, Orlando, Florida.
- Worthington, V.L., Ferdig, R.E., Zhao, Y. (1998, November). TIGER: The role of the proposal process in the norms of an educational organization. Paper presented at WebNet98: World Conference of the WWW, Internet, & Intranet, Orlando, Florida.
- TELE-Web Team (1998, October) TELE-Web: Developing literacy on the web. Hands-on presentation held at MSU's K-12 Professional Development Conference, East Lansing, MI.
- Zhao, Y., Englert, C.S., Chen, J., Jones, S. C. & Ferdig, R.E. (1998, April). Supporting Writing on the Internet: A Dialogue Between Technology and Pedagogy. Symposium presented at the Annual Meeting of the American Educational Research Association, San Diego, CA.
- Zhao, Y., Ferdig, R.E., Worthington, V.L., Chen, X. & Secada, W. (1998, April). Submitting and Reviewing Proposals to AERA Electronically. Mini-courses held at the Annual Meeting of the American Educational Research Association, San Diego, CA.
- Ferdig, R.E. (1998, March). Teaching a teacher about technology: A narrative approach. Paper presented as part of a Technology and Teacher Education Symposium for SITE98: Society for Information Technology and Teacher Education, Washington, D.C.

- Ferdig, R.E., Farmer, S., Rich., W. T. (1998, March). Supporting teaching with technology: Theoretical and practical considerations in a teacher education process. Poster presented at SITE98: Society for Information Technology and Teacher Education, Washington, D.C.
 - Krause, M., & Ferdig, R.E. (1998, March). The TELE Scoop. Short paper presented at The 22nd Annual Michigan Association for Computer-related technology Users in Learning (MACUL) Annual Conference, Grand Rapids, MI.
 - Pearson, P. D., Hughes, J., Packard, B., Ferdig, R.E. (1998, February). The Reading Explorer: Encountering models of excellence on the Internet. Hands-on presentation held at MSU College of Education's 14th Annual Teaching with Technology Conference, East Lansing, MI.
 - TELE-Web Team (1998, February). TELE-Web: Literacy on the Computer. Hands-on presentation held at MSU College of Education's 14th Annual Teaching with Technology Conference, East Lansing, MI.
- 1997
 - Zhao, Y., Worthington, V. L., Ferdig, R.E. (1997, November). TIGER: Educational research in the age of the Internet. Paper presented at WebNet97: World conference of the WWW, Internet, & Intranet, Toronto, Ontario, Canada.
 - TELE-Web Team (1997, October) TELE-Web: Developing literacy on the web. Hands-on presentation held at MSU's K-12 Professional Development Conference, East Lansing, MI.
- 1994
 - Ferdig, R.E. (1994, Spring). Externalization, Problem Resolution, and Locus of Control. Paper presented at the Michigan Undergraduate Research Conference.

Professional Experience

- Summit Professor of Learning Technologies, Kent State University, 2012 – Present
- Professor, Engineering, Kent State University, College of Aeronautics and Engineering, 2026 – Present
- Executive Director, Research Center for Educational Technology, Kent State University, 2012-2025
- Professor, Educational Technology, Kent State University, College of Education, Health & Human Services, 2009 – 2025
- RCET Research Professor, Kent State University, College of Education, Health & Human Services, 2009 – 2012
- Visiting Professor, Università degli studi di Modena e Reggio Emilia (Reggio Emilia, Italy), 2012
- Associate Professor, University of Florida, College of Education, 2006-2009
- Assistant Professor, University of Florida, College of Education, 2001-2006
- Visiting Assistant Professor, Michigan State University, College of Education, 2000-2001

- Instructor, Michigan State University, College of Education, 1996-1997; 2003; 2004
- Visiting Lecturer, Wyzsza Szkola Pedagogiczna: Krakow, Poland, 1995-1996
- Teaching Assistant, Calvin College, Psychology Department, 1993-1994

Community Engagement

- Boy Scouts of America
 - Pack 3322 Den Leader (2013-2016)
 - Pack 3322 Pack Chaplain/Religious Emblems Coordinator (2014-2016)
- City of Hudson Business Leadership Advisory Board (2017 – 2020)
- Cornerstone Community School Board Member (2016 – 2019)
- Farmers and Hunters Feeding the Hungry – NE Ohio Coordinator (2021 – Present)
- Hudson Fire Department – Firefighter (2025 – Present)
- Hudson Innovation Hack Mentor (2020)
- Hudson Presbyterian Church
 - Session Elder (2012-2017)
 - Early Childhood Center Board Liaison (2012-2017)

Doctoral Graduates

- Ali, Naglaa Ahmed (2004; Ph.D.; member) – Effects of split attention on using electronic tools
- Amiruzzaman, Md (2016; Ph.D.; member) – Exploring preservice teachers' understanding of measures of central tendency
- Amiruzzaman, Md (2019; Ph.D.; member) – Assessing the psychometric properties of newly developed behavior and attitude Twitter scales: A validity and reliability study
- Baumgartner, Emily (2020; Ph.D.; chair) – The impact of virtual reality and 360-degree video on spatial reasoning skills in elementary students
- Beck, Dennis (2008; Ph.D.; chair) – Effects of detailed customization of student avatars on teacher expectations of students
- Black, Erik W (2009; Ph.D.; chair) – An evaluation of familial involvements' influence on student achievement in K-12 virtual schooling
- Brannon, Megan E. (2022; chair) – Exploring the impact of design thinking on creativity in preservice teachers
- Chambers, Wallace (2022; Ph.D.; member) – Young adults experiencing homelessness and domestic violence: The use of Service Prioritization Decision Assistance Tool (SPDAT) data to understand crisis intervention needs
- Demirbilek, Muhammet – (2004; Ph.D.; member) – Effects of interface windowing modes and individual differences on disorientation and cognitive load in a hypermedia learning environment
- DiPietro, Meredith (2008; Ph.D.; chair) – Virtual school pedagogy: Beliefs, goals, and practices of K-12 virtual school teachers
- Dodson, Tracy M. (2022; Ph.D.; chair) – Examining the impact of expert modeling videos on nursing students' simulation competency

- Elsey, Gretchen E. (2025, Ph.D.; member) – Evaluating virtual reality’s effects on task performance, physiological variables, psychometrics, and cognition in healthy college-aged individuals
- Ertem, Ihsan Seyit (2009; Ph.D.; chair) – Investigating the effects of electronic cd-rom storybooks and traditional print storybooks on reading comprehension of fourth grade struggling readers
- Green, Jennifer J. (2018; Ph.D.; chair) – The impact of video on interaction and reflection in the post-observation conference
- Hartshorne, Charles Richard (2004; Ph.D.; co-chair) – Integrating hypermedia into elementary teachers’ science professional development opportunities : the effects on content knowledge and attitudes toward science
- Haugaard, Joy Felice-Stryker (2005; Ph.D.; member) – Critical elements of beginning teacher induction: An analyses of support contributing to professional development
- Johnsen, Kyle John (2008; Ph.D.; member) – Design and validation of a virtual human system for interpersonal skills education
- Kaykayoglu, Ediz L. (2019, Ph.D.; chair) – Cultural intelligence and student activity in a learning management system
- Krasniqi, Fitim A. (2022; Ph.D.; member) – Curriculum traditions in teacher preparation: A mixed methods study of Kosovo teacher educators’ views on effective teacher preparation
- Lefsky, Evan Brian (2005; Ph.D.; member) – Relationship of teacher change to frequency of teacher interaction with a reading coach
- Li, Zhuo (2011; Ph.D.; co-chair) – Adolescent English language learners’ second language literacy engagement in World of Warcraft
- Mayne, Dina L. (2007; Ph.D.; member) – Conceptions of and orientation to teaching science of beginning secondary science teachers
- McCombs, Kristin (2019; Ph.D.; member) – The effects of gender pairings on performance and attitude in serious gaming
- McFarland, Maureen R. (2017; Ph.D.; chair) – Student pilot aptitude as an indicator of success in a Part 141 collegiate flight training program
- Mills, Mathew (2024; Ed.D.; co-chair) – The effect of debriefing after low fidelity simulation on the self-efficacy and anxiety of athletic training students
- Morris, Grace Ann (2024, Ph.D.; chair) – Exploring pre-service educators’ development of creativity through game-based learning
- Nail, Daniel Allan (2008; Ph.D.; member) – An exploration of preservice teachers’ experiences in an online writing partnership
- Nigh, Jennifer (2021; Ph.D.; member) – The use of conceptual and practical tools to teach writing in 4th grade online classrooms: A multiple case study
- Ortiz-Rodriguez, Madeline (2008; Ph.D.; member) – In search of a mathematics discourse model: Constructing mathematics knowledge through online discussion forums
- Raber, James A. (2020; Ph.D.; chair) – Analysis of motivation, situational interest, and augmented reality

- Raij, Andrew Brian (2008; Ph.D.; member) – Perspectives on the analysis of human-virtual human interactions
- Reed, Janet M. (2022; Ph.D.; chair) – Exploring the impact of simulation anxiety on clinical judgment for nursing students
- Sessums, Christopher Davis (2008; Ph.D.; member) – The path from insight to action: The case of an online learning community in support of collaborative teacher inquiry
- Schmoyer, Michael Wayne (2007; Ph.D.; member) – The relationships of handheld computer use, anxiety, and self-efficacy among public health employees
- Spencer, Kristin Taylor (2008; Ph.D.; member) – Preservice elementary teachers' two-dimensional visualization and attitude toward geometry: Influences of manipulative format
- Stoyle, Keri L. (2016; Ph.D.; co-chair) – Supporting mathematical explanation, justification, and argumentation through multimedia: A quantitative study of student performance
- Tan, Yong-Seng Jonathan (2024; Ph.D.; co-chair) – An explanatory sequential mixed-methods study to understand undergraduate students' everyday texting experiences as they relate to social connectedness
- Trammell, Kaye D. (2004; Ph.D.; member) – Celebrity blogs: Investigation in the persuasive nature of two-way communication regarding politics
- Walter, Ann (2024; Ed.D.; chair) – #BlackInTheIvory: A discussion of Black undergraduate fashion students and social capital
- Yoder, Nicole (2025; Ed.D.; co-chair) – Exploring faculty perceptions of collaborating with an instructional designer during asynchronous online course development

Creative Works and Activities

- 2023 – Present: APLU Mapping Software
 - Website: <https://aplu.kent.edu>
- 2019 – Present: Extended Reality Initiative
 - Website – <https://xr.kent.edu/>
- 2018 – Present: May 4th Augmented Reality Application
 - Website – <https://may4thxr.kent.edu>
- 2018 – Present: Smart and Connected Health Outreach Outcomes and Learning (SCHOOL) Collaborative
 - Connections App for Parents of Children with Autism – (TestFlight Developer Version)
 - Headache App (TestFlight Developer Version)
- 2017 – Present: Tree Health Survey
 - Website – (<https://parkapps.kent.edu/treehealthsurvey/>)
 - iOS – ([Apple Store](#))
- 2017 — Present: MyCPH (Community Engagement for Public Health)
 - Website – (<https://parkapps.kent.edu/cph>)
 - iOS App – ([Apple Store](#))
 - Android – ([Google Play](#))

- 2017 — 2019: Drug Overdose and Observation Response (DOOR) – TestFlight Developer Version
- 2014 — 2017: ParkApps NE Ohio
 - Website – (<http://parkapps.kent.edu>)
 - iOS App – ([Apple Store](#))
 - Android – ([Google Play](#))
- 2015 – 2016: SpedApps
 - Online Database of Apps (<http://spedapps.kent.edu>)
 - iPD (Professional Development App; development version)
 - Number Line Touch: Multiplication ([Apple Store](#))
- 2014 – 2016: Making Mathematics Mobile (M3 – <http://mathapps.kent.edu/>)
- 2008 – Present: Virtual Patients Project
(<http://www.cise.ufl.edu/research/vegroupp/vp/index.html>)
- 2008 – 2013: MissionBioTech game
- 2006 – 2013: Virtual School Clearinghouse (<http://www.vsclearinghouse.com/>)
- 2005 – 2012: Autism Family Training Project
- 1998-2006: Reading Classroom Explorer
- 2004-2006: PT3 Physical Science Database – E.L.L.I.P.S.
- 2000 – DRC Course Response System (V1.1)
- 1998-2001: American Educational Research Association (AERA) proposal processing system
- 1998-2000: Technology Enhanced Learning Environment-Web

Editorial Service

- AI Enhanced Learning – Co-Editor (2024-2025)
- Action in Teacher Education – Reviewer (2025)
- Anatomical Sciences Education – Reviewer (2016; 2017)
- BMC Medical Education – Reviewer (2024)
- British Journal of Educational Technology (BJET)
 - Book Reviewer (2003-06)
 - Refereeing Panel (2003-2014)
- Center for the Improvement of Early Reading Achievement (CIERA) – Reviewer (1998-2002)
- Children and Youth Services Review (2017; 2019-2022)
- Cogent Education – Reviewer (2025)
- Collegiate Aviation Review International – Reviewer (2020)
- Communication Yearbook, Edited by Charles Salmon – Reviewer (Vol 34; 2009)
- Computers & Education – Reviewer (2011; 2015; 2022; 2023)
- Contemporary Educational Psychology – Reviewer (2007)
- Digital Simulations to Improve Education, Edited by David Gibson & Young Kyun Baek – Chapter Reviewer (2008)
- E-Learning and Digital Media – Reviewer (2012)
- Education Research International – Reviewer (2011)
- Educational Researcher – Reviewer (2019)

- Educational Technology Research & Development
 - Consulting Editor (Development; 2012-present)
 - Editorial Review Board (Development; 2009-2012)
- English Education – Reviewer (2010)
- Family Relations – Reviewer (2015-2018; 2020; 2024)
- G|A|M|E – Special Issue Co-Guest Editor on “[Digital games for special needs: Special needs for digital games](#)” (2018)
- Heliyon – Reviewer (2024)
- IEEE Access – Reviewer (2025)
- Information and Learning Sciences – Reviewer (2019)
- Information, Communication and Society – Reviewer (2018; 2025)
- Instructional Science – Reviewer (2007-2008; 2011-2013)
- Interacting with Computers – Reviewer (2014; 2017; 2018)
- Interaction Design and Architecture(s) Journal (IxD&A) – Special Issue Guest Editor on Mobile Learning and Special Education (2016)
- Interactive Learning Environments – Reviewer (2011-2018; 2020)
- Interdisciplinary Models and Tools for Serious Games: Emerging Concepts and Future Directions – Editorial Advisory Board (2010)
- International Journal of Disaster Risk Reduction – Reviewer (2022)
- International Journal of E-Learning (IJEL) – Editor-in-Chief (2024-2025)
- International Journal of Gaming and Computer-Mediated Simulations – Founding Editor-in-Chief (2008-2013)
- International Journal of Human-Computer Interaction – Reviewer (2024)
- International Journal of Human-Computer Studies – Reviewer (2010; 2025)
- International Journal of Information and Learning Technology – Reviewer (2017)
- JAMA Network Open – Reviewer (2025)
- Journal for Multicultural Education – Editorial Review Board (2014-present)
- Journal of Computer Assisted Learning (JCAL) – Reviewer (2008; 2012-2016; 2019-2021; 2023-2025)
- Journal of Educational Computing Research (JECR) – Reviewer (2005; 2007; 2009; 2011; 2013-15; 2017; 2018; 2020; 2024)
- Journal of Educational Multimedia & Hypermedia (JEMH) –Special Issue Guest Editor on Games and Learning (2007)
- Journal of Experimental Education – Reviewer (2025)
- Journal of Interactive Learning Research (JILR)
 - Editor-in-Chief (2023-2024)
 - Special Issue Guest Editor on “Real-Virtual-Relationships and Learning” (2017)
- Journal of Interactive Online Learning (JIOL) – Editorial Review Board (2003-Present)
- Journal of Literacy Research (JLR) – Review Board (2001-2004)
- Journal of Medical Internet Research (JMIR) – Reviewer (2024)
- Journal of Online Learning Research (JOLR) – Editorial Review Board (2014-2023)
- Journal of Philosophy of Education (JOPE) – Reviewer (2023)
- Journal of Psychiatric Research – Reviewer (2024)

- Journal of Research in Special Education Needs – Reviewer (2024)
- Journal of Research on Technology in Education (JRTE) – Reviewer (2002-2003)
- Journal of Teacher Education – Reviewer (2008; 2017; 2022)
- Journal of Technology and Teacher Education (JTATE)
 - Editor-in-Chief (2015-2020)
 - Associate Editor-in-Chief (2012-2015)
 - Associate Editor (2005-2012)
 - Editorial Review Board (2002-2015)
 - Special Issue Guest Editor on “eXtended Reality (XR) and Teacher Education” (2021)
- Journal of Virtual Worlds Research (JVWR) – Special Issue Guest Editor on “[Real Virtual Relationships](#)” (2017)
- Leisure Sciences – Reviewer (2025)
- Multicultural Education & Technology Journal – Editorial Review Board (2006-2013)
- National Reading Conference (NRC) – Co-eEditor (2002-05)
- New Educator – Reviewer (2004-2005)
- Progress in Disaster Science – Reviewer (2021)
- Psychological Reports – Reviewer (2025)
- Reading Research Quarterly –
 - Reviewer (2012-2019)
 - Editorial Review Board (2020-2022)
- Remedial & Special Education – Reviewer (2011)
- Society for Information Technology & Teacher Education (SITE) – Conference & Proceedings Managing Co-Editor (2003-04)
- Teachers College Record – Reviewer (2023)
- Teaching and Teacher Education – Reviewer (2012-2018)
- Technology in Society – Reviewer (2020)
- The Elementary School Journal – Reviewer (2023)

Professional Service

- American Educational Research Association (AERA)
 - Annual Meeting Policies and Procedures Committee (1997-1999)
 - Annual Meeting Session Chair & Discussant
 - Computer Applications in Education SIG: 2003
 - Division C7 (Technology Research): 2003
 - Annual Meeting Proposal Reviewer
 - Advanced Technologies for Learning SIG: 2003
 - Computer Applications in Education SIG: 2001, 2002
 - Design & Technology SIG: 2002
 - Division C1 (Literacy & Language Arts): 2002, 2003
 - Division C6 (Cognitive, Social, and Motivational Processes): 2003
 - Division C7 (Technology Research): 2002, 2003, 2006
 - Division K1d (Technology & Teacher Education): 2001
 - Division K3 (Teaching and Teacher Education): 2006

- Instructional Technology SIG: 2003
 - Narrative & Research SIG: 2001, 2003
 - Technology as an Agent of Change in Teaching and Learning (TACTL) SIG: 2003, 2006, 2010, 2011
- Association for the Advancement of Computing in Education (AACE)
 - Contemporary Issues in Technology and Teacher Education Editor-in-Chief Search Committee (2016/17)
 - Director of Publications (2022-2025)
- Canada Research Chairs (CRC) – Chair Reviewer (2024)
- CSEDU – International Conference on Computer Supported Education – International Program Committee (2013-2020; 2022-26)
- DiGRA (Digital Games Research Association) – Program Committee (2019, 2020, 2022, 2023, 2025)
- GAMEON – Serious Games Committee (2007-2010)
- Games, Learning & Society (GLS) Discussant (2010)
- Institute of Education Sciences (IES) (*Years not included as blind review*)
 - Instructional Technology Center Review Panel
 - Mathematics and Science Education Review Panel
 - Social and Behavioral Review Panel
- International Association for K-12 Online Learning (iNACOL)
 - iNACOL National Standards For Quality Online Courses Update Committee (2011)
- International Digital Media and Arts Association (iDMAa)
 - Advisory Board (2005-2009)
 - Technical Papers Co-Chair (2004-2005)
- International Reading Association
 - IRA Director of Research Search Committee (2010)
 - Technology, Communication, and Literacy Committee (2010-2013)
- Kent State University
 - APLU-IEP Designation Committee (2023-2025)
 - CIO Search Committee (2017-18)
 - College of Public Health – Health Policy and Management Advisory, Promotion, and Tenure Committee (2013)
 - Corporate Engagement Search Committee (2024-present)
 - Digital Sciences/EMAT
 - Affiliate Faculty (2012-Present)
 - Interdisciplinary Advisory Committee (IAC) (2012-Present)
 - Task Force (2010-2011)
 - EHHS Grants Administrator Search Committee (2022-23)
 - Faculty Senate Commission Established to Evaluate Current Methods of Assessing Teaching Quality at Kent State University (2011)
 - Health Policy and Management Personnel Committee (2013)
 - ITEC Search Committee
 - Chair (2014-15)

- Member (2015-16)
 - Member (2017-18)
- Lifespan Development and Educational Sciences Advisory, Promotion, and Tenure Committee (2009-2019)
- Learning Management System Selection and Review Committee (University; 2018-20)
- Micro-credential Steering Committee (2019-20)
- Outstanding Research and Scholar Award Review Committee (2014; 2021)
- Ph.D. Taskforce (2011)
- Provost Promotion Advisory Board (2012-2013)
- Research Grants Administrator Search Committee (2022-23)
- Strategic Opportunity for Academic Reach and Success (SOARS)
 - SOARS Interprofessional Healthcare Workgroup (2017-18)
- Teaching, Learning, and Curriculum Studies Advisory, Promotion, and Tenure Committee (2019-2025)
- University Libraries ad hoc Promotion Committee (2023; 2025)
- Vice President for Research Advisory Committee (2012-2013)
- Vice President for Research Search Committee
 - 2010-2011
 - 2022
- Michigan State University
 - College of Education Faculty Appreciation Award Committee (1997-1998)
 - College of Education Task Force on Online Education (2000-2001)
 - MSU Enhance Your Future Conference Host (2000)
- Meaningful Play Conference
 - Program Committee (2008, 2010)
- National Reading Conference (NRC)
 - Area Co-Chair for “Literacy, Technology, and Media” (2005-2007)
 - Oscar Causey Award Committee (2002-2005)
 - Proposal Reviewer, Conference Session Chair, & Discussant
 - Area 2 – In-service Teacher Education/Professional Development in Literacy (2003-2006)
 - Area 7 – Social, Cultural, and Political Issues of Literacy Practices In and Out of School (2004-2006)
 - Area 10 – Literacy, Technology, and Media (1998-2006)
 - Technology Standing Committee (2002-2005)
- National Science Foundation (NSF) *(Years not included as blind review)*
 - Advancing Informal STEM Learning Review Panel
 - Cyberlearning DIP Review Panel
 - Cyberlearning EXP Review Panel
 - Cyberlearning Resource Center Review Panel
 - Informal Science Education Review Panel
 - iTEST Review Panel
 - STEM+C Review Panel

- Next Generation Learning Challenge Grants – Team Leader for Reviews(2011)
- Society of Information Technology & Teacher Education
 - Conference Reviewer (2003, 2004, 2007)
 - Consultative Council (2015-2025)
 - Executive Board (2015-2025)
 - Session Presider (2003)
- United States Congress
 - Congressional App Challenge Judge (2016)
- University of Florida
 - College of Education Curriculum Committee Chair (2007-2008)
 - College of Education Faculty Policy Council Agenda Committee
 - Chair (2008-2009)
 - Member (2007-2008)
 - College of Education Faculty Policy Council Chair (2008-2009)
 - College of Education Faculty Policy Council Secretary (2007-2008)
 - College of Education Graduate Fellowship Selection Committee (2003)
 - College of Education Technology Committee (2003-2005; 2006-2007)
 - College of Education Webmaster Search Committee (2002)
 - Digital Worlds Institute Search Committee Chair (2006-2007)
 - International Media Union Planning Committee (2001-2007)
 - PT3 Mini-Grant Review Chair (2001-2003)
 - School of Teaching and Learning Director Search Committee (2002-2003)
 - School of Teaching and Learning Educational Technology Search Committee
 - Chair of Assistant/Associate Tenured Search (2006-2007)
 - Member of Clinical Assistant Professor Search (2008-2009)
 - School of Teaching and Learning Science Search Committee (2004; 2005)
 - Supervisor, EME 2040 “Introduction to Educational Technology” (2002-2009)
 - University Charitable Contribution Campaign Representative (2002-2003)
 - University Graduate Student Forum Judge (2003)
 - University RGP Opportunity Fund Proposal Reviewer (2005)
 - University Scholars Program Faculty Mentor (2002-2003; 2007-2008)
- University of London, Institute of Education
 - Doctoral School Summer Conference Discussant (2003)

Past & Present Memberships and Affiliations

- American Educational Research Association (AERA)
- Association for the Advancement of Computing in Education (AACE)
- Kappa Delta Pi National Honor Society
- International Association for K-12 Online Learning (iNACOL)
- Michigan Association of Computer-related technology Users in Learning (MACUL)
- National Reading Conference (NRC)
- Phi Kappa Phi National Honor Society
- Socio-Cultural Research Group (SCRG)

- Society for Information technology & Teacher Education (SITE)