

# Royce Kimmons, PhD

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## Academic Employment

<b>Associate Professor</b>	<b>August 2021 - present</b>
<b>Assistant Professor</b>	<b>August 2015 - August 2021</b>
Brigham Young University, Provo, UT David O. McKay School of Education, Instructional Psychology & Technology	
<b>Assistant Professor and Director</b>	<b>June 2013 - July 2015</b>
University of Idaho, Moscow, ID College of Education, Learning Technologies, Doceo Center for Innovation + Learning	
<b>Post-Doctoral Research Affiliate</b>	<b>Sept. 2012 - June 2013</b>
The University of Texas, Austin, TX College of Education, Curriculum and Instruction	

## Education

<b>Ph. D. in Curriculum and Instruction</b>	<b>2012</b>
The University of Texas, Austin, TX Emphasis: <b>Instructional Technology / Learning Technologies</b> Dissertation Topic: Pre-Service Teachers, Social Networking Sites, and Identity Advisor: George Veletsianos, PhD	
<b>M. A. in Teaching</b>	<b>2008</b>
Southern Oregon University, Ashland, OR Subject: Secondary Language Arts License: Oregon Initial II Teaching License	
<b>B. A. in Philosophy</b>	<b>2005</b>
Brigham Young University, Provo, UT	

## Research

### Scholarly Awards & Recognition

Annual Achievement Award. (2022). Awarded by the Association for Educational Communications and Technology (AECT) for the EdTech Books open textbook platform.

- Early Career Scholarship Award. (2022). Awarded by Brigham Young University for showing “outstanding promise and contributions in scholarship.”
- Scholarly Advancement of Teacher Education and the Field of Educational Technology Award. (2021). Awarded by the Association of Educational Communications and Technology (AECT) Teacher Education Division (TED) for making “significant scholarly contributions to the field of educational technology and teacher education.”
- Outstanding Publication Award. (2018). Awarded by the Association of Educational Communications and Technology (AECT), Culture, Learning, and Technology (CLT) Division, for the year's most "outstanding published journal article relevant to the field of culture, learning and technology."
- Early Career Scholar Award. (2017). Awarded by the American Educational Research Association (AERA) Technology as an Agent of Change in Teaching and Learning (TACTL) special interest group for making “substantial scholarly contributions to the use of technology as an agent of change in inservice, preservice or teacher education.”
- Editor-in-Chief's Certificate of Excellence. (2017). Awarded by the Educational Technology Research & Development (ETR&D) Research Board for providing "exemplary academic services in support of the Educational Technology Research & Development Journal."
- Young Scholars Award. (2017). Awarded by the Educational Technology Research & Development (ETR&D) Research Board for "the best paper presented at the (AECT) convention discussing a theoretical construct that could guide research and/or development in educational technology." The awarded paper was "The PICRAT Model for Technology Integration in Teacher Preparation," which included Charles R. Graham and Richard E. West as co-authors.
- Nancy Peery Marriott Outstanding Scholar Award. (2017). Chosen by the dean's office committee and awarded annually by the David O. McKay School of Education to a faculty member in the college for outstanding research.
- Annual Achievement Award. (2016). Awarded by the Association of Educational Communications and Technology (AECT) for work with the Digital Learning and Social Media Research Group that is “making a significant contribution to the advancement of educational communications and technology.”
- Best Conference Proposal. (2015). Voted best proposal (out of 104 submissions) for the Association of Educational Communications and Technology (AECT), Teacher Education Division (TED), for the proposal “Theories that work: Pre-service and practicing teacher evaluations of technology integration models.”
- AMX Innovation Award Finalist. (2014). Named as a finalist at UB Tech 2014 for the design of an innovative learning technologies lab that balances student-centered cooperative control with teacher management and allows for multi-location touchscreen collaboration.
- Outstanding Research Paper Award. (2013). Received at the Association for the Advancement of Computing in Education's (AACE) World Conference on Educational Media and Technology (Ed-Media) for the paper “Making learning fun through a ludic simulation.”
- Best Conference Proposal. (2011). Highest rated proposal (out of 120 submissions) for the Association of Educational Communications and Technology (AECT), Research and Theory Division (RTD), for the proposal "What do we know about scholars' and researchers' participation in online networks?"
- Disney Research Learning Challenge Finalist. (2010). Named as a finalist at the Association for Computing Machinery's (ACM) Special Interest Group on Graphics and Interactive Techniques (SIGGRAPH) for a problem-based, serious game called "Salamander Rescue," designed to teach middle-school students about earth science and scientific inquiry techniques.

**Journal Articles**

- Borup, J., Velasquez, R. Q., Graham, C. R., Archambault, L., & Kimmons, R. Incremental improvements: Examining instructional changes and rationales of K-12 online teachers using the PICRAT and 4E Frameworks. *Journal of Technology and Teacher Education* 30(4), 431-459.
- Germone, M., Wright, C., Coburn, S., & Kimmons, R. (2023). Twitter trends for celiac disease and the gluten-free diet: A cross-sectional descriptive analysis. *Journal of Medical Internet Research Infodemiology*.
- Jensen, B., & Kimmons, R. (2022). How OER can support teacher collaborative learning to enact equitable teaching practices. *Journal for Multicultural Education*.
- Kimmons, R., & Rosenberg, J. (2022). Trends and topics in educational technology, 2022 Edition. *TechTrends*. doi:10.1007/s11528-022-00713-0
- Michela, E., Rosenberg, J. M., Kimmons, R., Sultana, O., Burchfield, M. A., & Thomas, T. (2022). "We are trying to communicate the best we can": Understanding districts' communication on Twitter during the COVID-19 pandemic. *AERA Open*.
- Carpenter, J., Trust, T., Kimmons, R., & Krutka, D. (2021). Sharing and self-promoting: An analysis of educator tweeting at the onset of the COVID-19 Pandemic. *Computers & Education Open*. doi:10.1016/j.caeo.2021.100038
- Kimmons, R. (2021). A/B testing on open textbooks: A feasibility study for continuously improving open educational resources. *The Journal of Applied Instructional Design*, 10(2).
- Kimmons, R. (2021). Safeguarding student privacy in an age of analytics. *Educational Technology Research & Development*, 69, 343-345. doi:10.1007/s11423-021-09950-1
- Kimmons, R. (2021). Shifting to open education in our digital learning. *Educational Technology Research & Development*, 69, 379-381. doi:10.1007/s11423-021-09949-8
- Kimmons, R., Rosenberg, J., & Allman, B. (2021). Trends in educational technology: What Facebook, Twitter, and Scopus can tell us about current research and practice. *TechTrends*, 65, 125-136. doi:10.1007/s11528-021-00589-6
- Tonks, D., Kimmons, R., & Mason, S. (2021). Motivations among special education students and their parents for switching to an online school: Survey responses and emergent themes. *Online Learning Journal*, 25(2), 171-189..
- Veletsianos, G., Kimmons, R., Larsen, R., & Rogers, J. (2021). Temporal flexibility, online learning completion, and gender. *Distance Education*.
- Kimmons, R. (2020). Current trends (and missing links) in educational technology research and practice. *TechTrends*, 64(6). doi:10.1007/s11528-020-00549-6
- Kimmons, R., Graham, C., & West, R. (2020). The PICRAT model for technology integration in teacher preparation. *Contemporary Issues in Technology and Teacher Education*, 20(1).
- Lay, C., Allman, B., Cutri, R. M., & Kimmons, R. (2020). Examining a decade of research in online teacher professional development. *Frontiers in Education*, 5.
- Martin, M. T., & Kimmons, R. (2020). Faculty members' lived experiences with open educational resources. *Open Praxis*, 12(1), 131-144. doi:10.5944/openpraxis.12.1.987.
- Tonks, D., Kimmons, R., & Mason, S. (2020). Mattering is motivating: Special education students' experiences with an online charter school. *Journal of Online Learning Research*, 6(3).
- Trust, T., Carpenter, J., Krutka, D. G., & Kimmons, R. (2020). #RemoteTeaching & #RemoteLearning: Educator tweeting during the COVID-19 Pandemic. *Journal of Technology and Teacher Education*, 28(2), 151-159.
- Carpenter, J., Kimmons, R., Staples, M. E., Clements, K., & Short, C. (2019). Teacher identity and crossing the professional-personal divide on Twitter. *Teaching and Teacher Education*, 81, 1-12. doi:10.1016/j.tate.2019.01.011

- Kimmons, R., Hunsaker, E., Jones, J. E., & Stauffer, M. (2019). The nationwide landscape of K-12 school websites in the United States: Systems, services, intended audiences, and adoption patterns. *The International Review of Research in Open and Distributed Learning*, 20(3). doi:10.19173/irrodl.v20i4.3794
- Kimmons, R., & Johnstun, K. (2019). Navigating paradigms in educational technology. *TechTrends*, 63(5), 631-641. doi:10.1007/s11528-019-00407-0
- Kimmons, R., & Smith, J. (2019). Accessibility in mind? A nationwide study of K-12 websites in the U.S. *First Monday*, 24(2).
- Woodward, S., & Kimmons, R. (2019). Religious implications of social media in education. *Religion & Education*, 46(2), 271-293. doi:10.1080/15507394.2018.1510249
- Kimmons, R., & Veletsianos, G. (2018). Public internet data mining methods in instructional design, educational technology, and online learning research. *TechTrends*, 62(5), 492-500. doi:10.1007/s11528-018-0307-4
- Kimmons, R., Carpenter, J., Veletsianos, G., & Krutka, D. (2018). Mining social media divides: An analysis of K-12 U.S. school uses of Twitter. *Learning, Media, & Technology*, 43(3), 307-325. doi:10.1080/17439884.2018.1504791
- Mason, S., & Kimmons, R. (2018). Effects of open textbook adoption on teachers' open practices. *The International Review of Research in Open and Distributed Learning*, 19(3).
- Paskevicius, M., Veletsianos, G., & Kimmons, R. (2018). Content is king: An analysis of how the Twitter discourse surrounding open education unfolded from 2009 to 2016. *The International Review of Research in Open and Distributed Learning*, 19(1).
- Romero-Hall, E., Kimmons, R., & Veletsianos, G. (2018). Social media use by instructional design departments. *Australasian Journal of Educational Technology*. doi:10.14742/ajet.3817
- Veletsianos, G., Kimmons, R., Belikov, O., & Johnson, N. (2018). Scholars' temporal participation on, temporary disengagement from, and return to Twitter. *First Monday*, 23(11).
- Veletsianos, G., Kimmons, R., Larsen, R., Dousay, T., & Lowenthal, P. (2018). Public comment sentiment on educational videos: Understanding the effects of presenter gender, video format, threading, and moderation on YouTube TED talks. *PLoS ONE*, 13(6). doi:10.1371/journal.pone.0197331
- Kimmons, R. (2017). Open to all? Nationwide evaluation of high-priority web accessibility considerations among higher education websites. *Journal of Computing in Higher Education*, 29, 434-450.
- Kimmons, R., & Hall, C. (2017). How useful are our models? Pre-service and practicing teacher evaluations of technology integration models. *TechTrends*, 62, 29-36. doi:10.1007/s11528-017-0227-8
- Kimmons, R., Clark, B., & Lim, M. (2017). Understanding web activity patterns among teachers, students, and teacher candidates. *Journal of Computer Assisted Learning*, 33, 588-596.
- Kimmons, R., Darragh, J., Haruch, A., & Clark, B. (2017). Essay composition across media: A quantitative comparison of 8th grade student essays composed with paper vs. Chromebooks. *Computers and Composition*, 44, 13-26.
- Kimmons, R., McGuire, K., Stauffer, M., Jones, J. E., Gregson, M., & Austin, M. (2017). Religious identity, expression, and civility in social media: Results of data mining Latter-day Saint Twitter accounts. *Journal for the Scientific Study of Religion*, 56(3), 637-657.
- Kimmons, R., Veletsianos, G., & Woodward, S. (2017). Institutional uses of Twitter in U.S. higher education. *Innovative Higher Education*, 42(2), 97-111.
- Veletsianos, G., Kimmons, R., Shaw, A. G., Pasquini, L., & Woodward, S. (2017). Selective openness, branding, broadcasting, and promotion: Twitter use in Canada's public universities. *Educational Media International*, 54(1), 1-19.

- Woodward, S., Lloyd, A., & Kimmons, R. (2017). Student voice in textbook evaluation: Comparing open and restricted textbooks. *The International Review of Research in Open and Distributed Learning, 18*(6).
- Kimmons, R. (2016). Expansive openness in teacher practice. *Teachers College Record, 118*(9).
- Kimmons, R., & Hall, C. (2016). Toward a broader understanding of teacher technology integration beliefs and values. *Journal of Technology and Teacher Education, 24*(3), 309-335.
- Kimmons, R., & Veletsianos, G. (2016). Education scholars' evolving uses of Twitter as a conference backchannel and social commentary platform. *British Journal of Educational Technology, 47*(3), 445-464.
- Veletsianos, G., & Kimmons, R. (2016). Scholars in an increasingly digital and open world: How do education professors and students use Twitter? *The Internet and Higher Education, 30*, 1-10.
- Kimmons, R. (2015). Examining TPACK's theoretical future. *Journal of Technology and Teacher Education, 23*(1), 53-77.
- Kimmons, R. (2015). OER quality and adaptation in K-12: Comparing teacher evaluations of copyright-restricted, open, and open/adapted textbooks. *The International Review of Research in Open and Distributed Learning, 16*(5).
- Kimmons, R. (2015). Online system adoption and K-12 academic outcomes. *Journal of Computer Assisted Learning, 31*(4), 378-391.
- Kimmons, R. (2015). Open online system adoption in K-12 as a democratizing factor. *Open Learning: The Journal of Open, Distance and e-Learning, 30*(2), 138-151.
- Kimmons, R., & Veletsianos, G. (2015). Teacher professionalization in the age of social networking sites. *Learning, Media and Technology, 40*(4), 480-501.
- Kimmons, R., Miller, B., Amador, J., Desjardins, C., & Hall, C. (2015). Technology integration coursework and finding meaning in pre-service teachers' reflective practice. *Educational Technology Research & Development, 63*(6), 809-829.
- Kimmons, R. (2014b). Developing open education literacies with practicing K-12 teachers. *The International Review of Research in Open and Distributed Learning, 15*(6).
- Kimmons, R. (2014d). Social networking sites, literacy, and the authentic identity problem. *TechTrends, 58*(2), 93-98.
- Kimmons, R., & Veletsianos, G. (2014). The fragmented educator 2.0: Social networking sites, acceptable identity fragments, and the identity constellation. *Computers & Education, 72*, 292-301.
- Liu, M., Horton, L., Kang, J., Kimmons, R., & Lee, J. (2013). Using a ludic simulation to make learning of middle school space science fun. *International Journal of Gaming and Computer-Mediated Simulations, 5*(1), 66-86.
- Veletsianos, G., & Kimmons, R. (2013). Scholars and faculty members' lived experiences in online social networking systems. *The Internet and Higher Education, 16*, 43-50.
- Veletsianos, G., Kimmons, R., & French, K. (2013). Instructor experiences with a social networking site in a higher education setting: Expectations, frustrations, appropriation, and compartmentalization. *Educational Technology Research & Development, 61*(2), 255-278.
- Kimmons, R., Liu, M., Kang, J., & Santana, L. (2012). Attitude, achievement, and gender in a middle school science-based ludic simulation for learning. *Journal of Educational Technology Systems, 40*(4), 341-370.
- Veletsianos, G., & Kimmons, R. (2012). Assumptions and challenges of open scholarship. *The International Review of Research in Open and Distributed Learning, 13*(4), 166-189.
- Veletsianos, G., & Kimmons, R. (2012). Networked participatory scholarship: Emergent techno-cultural pressures toward open and digital scholarship in online networks. *Computers & Education, 58*(2), 766-774.
- Kimmons, R. (2011). Understanding collaboration in Wikipedia. *First Monday, 16*(12).

**Other Publications**

- Kimmons, R., & Irvine, J. (in press). Creating more generous and sustainable educational futures with OER. In D. Otto, M. Kerres, & O. Zawacki-Richter (Eds.), *Distributed learning ecosystems: Repositories, resources and practices*. Springer Nature.
- Arts, Y., Call, H., Cavan, M., Holmes, T., Rogers, J., Tuiloma, S. H., West, L., & Kimmons, R. (2021). *An Introduction to Open Education*. EdTech Books. [https://edtechbooks.org/open\\_education](https://edtechbooks.org/open_education)
- Irvine, J., Kimmons, R., & Rogers, J. (2021). Recognizing and overcoming obstacles: What it will take to realize the potential of OER. *EDUCAUSE Review*. <https://er.educause.edu/articles/2021/7/recognizing-and-overcoming-obstacles-what-it-will-take-to-realize-the-potential-of-oer>
- Kimmons, R., & Veletsianos, G. (2021). Proctoring software in higher ed: Prevalence and patterns. *EDUCAUSE Review*. <https://er.educause.edu/articles/2021/2/proctoring-software-in-higher-ed-prevalence-and-patterns>
- Kimmons, R., Veletsianos, G., & VanLeeuwen, C. (2020). What (some) faculty are saying about the shift to remote teaching and learning. *EDUCAUSE Review*. Retrieved from <https://er.educause.edu/blogs/2020/5/what-some-faculty-are-saying-about-the-shift-to-remote-teaching-and-learning>
- Veletsianos, G., & Kimmons, R. (2020). What (some) students are saying about the switch to remote teaching and learning. *EDUCAUSE Review*. Retrieved from <https://er.educause.edu/blogs/2020/4/what-some-students-are-saying-about-the-switch-to-remote-teaching-and-learning>
- Kimmons, R. (2020). Color Theory in Experience Design. In M. Schmidt, A. A. Tawfik, I. Jahnke, & Y. Earnshaw (Eds.), *Learner and User Experience Research: An Introduction for the Field of Learning Design & Technology*. EdTech Books. [https://edtechbooks.org/ux/color\\_theory](https://edtechbooks.org/ux/color_theory)
- Ottenbreit-Leftwich, A. & Kimmons, R. (2020). *The K-12 Educational Technology Handbook* (1st ed.). EdTech Books. <https://edtechbooks.org/k12handbook>
- Kimmons, R. (2019). *EdTech in the Wild*. EdTech Books. <https://edtechbooks.org/wild>
- Belikov, O., & Kimmons, R. (2018). Open educational resources. In R. Hobbs and P. Mihailidis (eds.), *The International Encyclopedia of Media Literacy*. Wiley-Blackwell.
- West, D. M., & Kimmons, R. (2018). Twitter in education. In R. Hobbs and P. Mihailidis (eds.), *The International Encyclopedia of Media Literacy*. Wiley-Blackwell.
- Belikov, O., & Kimmons, R. (2018). Can I use this? Developing open literacies or understanding the basics and implications of copyright, fair use, and open licensing for e-learning. In A. A. Piña, V. L. Lowell, & B. R. Harris (Eds.), *Leading and managing e-learning* (pp. 155-168). New York, NY: Springer.
- Kimmons, R., & Belikov, O. (2018). Cultural and social issues in using social media to support learning. In J. Voogt, G. Knezek, R. Christensen, & K. Wong, *Handbook of Information Technology in Primary and Secondary Education (2nd Edition)*. Springer.
- Kimmons, R., Harding, T., Harker, Z. M., & Staples, M. E. (2018). Overcoming challenges to K-12 teacher adoption of open educational resources in the U.S. In R. McGreal (Ed.), *OER<sup>2</sup>: Multiplying open educational resources for K-12 environments*. Athabasca University Press.
- Wilson, E., Richman, L. J., Kimmons, R., Atkins, H., & Estes, J. (2018, March). Preparing teacher candidates for transformative digital teaching and learning experiences: Case studies from teacher preparation programs. In *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1776-1781). Association for the Advancement of Computing in Education (AACE).

- Belikov, O., & Kimmons, R. (2017). Scholarly identity in an increasingly open and digitally connected world. In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology*, Fourth Edition. Hershey, PA: IGI Global.
- Kimmons, R., & Gibbons, A. S. (2016). [Review of *Universal Design in Higher Education: From Principles to Practice (2nd Ed.)*]. *Educational Technology*, 56(1), 53-54. Englewood Cliffs, NJ: Educational Technology Publications.
- Kimmons, R., & Hall, C. (2016). Emerging technology integration models. In G. Veletsianos (Ed.), *Emergence and innovation in digital learning: Foundations and applications*. Edmonton, AB: Athabasca University Press.
- Liu, M., Horton, L., Kang, J., Kimmons, R., & Lee, J. (2016). Making learning fun: An investigation of using a ludic simulation for middle school space science. In B. Dubbels (ed.), *Transforming gaming and computer simulation technologies across industries*. IGI Global.
- Amador, J., Kimmons, R., Miller, B., Desjardins, C. D., Hall, C. (2015). Preparing preservice teachers to become self-reflective of their technology integration practices. In M. L. Niess & H. Gillow-Wiles (Eds.), *Handbook of Research on Teacher Education in the Digital Age* (pp. 81-107). Hershey, PA: IGI Global.
- Haruch, A., Hall, C., Kimmons, R. & Clark, B. (2015). Potential benefits and implications of active learning classrooms. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 1346-1347). Chesapeake, VA: AACE.
- Kimmons, R. (2015). Emergent forms of technology-influenced scholarship. In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology*, Third Edition (pp. 2481-2488). Hershey, PA: IGI Global.
- Kimmons, R. (2015). Games and transformational play. In M. Spector (Ed.), *The SAGE Encyclopedia of Educational Technology* (pp. 302-304). Thousand Oaks, CA: SAGE.
- Haruch, A., & Kimmons, R. (2014). Teaching with technology: A report on efforts with University of Idaho faculty. Moscow, ID: Doceo Center for Innovation + Learning, University of Idaho.
- Kimmons, R. (2014a). *2013-14 report: Guiding technology integration in the State of Idaho*. Moscow, ID: Doceo Center for Innovation + Learning, University of Idaho.
- Kimmons, R. (2014c). *K-12 web systems: A descriptive web-crawling report on Idaho schools*. Moscow, ID: Doceo Center for Innovation + Learning, University of Idaho.
- Liu, M., Horton, L., Kang, J., Kimmons, R. & Lee, J. (2014). Making learning fun through a ludic simulation. In T. J. Bastiaens & G. Marks (Eds.), *Education and Information Technology Annual - 2014: A Selection of AACE Award Papers*. AACE.
- Kimmons, R. (2013). 1-to-1 evidence: Evaluation guidelines for schools, districts, & leaders. Moscow, ID: Doceo Center for Innovation + Learning, University of Idaho.
- Liu, M., Horton, L., Kang, J., Kimmons, R. & Lee, J. (2013). Making learning fun through a ludic simulation. In J. Herrington et al. (Eds.), *Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2013* (p. 2535). Chesapeake, VA: AACE.
- Kimmons, R., Liu, M., Kang, J., & Santana, L. (2012). Attitude, achievement, and gender in a middle school science-based ludic simulation for learning. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 1891-1898). Chesapeake, VA: AACE.
- Read, M., & Kimmons, R. (2012). iPads as mobile IWBs. In P. Resta (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2012* (pp. 3036-3038). Chesapeake, VA: AACE.
- Horton, L., Liu, M., Kimmons, R., Rosenblum, J., Anderson, M., Toprac, P., & Lee, J. (2010). An enabling architecture for conducting design-based research. In J. Sanchez & K. Jang (Eds.),

- Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2010 (pp. 3356-3366). Chesapeake, VA: AACE.
- Kimmons, R. (2010a). Digital play, ludology, and the future of educational games. In J. Sanchez & K. Jang (Eds.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010 (pp. 171-179). Chesapeake, VA: AACE.
- Kimmons, R. (2010b). What does open collaboration on Wikipedia really look like?. In J. Sanchez & K. Jang (Eds.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010 (pp. 180-184). Chesapeake, VA: AACE.
- Liu, M., Horton, L., Kimmons, R., Anderson, M., Lee, J., Rosenblum, J., Toprac, P., Li, Y., & Sung, W. (2010). The design and development of a media rich learning environment: A learners-as-designers model. In J. Sanchez & K. Jang (Eds.), Proceedings of World Conference on Educational Multimedia, Hypermedia and Telecommunications 2010 (pp. 213-222). Chesapeake, VA: AACE.
- Veletsianos, G., & Kimmons, R. (2010). Networked participatory scholarship: Socio-cultural & techno-cultural pressures on scholarly practice. In J. Sanchez & K. Jang (Eds.), Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2010 (pp. 2260-2267). Chesapeake, VA: AACE.

### **Presentations**

- Kimmons, R. (2021). "K-12 Technology integration and the post-pandemic new normal." Keynote delivered at the Purdue Learning Design and Technology Awards.
- Kimmons, R. (2020). EdTech Books: Improving open textbook publishing, quality, and accessibility. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2020.
- Kimmons, R. (2020). Open textbook analytics for continuous improvement and design research. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2020.
- Kimmons, R. (2019). Create an open textbook on EdTechBooks.org. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2019, Las Vegas, NV.
- Kimmons, R. (2019). EdTech Books: Making the best open textbook publishing platform on the Web. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2019, Las Vegas, NV.
- Kimmons, R. (2019). How accessible are U.S. K-12 school websites and how must they improve? Presented at the Association for Educational Communications and Technology International Convention (AECT) 2019, Las Vegas, NV.
- Kimmons, R., & Jackson, B. (2019). EdTech Books: An easy, accessible open textbook platform. Presented at the Open Education Conference (OpenEd) 2019, Phoenix, AZ.
- Kimmons, R., Englund, J., Resig, J., Maddrell, J., Moore, C., North, C., & Tolzmann, E. (2019). Evaluating open educational resources: Results of a collaborative evaluation of crowd-sourced lesson plans. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2019, Las Vegas, NV.
- Kimmons, R., Graham, C., & West, R. (2018). The PICRAT Model of Technology Integration in Teacher Preparation. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2018, Kansas City, MO. [ETR&D Young Scholars Award Presentation]
- Harding, T., Harker, Z., Kimmons, R., Staples, M. E., Clements, K., & Short, C. R. (2018). Speaking out on Twitter: Understanding teachers' expressed sociopolitical sentiments to improve policymaking.



- Presented at the Association for Educational Communications and Technology International Convention (AECT) 2018, Kansas City, MO.
- Belikov, O., Johnson, N., Veletsianos, G., & Kimmons, R. (2018). Scholars' temporal participation on, temporary disengagement from, and return to Twitter. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2018, Kansas City, MO.
- Short, C. R., Clements, K., Staples, M. E., Kimmons, R., Harding, T., & Harker, Z. (2018). Where personal meets professional: Analyzing teacher expression and sharing on Twitter from a massive dataset. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2018, Kansas City, MO.
- Wasden, R. E., Meier, A., Kimmons, R., Richards, R., & Williams, D. P. (2018). Student perceptions of usability and international applicability of an open-access nutrition textbook for a general college nutrition course. Poster presented at Utah Academy of Nutrition and Dietetics Annual Conference, Murray, UT.
- Wilson, E. K., Richman, L. J., Kimmons, R., Atkins, H. S., & Estes, J. S. (2018). Preparing teacher candidates for transformative digital teaching and learning experiences: Case studies from teacher preparation programs. Presented at Society for Information Technology & Teacher Education International Conference, Washington, D.C.
- Belikov, O., & Kimmons, R. (2017). Cultural and social issues in using social media to support learning. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2017, Jacksonville, FL.
- Hunsaker, E., & Kimmons, R. (2017). Web 2.0 across the U.S.: A nationwide landscape study of K-12 web system adoption. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2017, Jacksonville, FL.
- Kimmons, R. (2017). Combating tribalism and navigating paradigms in educational technology research. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2017, Jacksonville, FL. (Competitively selected as a High Impact Talk.)
- Kimmons, R. (2017). Graduate student assembly - Fireside chat. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2017, Jacksonville, FL.
- Kimmons, R. (2017). PICRAT: Teaching critical thinking in technology integration. Presented to Oral Roberts University Faculty, Tulsa, OK.
- Kimmons, R. (2017). PICRAT: Teaching critical thinking in technology integration. Presented to University of Minnesota Faculty, Minneapolis, MN.
- Kimmons, R. (2017). YouTube video mashups for artistic expression and scientific reporting. Presented at WSU Arts Integration Conference (WSUAI), Ogden, UT.
- Paskevicius, M., Veletsianos, G., & Kimmons, R. (2017). An analysis of how the Twitter discourse surrounding open education unfolded from 2009 to 2016. Presented at the World Conference on Online Learning: Teaching in a Digital Age - Re-Thinking Teaching & Learning (2017), Toronto, CA.
- Austin, M., Gregson, M., Jones, E., McGuire, K., Stauffer, M., & Kimmons, R. (2016). Understanding religious identity through Twitter behavior patterns. Presented at McKay School of Education Mentored Research Conference.
- Kimmons, R. (2016). Exploring the 4 C's through social media. Presented at Learning Edge Conference, Provo, UT.
- Kimmons, R. (2016). Open textbook quality and adaptation in K-12. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2016, Las Vegas, NV.

- Kimmons, R. (2016). Open to all? University website accessible design across the U.S. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2016, Las Vegas, NV.
- Kimmons, R. (2016). PICRAT: Thinking critically with technology. Presented at a special invited session by USDOE and AACTE, Washington, DC.
- Kimmons, R. (2016). Student voice in textbook evaluation: Comparing open and restricted textbooks. Presented at the Open Education Conference (OpenEd) 2016, Richmond, VA.
- Kimmons, R. (2016). The liberating new world of open educational resources (OER): Copyright, fair use, and open licensing. Presented to Classroom 2.0 LIVE.
- Kimmons, R. (2016). Video mashups for sharing artistic and scientific works. Presented at WSU Arts Integration Conference (WSUAI), Ogden, UT.
- Kimmons, R., McGuire, K., Stauffer, M., Jones, E., Gregson, M., & Austin, M. (2016). Understanding LDS Twitter use. Presented at the annual Instructional Design and Learning Community (IDLC) Conference. Salt Lake City, UT.
- Lloyd, A., Woodward, S., & Kimmons, R. (2016). Student voice in textbook evaluation: Comparing open and restricted textbooks. Presented at McKay School of Education Mentored Research Conference.
- Nyland, R., Greenhalgh, S., Rosenberg, J., Koehler, M., Veletsianos, G., & Kimmons, R. (2016). Public data mining methods, ethics, & legalities. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2016, Las Vegas, NV.
- Veletsianos, G., & Kimmons, R. (2016). Education scholars on Twitter. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2016, Las Vegas, NV. (Competitively selected as a Featured Research presentation.)
- Veletsianos, G., Kimmons, R., & Shaw, A. (2016). Successful, sunny, and shining: The misleading ways that student life and faculty are represented through Canadian university Twitter accounts. Presented at Canadian Society for the Study of Higher Education (CSSHE), Calgary, AB.
- Woodward, S., Kimmons, R., & Veletsianos, G. (2016). U.S. universities on Twitter. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2016, Las Vegas, NV.
- Haruch, A., Hall, C., Clark, B., Kimmons, R. (2015). Potential benefits and implications of active learning classrooms. Presented at Society for Information Technology & Teacher Education (SITE), Las Vegas, NV.
- Haruch, A., Kimmons, R., Clark, B., Hall, C. (2015). Hacking cost barriers to technology integration. Presented at Northwest Council for Computer Education (NCCE), Portland, OR.
- Kellerer, E., Kimmons, R., Hall, C., Russell, G., & Ackley, A. (2015). The great, the less great, and the not-so-great of school-wide technology integration. Presented at Northwest Council for Computer Education (NCCE), Portland, OR.
- Kimmons, R. (2015). Barriers to openness in K-12: Effects of district size and wealth on open-source software adoption. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2015, Indianapolis, IN.
- Kimmons, R. (2015). Expansive openness in K-12 teacher practice. Presented at the Open Education Conference (OpenEd) 2015, Vancouver, BC.
- Kimmons, R. (2015). Expansive openness: Why reducing cost is not enough for realizing the full benefits of OER. Presented at Openness, Digital Learning & Networked Scholarship Symposium 2015, Royal Roads University, Victoria, BC.
- Kimmons, R., & Hall, C. Theories that work: Pre-service and practicing teacher evaluations of technology integration models. Presented at the Association for Educational Communications and

- Technology International Convention (AECT) 2015, Indianapolis, IN. (Competitively selected as a Featured Research presentation.)
- Kimmons, R., Clark, B., & Lim, M. (2015). Which one is the "digital native?" Understanding student and teacher web usage patterns. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2015, Indianapolis, IN.
- Hall, C., & Kimmons, R. (2014). Google apps and accessibility. Presented at Idaho Google Apps for Education Festival - North (iGAFE) 2014, Post Falls, ID.
- Hall, C., Clark, B., Kimmons, R., & Haruch, A. (2014). Viewing the student perspective through Google Glass. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2014, Jacksonville, FL.
- Hall, C., Kimmons, R., & Mantle-Bromley, C. (2014). Evaluating technology integration models for teacher education, research, and practice. Presented at the Oxford Education Research Symposium 2014, Oxford, UK.
- Haruch, A., Clark, B., Kimmons, R., and Hall, C. (2014). Introduction to Google hardware: Chromebooks, Chromecasts, and Glass. Presented at Idaho Google Apps for Education Festival - North (iGAFE) 2014, Post Falls, ID.
- Kimmons, R. (2014). Collection and analysis of web browser history and bookmark data for supporting innovative research. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2014, Jacksonville, FL.
- Kimmons, R. (2014). K-12 web crawling: A novel approach to understanding statewide patterns of adoption. Presented at the Association for Educational Communications and Technology International Convention (AECT) 2014, Jacksonville, FL.
- Kimmons, R., & Mantle-Bromley, C. (2014). Exploring the unique and disruptive case of licensure requirements for technology competency. Presented at annual conference of National Association of State Directors of Teacher Education and Certification (NASDTEC) 2014, Kansas City, MO.
- Kimmons, R., & Veletsianos, G. (2014). The fragmented educator: Social networking sites and acceptable identity fragments. Presented at annual conference of American Educational Research Association (AERA) 2014, Philadelphia, PA.
- Kimmons, R., Clark, B., & Hall, C. (2014). Design and development of an innovative learning space for improved pedagogy in higher education. Presented at University Business National Summit on Technology & Leadership in Higher Education (UBTech) 2014, Las Vegas, NV.
- Kimmons, R., Haruch, A., Hall, C., & Clark, B. (2014). A grassroots approach to supporting OER literacy development with rural teachers. Presented at the Annual Open Education Conference (OpenEd) 2014, Washington, D.C.
- Veletsianos, G., Gruzd, A., Kimmons, R., Greenhow, C., & Stewart, B. (2014). Networked participatory scholarship: Empirical perspectives on scholars use of social media. Presented at Social Media & Society (SM&S) 2014, Toronto, CA.
- Kimmons, R., & Veletsianos, G. (2013). Teacher professionalization in the age of social networking sites. Presented at annual conference of Association for Educational Communications and Technology International (AECT) 2013, Anaheim, CA.
- Liu, M., Horton, L., Kang, J., Kimmons, R. & Lee, J. (2013). Making learning fun through a ludic simulation. Presented at the World Conference on Educational Multimedia, Hypermedia and Telecommunications (Ed-Media) 2013 (p. 2535). Chesapeake, VA: AACE.
- Veletsianos, G., Kimmons, R., & French, K. (2013). Instructor experiences with a social networking site in a formal education setting: Expectations, frustrations, appropriation, and compartmentalization. Presented at American Educational Research Association Annual Meeting (AERA) 2013, San Francisco, CA.

- Kimmons, R. (2012). Social networking sites, literacy, and the authentic identity problem. Presented at annual conference of Association for Educational Communications and Technology (AECT) 2012, Louisville, KY.
- Kimmons, R., & Veletsianos, G. (2012). What is it like for faculty members to participate in online social networks? Presented at annual conference of American Educational Research Association Annual Meeting (AERA) 2012, Vancouver, BC.
- Kimmons, R., Liu, M., Kang, J., Santana, L. (2012). Attitude, achievement, and gender in a middle school science-based ludic simulation for learning. Presented at Society for Information Technology & Teacher Education (SITTE), Austin, TX.
- Read, M., & Kimmons, R. (2012). iPads as mobile IWBs. Presented at Society for Information Technology & Teacher Education (SITTE), Austin, TX.
- Horton, L., Anderson, M., Kimmons, R., Rosenblum, J., & Lee, J. (2011). A design-based research collaborative: Reiterative approaches to the design, implementation, and evaluation of interactive learning environments. Roundtable conducted at American Educational Research Association Annual Meeting (AERA) 2011, New Orleans, LA.
- Kimmons, R. (2011). Atomic Studio: Toward channeling cognitive surplus for open education. Presented at Open Education Conference (OpenEd) 2011, Park City, UT.
- Kimmons, R. (2011). On the reasonableness of TPACK as an implementation and evaluation framework. Presented at annual conference of Association for Educational Communications and Technology International Conference (AECT) 2011, Jacksonville, FL.
- Schallert, D., French, K., & Kimmons, R. (2011). Why ask, "What's a case?" Codesigning video-case learning tools in the YouTube era. Roundtable conducted at American Educational Research Association Annual Meeting (AERA) 2011, New Orleans, LA.
- Veletsianos, G., & Kimmons, R. (2011). Does researcher participation in online networks democratize knowledge production and dissemination? Presented at Open Education Conference (OpenEd) 2011, Park City, UT.
- Veletsianos, G., & Kimmons, R. (2011). What do we know about scholars' and researchers' participation in online networks? Presented at annual conference of Association for Educational Communications and Technology International Conference (AECT) 2011, Jacksonville, FL.
- French, K., & Kimmons, R. (2010). Teaching 21st century skills and addressing academic standards through storytelling. Presented at College and Career Readiness Initiative Symposium (CCRI) 2010, Austin, TX.
- Horton, L., Liu, M., Kimmons, R., Rosenblum, J., Anderson, M., Toprac, P., & Lee, J. (2010). An enabling architecture for conducting design-based research. Presented at the World Conference on Educational Multimedia, Hypermedia and Telecommunications (Ed-Media) 2010, Toronto, CA.
- Kimmons, R. (2010). Approximating TPACK in teacher preparation: A three-pronged approach to effective technology integration. Presented at the Consortium for Research in Teacher Education Symposium (CRTE) 2010, Austin, TX.
- Kimmons, R. (2010). Digital play, ludology, and the future of educational games. Presented at the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (E-Learn) 2010, Orlando, FL.
- Kimmons, R. (2010). What does open collaboration on Wikipedia really look like? Presented at the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (E-Learn) 2010, Orlando, FL.
- Liu, M., Horton, L., Kimmons, R., Anderson, M., Lee, J., Rosenblum, J., Toprac, P., Li, Y., & Sung, W. (2010). The design and development of a media rich learning environment: A learners-as-designers model. Presented at the World Conference on Educational Multimedia, Hypermedia and Telecommunications (Ed-Media) 2010, Toronto, CA.

Veletsianos, G., & Kimmons, R. (2010). Networked participatory scholarship: Socio-cultural & techno-cultural pressures on scholarly practice. Presented at the World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education (E-Learn) 2010, Orlando, FL.

### **Grants, Fellowships, and Scholarships**

<b>McKay School of Education (MSE) Research Practice Partnership Grant</b> Brigham Young University, McKay School of Education Provo, UT	<b>2021</b>
<b>McKay School of Education (MSE) Experiential Learning Grant, \$40,595</b> Brigham Young University, McKay School of Education Provo, UT	<b>2019</b>
<b>Insight Grant, \$145,635</b> Social Sciences and Humanities Research Council of Canada Victoria, BC	<b>2017</b>
<b>Digital Learning and Social Media Research Group, ~\$8,000</b> Canada Research Chairs Program	<b>2016</b>
<b>McKay School of Education (MSE) Experiential Learning Grant, \$10,850</b> Brigham Young University, McKay School of Education Provo, UT	<b>2016</b>
<b>Religious Studies Center (RSC) Research Grant Recipient, \$5,400</b> Brigham Young University, Religious Studies Center Provo, UT	<b>2016</b>
<b>Open Educational Resource (OER) Research Fellow, \$5,000</b> Open Education Group: Socially responsive research that concretely improves society	<b>2015</b>
<b>Rural Teacher Induction Pilot Planning, \$20,000</b> J.A. & Kathryn Albertson Foundation University of Idaho, Moscow, ID and Northwest Nazarene University, Nampa, ID	<b>2014</b>
<b>Early Career Symposium Participant, \$1,000</b> Association for Educational Communications & Technology / National Science Foundation Jacksonville, FL	<b>2014</b>
<b>Interactive Displays for Flipped Middle Level Instruction, \$180,000</b> Idaho State Department of Education Moscow Middle School, Moscow, ID	<b>2013</b>
<b>Disney Research Learning Challenge Finalist, \$1,500</b> SIGGRAPH 2010, Los Angeles, CA	<b>2010</b>
<b>Preemptive Graduate Student Fellowship, \$28,000</b> The University of Texas at Austin - Graduate School, Austin, TX	<b>2008</b>

## **Professional Service and Outreach**

### **University Service**

- Faculty Adviser, Instructional Technology & Psychology Student Organization (IPTSO) at Brigham Young University (2016 - 2019)
- Departmental Representative, Harold B. Lee Library Journal Selection (2016 - 2018)
- Member, Educator Preparation Program (EPP) Technology Course Revision Committee (2015 - 2018)
- Member, IP&T Undergraduate Service Course Committee (2015 - 2018)
- Chair, College of Education Technology Committee, University of Idaho (2014 - 2015)
- Member, College of Education Technology Committee, University of Idaho (2013 - 2014)
- Member, College of Education Technology Committee, University of Idaho (2013 - 2015)
- Member, Design Team for University of Idaho College of Education building renovation (2013 - 2015)

### **Professional Service**

- President-elect, AECT Research and Theory Division (AECT RTD, 2021)
- Mentor, AECT Early Career Symposium (2021)
- Production Editor, The Journal of Applied Instructional Design (JAID, 2020 - present)
- Editorial Board, Educational Technology Research & Development (ETRD; 2019 - present)
- Reviewer, AERA TACTL SIG Best Paper Award (2017)
- Reviewer, British Journal of Educational Technology (BJET; 2016 - 2020)
- Reviewer, Educational Technology Research & Development (ETRD; 2016 - present)
- Reviewer, The Internet and Higher Education (IHE; 2016 - 2020)
- Reviewer, The International Review of Research in Open and Distributed Learning (IRRODL; 2012 - 2020)
- Reviewer, Journal of Computer Assisted Learning (JCAL; 2016)
- Reviewer, Educational Policy (EP; 2016)
- Workshop Leader, Weber State University Arts Integration Conference (2016-present)
- Reviewer, Computers & Education (C&E; 2011 - 2015)
- Reviewer, the Association for Educational Communications and Technology's (AECT) annual convention (2013 - 2015)
- Reviewer, International Journal of Communication (IJC; 2015)
- Reviewer, Education and Information Technologies (EIT; 2015)
- Reviewer, Educational Media International special issue on MOOCs and Learners' Experiences (EMI; 2015)
- Facilitator, Research and Theory Division (RTD) of Association for Educational Communications and Technology (AECT) (2015)
- Facilitator, School Media & Technology Division (SMT) of Association for Educational Communications and Technology (AECT) (2015)
- Member at Large, Research and Theory Division (RTD) of Association for Educational Communications and Technology (AECT) (2013 - 2014)
- Reviewer, AECT's Outstanding Journal Article Award (2014)
- Reviewer, European Physical Journal (EPJ) Data Science (2014)
- Reviewer, Idaho State Board of Education's Idaho Technology Pilot Program (ITPP) Grant (2013-2014)
- Reviewer, the Encyclopedia of Information Science and Technology (2013)

### Other Service

- Developer & Maintainer of [EdTechBooks.org](http://EdTechBooks.org), [EquityPress.org](http://EquityPress.org), [books.byui.edu](http://books.byui.edu), and [open.byu.edu](http://open.byu.edu), open textbook publishing and distribution platforms
- Board Member, Mountain Heights Academy (2019 - present)
- Chair & Member, Provo eSchool Community Council (2016 - 2019)
- Directed deployment of 1,000+ devices (e.g., laptops, tablets) to K-12 schools for research (Doceo Center, 2013-2015)
- Directed the teaching of 135+ professional development sessions with schools, impacting 2,000+ educators (Doceo Center, 2013-2015)
- Provided consulting and technology integration support to numerous K-12 schools (Doceo Center, 2013-2015)
- Distributed scholarships for 50+ educators to attend the first Idaho Google Apps Festival (Doceo Center, 2014)
- Planned and conducted week-long video game development “Boot Camp” for seventh and eighth grade students (EagleRidge High School; 2008)

### Professional Memberships

- Association for Educational Communications and Technology (AECT)
- American Educational Research Association (AERA)

### Relevant Media and Acknowledgements

Warnick, M. M. (2021). “How to win @ online learning.” *Y Magazine*.

<https://magazine.byu.edu/article/online-learning/>

National Institute for Digital Learning. (2021). “Good reads from 2020: Our NIDL top 10 journal articles.” *NIDL Blog*.

<https://nidl.blog/2021/01/08/good-reads-from-2020-our-nidl-top-10-journal-articles/> (My article was ranked #3 in this list.)

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