Charles R. Graham

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Education

Indiana University, Bloomington, IN
Ph.D. Instructional Systems Technology, *Aug 2002*

> Dissertation Title: Understanding and facilitating computer-mediated teamwork: A study of how norms develop in online learning teams

University of Illinois, Urbana, IL
M.S., Electrical and Computer Engineering, *Aug 1997*

> M.S. Thesis: Enhancing learning environments using the Java programming language

Brigham Young University, Provo, UT
B.S., Electrical and Computer Engineering, *Dec 1994*

> Honors Thesis: Adaptive scan algorithms for a self-scanning tactile sensor

Employment

Department Chair,
Instructional Psychology & Technology, Brigham Young University (2014–present)

Associate Dean,
David O. McKay School of Education, Brigham Young University (2010–2014)

Professor,
Brigham Young University (2013–present)

Associate Professor,
Brigham Young University (2008–2013)

Assistant Professor,
Brigham Young University (2002–2008)

Scholarship

Prepublication versions of manuscripts
https://byu.academia.edu/CharlesRGraham

Journal Articles (bold=mentored student researcher**)**

Borup, J., Graham, C. R., West, R. E., Archambault, L., & **Spring, K.** (2020, in press). Academic Communities of Engagement: An expansive lens for examining support structures in blended and online learning. *Educational Technology Research & Development*.

Kimmons, R., Graham, C. R., & West, R. E. (2020, in press). The PICRAT model for technology integration in teacher preparation. *Contemporary Issues in Technology & Teacher Education*.

Lim, C. P., & Graham, C. R. (2020, in press). *Blended learning for quality access in Asian universities*. Springer.

Arnesen, K. T., Graham, Charles, R., **Short, C. R., & Archibald, D.** (2020, in press). Experiences with personalized learning in a blended teaching course for preservice teachers. *Journal of Online Learning Research*.

Graham, C. R., Borup, J., **Pulham, E. B.,** & Larsen, R. (2019). K-12 blended teaching readiness: Model and instrument development. *Journal of Research on Technology in Education*. *51*(3), 239–258. https://doi.org/10.1080/15391523.2019.1586601

Turley, C., & Graham, C. R. (2019). Interaction, student satisfaction, and teacher time investment in online high school courses. *Journal of Online Learning Research*, *5*(2), 169–198.

Halverson, L. R., Halverson, L. R., & Graham, C. R. (2019). Learner engagement in blended learning environments: A conceptual framework. *Online Learning*, *23*(2), 145–178. https://doi.org/10.24059/olj.v23i2.1481

Thomas, J. E., & Graham, C. R. (2019). Online teaching competencies in observational rubrics: What are institutions evaluating? *Distance Education*, 40(1), 114-132. http://doi.org/https://doi.org/10.1080/01587919.2018.1553564

Thomas, J. E., Graham, C. R., & Pina, A. A. (2018). Current practices of online instructor evaluation in higher education. *Online Journal of Distance Learning Administration*, *21*(2). Retrieved from https://www.westga.edu/~distance/ojdla/summer212/thomas_graham_pina212.html

Pulham, E. B., & Graham, C. R. (2018). Comparing k-12 online and blended teaching competencies: A literature review. *Distance Education*, 39(3), 411-432. http://doi.org/10.1080/01587919.2018.1476840

Pulham, E., Graham, C. R., & **Short, C. R.** (2018). Generic vs. modality-specific competencies for k-12 online and blended teaching. *Journal of Online Learning Research*, *4*(1), 33–52. Retrieved from https://www.learntechlib.org/j/JOLR/v/4/n/1/

Bodily, R., Ikahihifo, T. B., Mackley, B., & Graham, C. R. (2018). The design, development, and implementation of student-facing learning analytics dashboards. *Journal of Computing in Higher Education*, 30(3), 572-598. http://doi.org/10.1007/s12528-018-9186-0

Dziuban, C., Graham, C. R., Moskal, P., Norberg, A., & Sicilia, N. (2018). Blended learning: The new normal and emerging technologies. *International Journal of Educational Technology in Higher Education*, *15*(3). http://doi.org/10.1186/s41239-017-0087-5

Henrie, C. R., Bodily, R., Larsen, R., & Graham, C. R. (2018). Exploring the potential of LMS log data as a proxy measure of student engagement. *Journal of Computing in Higher Education*, 30(2), 344-362.

Oviatt, D., Graham, C. R., Borup, J., & Davies, R. S. (2018). Online student use of a proximate community of engagement at an independent study program. *Online Learning*, *22*(1), 223–251. http://doi.org/10.24059/olj.v22i1.1153

Thomas, J. E., & Graham, C. R. (2017). Common practices for evaluating post-secondary online instructors. *Online Journal of Distance Learning Administration*, *20*(4). Retrieved from https://www.westga.edu/~distance/ojdla/winter204/thomas_graham204.html

Manwaring, K. C., Larsen, R., Graham, C. R., **Henrie, C. R., & Halverson, L. R.** (2017). Investigating student engagement in blended learning settings using experience sampling and structural equation modeling. *Internet and Higher* Education, 35, 21–33. doi:10.1016/j.iheduc.2017.06.002

Spring, K. J., & Graham, C. R. (2017). Thematic patterns in international blended learning literature, research, practices, and terminology. *Online Learning*, *21*(4), 337–361. http://doi.org/10.24059/olj.v21i4.998

Bodily, R. G., Graham, C. R., & Bush, M. D. (2017). Online learner engagement: Opportunities and challenges with using data analytics. *Educational Technology*, *57*(1), 10–18.

Oviatt, D., Graham, C. R., Borup, J., & Davies, R. S. (2016). Online student perceptions of the need for a proximate community of engagement at an independent study program. *Journal of Online Learning Research*, *2*(4), 333–365.

McAllister, L., & Graham, C. R. (2016). An analysis of the curriculum requirements for k-12 online teaching endorsements in the U.S. *Journal of Online Learning Research*, 2(3), 247–282.

Spring, K. J., & Graham, C. R. (2016). Blended learning citation patterns and publication across seven worldwide regions. *Australasian Journal of Educational Technology*, *33*(2), 24–50. http://doi.org/10.14742/ajet.2632

Porter, W. W., Graham, C. R., **Bodily, R., & Sandberg, D**. (2016). A qualitative analysis of institutional drivers and barriers to blended learning adoption in higher education. *Internet and Higher Education*, *28*(1), 17–27. doi:10.1016/j.iheduc.2015.08.003

Spring, K. J., Graham, C. R., & **Hadlock, C.** (2016). The current landscape of international blended learning. *International Journal of Technology Enhanced Learning*, *8*(1), 84–102. doi:10.1504/IJTEL.2016.075961

Drysdale, J. S., Graham, C. R., & **Borup, J.** (2016). Teacher and student perspectives on facilitating a sense of community through an online high school's "shepherding" program. *International Journal on E-Learning*, *15*(2), 149–178.

Porter, W. W., & Graham, C. R. (2016). Institutional drivers and barriers to faculty adoption of blended learning in higher education. *British Journal of Educational Technology*, *47*(4), 748–762. doi:10.1111/bjet.12269

Henrie, C. R., Halverson, L. R., & Graham, C. R. (2015). Measuring student engagement in

technology-mediated learning: A review. *Computers & Education*, *90*, 36–53. doi:10.1016/j.compedu.2015.09.005

Henrie, C. R., Bodily, R., Manwaring, K. C., & Graham, C. R. (2015). Exploring intensive longitudinal measures of student engagement in blended learning. *International Review of Research in Open and Distributed Learning*, 16(3), 131–155. Retrieved from http://www.irrodl.org/index.php/irrodl/article/view/2015/3386

Borup, J., West, R. E., **Thomas, R. A.,** & Graham, C. R. (2014). Examining the impact of video feedback on instructor social presence in blended courses. *International Review of Research in Open and Distance Learning*, 15(3), 232–256. Retrieved from http://www.irrodl.org/index.php/irrodl/article/view/1821

Porter, W. W., Graham, C. R., **Spring, K. A.**, & **Welch, K. R.** (2014). Blended learning in higher education: Institutional adoption and implementation. *Computers & Education*, 75, 185–195. doi:10.1016/j.compedu.2014.02.011

Drysdale, J. S., Graham, C. R., & **Borup, J.** (2014). An online high school "shepherding" program: Teacher roles and experiences mentoring online students. *Journal of Technology and Teacher Education*, 22(1), 9-32.

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Halverson, L. R., Graham, C. R., **Spring, K. J., Drysdale, J. S.,** & **Henrie, C. R.** (2014). A thematic analysis of the most highly cited scholarship in the first decade of blended learning research. *Internet and Higher Education*, 20, 20–34. doi:10.1016/j.iheduc.2013.09.004

Borup, J., West, R. E., & Graham, C. R. (2013). The influence of asynchronous video communication on learner social presence: A narrative analysis of four cases. *Distance Education*, 34(1), 48–63. doi:10.1080/01587919.2013.770427

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Velasquez, A., West, R. E., Graham, C. R., & Osguthorpe, R. D. (2013). Developing caring relationships in schools: A review of the research on caring and nurturing pedagogies. *Review of Education*, 1(2), 162–190. doi:10.1002/rev3.3014

Hawkins, A., Graham, C. R., Sudweeks, R. R., & Barbour, M. K. (2013). Academic performance, course completion rates, and student perception of the quality and frequency of interaction in a virtual high school. *Distance Education*, 34(1), 64–83. doi:10.1080/01587919.2013.770430

Velasquez, A., Graham, C. R., & Osguthorpe, R. D. (2013). Caring in a technology-mediated online high school context. *Distance Education*, 34(1), 97–118. doi:10.1080/01587919.2013.770435

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Borup, J., Graham, C. R., & Davies, R. S. (2013). The nature of parental interactions in an online charter school. *American Journal of Distance Education*, 27(1), 40–55.

doi:10.1080/08923647.2013.754271

Graham, C. R., **Woodfield, W., & Harrison, J. B.** (2013). A framework for institutional adoption and implementation of blended learning in higher education. *Internet and Higher Education,* 18, 4-14. doi:10.1016/j.iheduc.2012.09.003

Borup, J., Graham, C. R., & Davies, R. S. (2013). The nature of adolescent learner interaction in a virtual high school setting. *Journal of Computer Assisted Learning*, 29, 153–167. doi:10.1111/j.1365-2729.2012.00479.x

Halverson, L. R., Graham, C. R., **Spring, K. J.,** & **Drysdale, J. S.** (2012). An analysis of high impact scholarship and publication trends in blended learning. *Distance Education*, 33(3), 381–413. doi:10.1080/01587919.2012.723166

Borup, J., West, R. E., & Graham, C. R. (2012). Improving online social presence through asynchronous video. *Internet and Higher Education*. 15(3), 195-203. doi:10.1016/j.iheduc.2011.11.001

Graham, C. R., **Borup, J.**, & **Smith, N. B**. (2012). Using TPACK as a framework to understand teacher candidates' technology integration decisions. *Journal of Computer Assisted Learning*. 28(6), 530-546. doi:10.1111/j.1365-2729.2011.00472.x

Hawkins, A., Barbour, M. K., & Graham, C. R. (2012). Everybody is their own island: Teacher disconnection in a virtual school. *International Review of Research in Open and Distance Learning*. 13(2), 122-143.

Hawkins, A., Barbour, M. K., & Graham, C. R. (2011). Strictly business: Teacher perceptions of interaction in virtual schooling. *Journal of Distance Education*, 25(2). http://www.jofde.ca/index.php/jde/article/view/726/1241

Graham, C. R. (2011). Theoretical Considerations for Understanding Technological Pedagogical Content Knowledge (TPACK). *Computers & Education*, 57(2011), 1953-1969. doi:10.1016/j.compedu.2011.04.010

Graham, C. R., **Tripp, T**., & Wentworth, N. (2010). Assessing and improving technology integration skills for preservice teachers using the teacher work sample. *Journal of Educational Computing Research*, 41(1), 39-62.

Prusak, K., **Dye, B. R.**, Graham, C. R., & Graser, S. (2010). Reliability of pre-service physical education teachers' coding of teaching videos using Studiocode analysis software. *Journal of Technology and Teacher Education*. 18(1), 131-159.

Hilton, J. L., Graham, C. R., Rich, P., & Wiley, D. (2010). Using online technologies to extend a classroom to learners at a distance. *Distance Education*. 31(1), 77-92.

Griffiths, M. E., & Graham, C. R. (2010). Using asynchronous video to achieve instructor immediacy and closeness in online classes: Experiences from three cases. *International Journal on E-Learning*. 9(3), 325-340.

Graham, C. R., **Burgoyne, N.**, Cantrell, P., Smith, L., St. Clair, L., & Harris, R. (2009). TPACK development in science teaching: Measuring the TPACK confidence of inservice science teachers. *TechTrends*. 53(5), 70-79.

Cox, S., & Graham, C. R. (2009). Diagramming TPACK in practice: Using an elaborated model of the TPACK framework to analyze and depict teacher knowledge. *TechTrends*. 53(5), 60-69.

Griffiths, M. E., & Graham, C. R. (2009). The potential of asynchronous video in online education. *Distance Learning*, 6(2), 13-22.

Griffiths, M. E., & Graham, C. R. (2009). Patterns of user activity in the different features of the Blackboard CMS across all courses for an academic year at Brigham Young University.

MERLOT Journal of Online Learning and Teaching, 5(2), 285-292.

Laumakis, M., Graham, C. R., & Dziuban, C. (2009). The Sloan pillars and boundary objects as a framework for evaluating blended learning. *Journal of Asynchronous Learning Networks,* 13(1), 75-87.

McGowan, W. R., & Graham, C. R. (2009). Factors contributing to improved teaching performance. *Innovative Higher Education*, 34(3), 161-171.

Griffiths, M. E., & Graham, C. R. (2009). Using asynchronous video in online classes: Results from a pilot study. *International Journal of Instructional Technology & Distance Learning*, 6(3), 65-76.

Hanson, C. M., Graham, C. R., & Seawright, L. (2008). An evaluation of the effectiveness of the instructional methods used with a student response system at a large university. *Interactive Educational Multimedia*, 17, 29-47.

Wentworth, N., Graham, C. R., & **Tripp, T.** (2008). Development of teaching and technology integration: Focus on pedagogy. *Computers in the Schools*, 25(1/2), 64-80.

Ransom, W., Graham, C. R., & Mott, J. (2007). Faculty perceptions of cost versus impact of small and large-scale technology projects. *Educause Quarterly*, 30(4), 22-28.

Graham, C. R., **Tripp, T. R.,** Seawright, L., & **Joeckel, G. L.** (2007). Empowering or compelling reluctant participators using audience response systems. *Active Learning in Higher Education, 8*(3), 233-258.

Baron, M., & Graham, C. R. (2007). Identifying key factors in adoption of innovative practices. *International Journal of Instructional Technology and Distance Learning*, 4(9). Retrieved from http://itdl.org/Journal/Sep_07/article02.htm.

West, R. E., & Graham, C. R. (2007). Benefits and challenges of using live modeling to help preservice teachers transfer technology integration principles. *Journal of Computing in Teacher Education*, 23(4), 137-147.

Rogers, P. C., Graham, C. R., & Mayes, C. (2007). Cultural competence and instructional design: Exploration research into the delivery of online instruction cross-culturally. *Educational Technology Research and Development*, 55(2), 197-217.

West, R. E., Waddoups, G., **Kennedy, M.,** & Graham, C. R. (2007). Evaluating the impact from implementing a course management system [Electronic Version]. *International Journal of Instructional Technology and Distance Learning*, 4. Retrieved April 4, 2007 from http://www.itdl.org/Journal/Feb_07/article01.htm.

Thompson, K., Bickmore, B. R., Graham, C. R., & Yanchar, S. C. (2007). Earth science mini-lessons: A service-learning strategy for improving attitudes toward science of preservice elementary teachers. *Journal of Geoscience Education*, 55(3), 228-234.

West, R. E., Waddoups, G., & Graham, C. R. (2007). Understanding the experiences of instructors as they adopt a course management system. *Educational Technology Research and Development*, 55(1), 1-26.

West, R. E., Wright, G., Gabbitas, B., & Graham, C. R. (2006). Reflections from the introduction of blogs and RSS feeds into a preservice instructional technology course. *TechTrends*, 50(4), 54-60.

West, R. E., & Graham, C. R. (2005). Five powerful ways technology can enhance teaching and learning in higher education. *Educational Technology,* 45(3), 20-27.

Graham, C. R., **Culatta, R.,** Pratt, M., & **West, R.** (2004). Redesigning the teacher education technology course to emphasize integration. *Computers in the Schools*, 21(1/2), 127-148.

Osguthorpe, R. T., & Graham, C. R. (2003). Blended learning environments: Definitions and

directions. *Quarterly Review of Distance Education*, 4(3), 227-234.

Rogers, P. C., Graham, C. R., **Ure, D., Rasmussen, R.,** & Campbell, J. O. (2003). Blending face-to-face and distance learners in a synchronous class: Interactions and experiences. *Quarterly Review of Distance Education*, 4(3), 245-251.

Graham, C. R., Webb, K., Hawkins, C. L., & Harlan, D. (2003). Linking mentoring and electronic teaching portfolios for Utah educators. *Journal of UASCD Theories & practices in supervision and curriculum*, XIV, 59-66.

Graham, C. R. (2003). A model of norm development for computer-mediated teamwork. *Small Group Research*, 34(3), 322-352.

Graham, C. R. (2002). Factors for effective learning groups in face-to-face and virtual environments. *Quarterly Review of Distance Education*, 3(3), 307-319.

Cagiltay, K., Graham, C., Lim, B., Craner, J., & Duffy, T. (2001). The seven principles of good practice: A practical approach to evaluating online courses. *Journal of Education*, Education *Faculty of Hacettepe University*, Ankara, Turkey, 20(2), 40-50.

Graham, C., Cagiltay, K., Lim, B., Craner, J., & Duffy, T. (2001). Seven principles of effective teaching: A practical lens for evaluating online courses. *The Technology Source*, March/April issue. Retrieved March 1, 2005, from the World Wide Web: http://ts.mivu.org/default.asp?show=article&id=839.

Graham, C. R., & Trick, T. N. (1998). Java applets enhance learning in a freshman ECE course. *Journal of Engineering Education*, 87(4), 391-397.

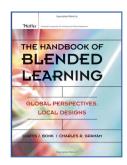## Book Chapters (**bold**=mentored student researcher**)**

Graham, C. R. (2019). Current research in blended learning. In M. G. Moore & W. C. Diehl (Eds.), *Handbook of distance education* (4th ed., pp. 173–188). New York, NY: Routledge.

Halverson, L. R., **Spring, K. J**., **Huyett, S., Henrie, C. R.,** & Graham, C. R. (2017). Blended learning research in higher education and k-12 settings. In J. M. Spector, B. B. Lockee, & M. D. Childress (Eds.), *Learning, Design, and Technology: An International Compendium of Theory, Research, Practice and Policy*. Springer International Publishing. http://doi.org/10.1007/978-3-319-17727-4_31-1

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Graham, C. R. (2016). Blended learning. In L. Meyer (Ed.), *Oxford Bibliographies in Education*. New York, NY: Oxford University Press.

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Johnson, M. C., & Graham, C. R. (2015). Current status and future directions of blended learning models. In M. Khosrow (Ed.), *Encyclopedia of Information Science and Technology* (3rd ed., pp. 2470–2480). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-5888-2.ch240

Graham, C. R., **Henrie, C. R.,** & Gibbons, A. S. (2014). Developing models and theory for blended learning research. In A. G. Picciano, C. D. Dziuban, & C. R. Graham (Eds.), *Blended learning: Research perspectives, Volume 2* (pp.13-33). New York, NY: Routledge.

Kaufman, T., Graham, C. R., Picciano, A. G., Wiley, D., & **Popham, J. A**. (2014). Data-driven decision making in the k12 classroom. In J. M. Spector, M. D. Merrill, J. Elen, & M. J. Bishop (Eds.), *Handbook of research on educational communications and technology* (4th ed., pp. 337–346). New York, NY: Springer.

Koehler, M. J., Mishra, P., Kereluik, K., Shin, T. S., & Graham, C. R. (2014). The technological pedagogical content knowledge (TPACK) framework. In J. M. Spector, M. D. Merrill, J. Elen, & M. J. Bishop (Eds.), *Handbook of research on educational communications and technology* (4th ed., pp. 101–111). New York, NY: Springer.

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Graham, C. R. (2013). Emerging practice and research in blended learning. In M. G. Moore (Ed.), *Handbook of distance education* (3rd ed., pp. 333-350). New York, NY: Routledge.

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Bichelmeyer, B. A., Misanchuk, M., Dueber, B., Sloffer, S., Graham, C. R., & Malopinsky, L. (2011). Doing team-based research on distance education: A system for managing collaborative inquiry. In G. J. Anglin (Ed.), Instructional technology: Past, present, and future (3rd ed., Vol. 3, pp. 281-293). Santa Barbara, CA: Libraries Unlimited.

Chan, P., Wilkinson, J., Graham, C. R., **Borup, J.,** & **Skeen, J.** (2011). Blended learning: Transforming teacher roles in 21st century education. In K. W. Loo & C. W. Yu (Eds.), 2010 Year Book of the Hong Kong Association for Computer Education (pp. 18-28). Hong Kong: Hong Kong Association for Computer Education Press.

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Williams, D. D., & Graham, C. R. (2010). Evaluating e-learning. In B. McGaw, E. Baker, & P. P. Peterson, (Eds.), *International Encyclopedia of Education* (3rd ed., pp. 530-538). Oxford, UK: Elsevier.

Wentworth, N., Graham, C. R., & Monroe, E. E. (2009). TPACK development in a teacher education program. In L. W. H. Tan & R. Subramaniam (Eds.), *Handbook of Research on New Media Literacy at the K-12 Level* (pp. 823-838). London, UK: IGI Global.

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Graham, C. R., Allen, S., & **Ure, D.** (2005). Benefits and challenges of blended learning environments. In M. Khosrow-Pour (Ed.), *Encyclopedia of Information Science and Technology* (pp. 253-259). Hershey, PA: Idea Group Inc.

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Graham, C. R., **Culatta, R.,** Pratt, M., & **West, R.** (2004). Redesigning the teacher education technology course to emphasize integration. In N. Wentworth & R. Earle & M. Connell (Eds.), *Integrating information technology into the teacher education curriculum: Process and products of change* (pp. 127-148). Binghamton, New York: Hayworth Press, Inc.

Graham, C. R., & Misanchuk, M. (2004). Computer-mediated teamwork: Benefits and challenges of using teamwork in online learning environments. In T. S. Roberts (Ed.), *Online collaborative learning: Theory and practice* (pp. 181-202). Hershey, PA: Idea Group, Inc.

Bonk, C. J., Fischler, R. B., & Graham, C. R. (2000). Getting smarter on the SmartWeb. In D. G. Brown, (Ed.), *Teaching with technology: Seventy-five professors from eight universities tell their stories* (pp. 200-205). Anker Publishing.
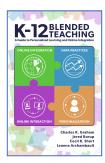
Books

Picciano, A. G., Dziuban, C. D., Graham, C. R., & Moskal, P. D. (Eds.). (under contract). *Blended learning: Research perspectives, Volume 3*. New York, NY: Routledge.

Lim, C. P., & Graham, C. R. (Eds.). (under contract). *Blended Learning for Quality Access in Asian Universities*. Springer.

Stein, J., & Graham, C. R. (under contract). *Essentials for blended learning: A standards-based guide* (2nd ed.). New York, NY: Routledge.

Graham, C. R., Borup, J., **Short, C. R.,** & Archambault, L. (2019). K-12 *blended teaching: A guide to personalized learning and online integration.* Provo, UT: EdTechBooks.org. Retrieved from http://edtechbooks.org/k12blended

Dziuban, C. D., Picciano, A. G., Graham, C. R., & Moskal, P. D. (2016). *Conducting Research in Online and Blended Learning Environments: New Pedagogical Frontiers*. Routledge. URL: http://www.routledge.com/books/details/9780415742474/

Picciano, A. G., Dziuban, C. D., & Graham, C. R. (Eds.). (2014). *Blended learning: Research perspectives, Volume 2*. New York, NY: Routledge. URL: http://www.amazon.com/Blended-Learning-Research-Perspectives-Volume/dp/041563251X/

Stein, J., & Graham, C. R. (2014). *Essentials for blended learning: A standards-based guide*. New York, NY: Routledge. URL: http://www.amazon.com/Essentials-Blended-Learning-Standards-Based-Online/dp/0415636167

Bonk, C. J., & Graham, C. R. (Eds.). (2006). *Handbook of blended learning: Global perspectives, local designs*. San Francisco, CA: Pfeiffer Publishing. URL: http://www.amazon.com/The-Handbook-Blended-Learning-Perspectives/dp/0787977586

Conference Presentations (*****=proceedings, **bold**=mentored student researcher)

Graham, C. R., Leary H., **Dopp, C., Farmer, T. S., Cheney, M.,** & **Simmons, Z.** (2019, October). Exploring perceptions of online teaching competencies in higher education. Association for Educational Communications and Technology (AECT) 2019 Annual International Conference. Las Vegas, NV.

Short, C. R., Graham, C. R., **Archibald, D.,** Borup, J., & Archambault, L. (2019, October). Preparation for K-12 Blended Teaching. Association for Educational Communications and Technology (AECT) 2019 Annual International Conference. Las Vegas, NV.

Short, C. R., Sabey, E., & Graham, C. R. (2019, October). K-12 blended teaching badges: Findings from a thematic analysis of blended teaching artifacts. Association for Educational Communications and Technology (AECT) 2019 Annual International Conference. Las Vegas, NV.

Short, C. R., Archibald, D., Graham, C. R., Borup, J., & Archambault, L. (2019, October). Findings from the research and development of K-12 leBnded Teaching: A Guide to Personalized Learning and Online Integration. Association for Educational Communications and Technology (AECT) 2019 Annual International Conference. Las Vegas, NV.

Short, C. R., Pulham, E., Jolly, J., Bateman, H., & Graham, C. R. (2019, October). A case analysis of institutions providing undergraduate coursework for K-12 online and blended teaching. Association for Educational Communications and Technology (AECT) 2019 Annual International Conference. Las Vegas, NV.

Brewer, C., **Bryan, J.**, Graham, C. R., & Damron, J. (2019, June). Nurturing a community of learners in blended university language courses. Presented at the International Association for Language Learning Technology, Eugene, OR.

Graham, C. R., Borup, J., **Short, C. R.,** & Larsen, R. (2019, March). K-12 blended teaching readiness: Instrument development. Presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Short, C. R., Archibald, D. & Graham, C. R. (2019, March). Competency-based k-12 blended teaching badges/micro-credentials. Presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Borup, J., Graham, C. R., and Archambault, L. (2019, March). Revisiting the Adolescent Community of Engagement framework. Round-table presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Short, C. R. & Graham, C. R. (2019, March). Preparing k-12 teachers for blended teaching: A competency-based approach. Presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Short, C. R., Archibald, D., Graham, C. R., Borup, J., & Archambault, L. (2019, March). Developing a practical guide to k-12 blended teaching. Presented at the Society for Information Technology & Teacher Education International Conference, Las Vegas, NV.

Pulham, E., Short, C. R., & Graham, C. R. (2018, March). Comparing competencies for teaching in online, blended, and technology integration contexts. Presented at the Society for Information Technology & Teacher Education International Conference, Washington D.C.

Graham, C. R., Borup, J., **Pulham, E.** & Larsen, R. (2018, March). Blended teaching readiness: Instrument development. Presented at the Society for Information Technology & Teacher Education International Conference, Washington D.C.

Halverson, L. R., & Graham, C. R. (2016, November). Conceptualizing learner engagement in blended contexts: What scale development and factor analysis tell us about face-to-face and online engagement indicators. 2016 Annual Online Learning Consortium Accelerate Conference. Orlando, FL.

Henrie, C. R., Graham, C. R**., Halverson, L. R., Manwaring, K, Bodily, R.,** & Larsen, R. (2016, November). Creating an activity-level measure of student engagement and exploring the potential of LMS log data as a proxy measure of student engagement. 2016 Annual Online Learning Consortium Accelerate Conference. Orlando, FL.

Halverson, L. R., & Graham, C. R. (2016, October). Learner engagement in blended learning environments: A conceptual framework. Association for Educational Communications and Technology (AECT) 2016 Annual International Conference. Las Vegas, NV.

Bodily, R., Graham, C. R., **Kerr, T., & Mackley, B.** (2016, October). Examining the effect of a real-time student dashboard on student behavior and student achievement. Association for Educational Communications and Technology (AECT) 2016 Annual International Conference. Las Vegas, NV.

Bodily, R., Mackley, B., Kerr, T., & Graham, C. R. (2016, October). Designing, Developing, and Evaluating a Real-Time Student Dashboard. Association for Educational Communications and Technology (AECT) 2016 Annual International Conference. Las Vegas, NV.

Manwaring, K, Henrie, C. R., & Graham, C. R. (2015, July). A Deeper Understanding of Student Engagement in Blended Learning Through Experience Sampling Methods. 12th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO. (Award: Best in Track for Teaching and Learning Effectiveness)

Dziuban, C., Picciano, A., Graham, C. R., & Moscal, P. (2015, July). Conducting research in online and blended learning environments: New pedagogical frontiers. 12th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Halverson, L. R., & Graham, C. R. (2015, July). Learner engagement in blended learning environments: Exploring a conceptual framework. 12th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Porter, W. W., & Graham, C. R. (2015, July). Institutional drivers and barriers to faculty adoption of blended learning in higher education. 12th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Dziuban C. D., Picciano, A., Graham, C. R., & Moscal, P. D. (2014, October). Evidence of impact in blended and online learning environments. 20th Annual Online Learning Consortium International Conference. Orlando, FL.

Manwaring, K., Halverson, L. R., Henrie, C. R., Bodily, R., & Graham, C. R. (2014, July). Course design from the learner's point of view through the use of intensive longitudinal methods. 11th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Porter, W. W., Graham, C. R., Andersen, L., Palmer, S. D., & Adams, J. (2014, July). Institutional drivers and barriers to faculty adoption of blended learning in higher education. 11th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Henrie, C. R., Halverson, L. R., Bodily, R., Sandberg, D., & Graham, C. R. (2014, July). Measuring engagement in blended and online learning. 11th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Picciano, A., Dziuban C. D., Moscal, P. D. & Graham, C. R. (2014, July). Seeking evidence of impact in blended and online learning. 11th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.

Dziuban C. D., Picciano, A., Graham, C. R., & Moscal, P. D. (2014, February). Blended learning: The ideal instructional model? Learning Circle discussion at the Educause Learning Initiative 2014 Annual Meeting.

Halverson, L. R., Graham, C. R., & **Henrie, C. R.** (2013, July). Measuring cognitive and affective engagement in blended and online settings. 10th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Matthews, M., & Graham, C. R. (2013, July). Workshop – Blended learning initiative: Implementing a faculty professional development program. 10th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Spring, K. J., Welch, K. R., & Graham, C. R., (2013, July). Research and practical trends in international blended learning. 10th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Porter, W. W., Spring, K. J., Welch, K. R., Graham, C. R., & **Harrison, J. B.** (2013, July). A framework for institutional adoption and implementation of blended learning in higher education. 10th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Halverson, L. R., Graham, C. R., **Spring, K. J., Drysdale, J. S., & Henrie, C. R.** (2013, July). Scholarship trends in blended learning. 10th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Halverson, L. R., Graham, C. R., **Spring, K. J., & Drysdale, J. S.** (2012, April). Analysis of

high impact scholarship and publication trends in blended learning. 9th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Drysdale, J. S., Graham, C. R., **Spring, K. J., & Halverson, L. R.** (2012, April). Analysis of research trends in dissertations and theses studying blended learning. 9th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Graham, C.R., Chan, P., Wilkinson, J., & **Skeen, J.** (2011, October). Blended learning: Transforming teacher roles in 21st Century Education. E-Learn 2011: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Honolulu, HI.

Borup, J., Graham, C.R., & Davies, R. (2011, October). The impact of parental interaction on student outcomes in a virtual high school. E-Learn 2011: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Honolulu, HI.

Borup, J., West, R. E., & Graham, C.R. (2011, October). The Adolescent Community of Engagment framework: A lens for research in K-12 online learning environments. E-Learn 2011: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Honolulu, HI.

Halverson, L., Graham, C.R., & Griffiths, M. E. (2011, October). Scaling up use of the Asynchronous Video Learning Model: An institutional implementation. E-Learn 2011: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Honolulu, HI.

Mallory, T., & Graham, C.R. (2011, October). Facilitating faculty-student interaction through asynchronous video communication. E-Learn 2011: World Conference on E-Learning in Corporate, Government, Healthcare, & Higher Education, Honolulu, HI.

Hawkins, A., Barbour, M. K., & Graham, C.R. (2010, August). Teacher-Student Interaction and Academic Performance at Utah's Electronic High School (Vol. 2010). Presented at the Annual Conference of Distance Teaching and Learning, Madison, WI.

*Borup, J., Graham, C. R., & **Velasquez, A.** (2010, April). The Use of Asynchronous Video Communication to Improve Instructor Immediacy and Social Presence in an Online Course (Vol. 2010, pp. 337-344). Presented at the Society for Information Technology & Teacher Education International Conference, San Diego, CA.

*Burgoyne, N., & Graham, C. R. (2010, March). The Validation of an Instrument Measuring TPACK (Vol. 2010, pp. 3787-3794). Presented at the Society for Information Technology & Teacher Education International Conference, San Diego, CA.

*Graham, C. R., **Burgoyne, N., & Borup, J.** (2010, March). The decision-making processes of preservice teachers as they integrate technology (Vol. 2010, pp. 3826-3832). Presented at the Society for Information Technology & Teacher Education International Conference, San Diego, CA.

Hawkins, A., & Graham, C. R. (2010a, April). A comparison study of how teachers with high and low completion rates interact with virtual high school students (Vol. 2010, pp. 2930-2933). Presented at the Society for Information Technology & Teacher Education International Conference, San Diego, CA.

Hawkins, A., & Graham, C. R. (2010b, April). Correlations between teacher-student interaction and student academic performance in a large virtual high school (Vol. 2010, pp. 2934-2940). Presented at the Society for Information Technology & Teacher Education International Conference, San Diego, CA.

Hawkins, A., & Graham, C. R. (2010c, April). Course completion and participation patterns at Utah's Electronic High School (Vol. 2010, pp. 2941-2947). Presented at the Society for

Information Technology & Teacher Education International Conference, San Diego, CA.

*Cox, S., & Graham, C. R. (2009, March). An elaborated model of the TPACK framework. Paper presented at the Society for Information Technology & Teacher Education 20th International Conference. Charleston, SC.

*Graham, C. R., Cox, S., & Velasquez, A. (2009, March). Teaching and measuring TPACK development in two preservice teacher preparation programs. Paper presented at the Society for Information Technology & Teacher Education 20th International Conference. Charleston, SC.

*Griffiths, M. E., & Graham, C. R. (2009, March). Using asynchronous video to achieve instructor immediacy and closeness in online classes: Experiences from three cases. Paper presented at the Society for Information Technology & Teacher Education 20th International Conference. Charleston, SC.

Tripp, T., & Graham, C. R. (2009, March). Understanding the use of video analysis tools to facilitate reflection among pre-service teachers. Round table presentation at the Society for Information Technology & Teacher Education 20th International Conference. Charleston, SC.

*Velasquez, A., Graham, C. R., & McCollum, K. (2009, March). Online Social Networking Used to Enhance Face-to-Face and Online Pre-Service Teacher Education Courses. Paper presented at the Society for Information Technology & Teacher Education 20th International Conference. Charleston, SC.

*Graham, C. R., Tripp, T., & Wentworth, N. (2008, March). Assessing and improving technology integration skills using the teacher work sample. Paper presented at the American Educational Research Association 2008 Annual Meeting, New York, NY.

*Browne, J., & Graham, C. R. (2008, March). The effect of preservice teacher technology integration courses on related measures of self-efficacy. Paper presented at the American Educational Research Association 2008 Annual Meeting, New York, NY.

*Wentworth, N., Tripp, T., & Graham, C. R. (2008, March). Resolving the Disconnect Between Learning and Implementing Technology Integration Skills: A Teacher Work Sample Study. Paper presented at the Society for Information Technology & Teacher Education 19th International Conference, Las Vegas, NV.

*Browne, J., & Graham, C. R. (2008, March). The Effect of Preservice Technology Integration Courses on Self-efficacy, and the Effect of Pre-course Self-efficacy on In-course Performance. Paper presented at the Society for Information Technology & Teacher Education 19th International Conference, Las Vegas, NV.

Graham, C. R. (2007). Teaching preservice teachers four principles of effective technology integration using the Video Modeling Database. Presentation at the Association for Educational Communications and Technology International Conference 2007. Anaheim, CA.

Tripp, T., & Graham, C. R. (2007). A model for self evaluation and analysis of preservice teacher performance. Presentation at the Association for Educational Communications and Technology International Conference 2007. Anaheim, CA.

*Graham, C. R., Tripp, T., & Wentworth, N. (2007, March). Using Preservice Teacher Work Samples as a Means for Assessing and Improving Technology Integration in Field Experiences. Paper presented at the Society for Information Technology & Teacher Education 18th International Conference.

*Tripp, T., Graham, C. R., Dye, B., & Wright, G. A. (2007, March). A model for self evaluation and analysis of preservice teacher performance. Paper presented at the Society for

Information Technology & Teacher Education 18th International Conference.

***Wright, G. A.,** Graham, C. R., & **Johnson, M. C.** (2007, March). The Performance Analyst Tool: Empowering principals and teachers with an effective performance evaluation tool and method. Paper presented at the Society for Information Technology & Teacher Education 18th International Conference.

***Johnson, M. C.,** Graham, C. R., & **Hsueh, S.-L.** (2006, November). The effects of instructional simulation use on teaching and learning: A case study. Paper presented at the IV International Conference on Multimedia and Information and Communication Technologies in Education, Seville, Spain.

***Ransom, W.,** Graham, C. R., & Mott, J. (2006, November). Is bigger better? Faculty perceptions of cost versus impact of small and large-scale technology projects. Paper presented at the IV International Conference on Multimedia and Information and Communication Technologies in Education, Seville, Spain.

Tripp, T., Graham, C. R., & Wentworth, N. (2006, October). Technology Integration by Preservice Teachers, Northern Rocky Mountain Educational Research Association 2006 Conference. Sun Valley, ID.

***Rogers, C.,** Graham, C. R., & Mayes, C. (2006, June). Cultural competence and instructional design: Exploration research into the delivery of online instruction cross-culturally. Paper presented at the Cultural Attitudes Towards Technology and Communication Conference 2006, Tartu, Estonia.

Ransom, W., & Graham, C. R. (2006, June). Using technology for the right reasons: Comparing cases of enabling, enhancing, and transforming blends in higher education. Presentation at the Teaching with Technology Idea Exchange Conference, Utah Valley State College, Orem, UT.

Ransom, W., & Graham, C. R. (2006, June). Using technology because we can or because we should: An in-depth view of faculty experiences using technology and the impact on teaching and learning. Presentation at the Teaching with Technology Idea Exchange Conference, Utah Valley State College, Orem, UT.

Graham, C. R., & Wentworth, N. (2006, February). Implementing HP tablet PCs into the BYU Teacher Education curriculum. Poster presented at the 2006 HP Technology for Teaching Worldwide Higher Education Conference Monterey, CA.

*Graham, C. R., & **West, R.** (2005, March). Five powerful practices for using technology to enhance teaching and learning in higher education. Paper presented at the Society for Information Technology & Teacher Education 16th International Conference, Phoenix, AZ.

***West, R.,** Graham, C. R., & **Wright, G.** (2005, March). Giving preservice teachers the vision of technology integration through modeling. Paper presented at the Society for Information Technology & Teacher Education 16th International Conference, Phoenix, AZ.

***West, R., Wright, G.,** & Graham, C. R. (2005, March). Blogs, wikis, aggregators: A new vocabulary for promoting reflection and collaboration in a preservice technology integration course. Paper presented at the Society for Information Technology & Teacher Education 16th International Conference, Phoenix, AZ.

***Thompson, K.,** Graham, C. R., & Bickmore, B. (2005, March). Earth Science Storybook Projects for preservice elementary education majors: Improving attitudes towards science. Paper presented at the Society for Information Technology & Teacher Education 16th International Conference, Phoenix, AZ.

***Cox, S.,** & Graham, C. R. (2005, March). Technology integration: The evaluation of the Tools

for New Teachers program. Paper presented at the Society for Information Technology & Teacher Education 16th International Conference, Phoenix, AZ.

Bonk, C. J. & Graham, C. R. (2004, November). The Handbook of Blended Learning Environments (HOBLE). Online presentation at NET*Working 2004 Conference, New South Wales Department of Education and Training, Australia.

Lee, J., Bonk, C. J., Graham, C. R., & Baek, E. (2004, October). Instructional use of course management systems in higher education: Three cases. Paper presented at the Association for Educational Communications and Technology International Conference 2004, Chicago, IL.

Graham, C. R., Allen, S., & **Ure, D.** (2003, October). Blended learning: Definitions, goals, and cases. Roundtable presented at the Association for Educational Communications and Technology International Conference 2003, Anaheim, CA.

Graham, C. R. (2003, October). Standards-based electronic portfolios as a collaborative tool for teachers. Paper presented at the Association for Educational Communications and Technology International Conference 2003, Anaheim, CA.

Archibald, T., & Graham, C. R. (2003, October). Standards-based electronic teaching portfolios: Student, instructor, and technical support perspectives on the effort required to implement different models. Paper presented at the Association for Educational Communications and Technology International Conference 2003, Anaheim, CA.

Rasmussen, R., & Graham, C. R. (2003, October). Extending the walls of the traditional classroom by increasing synchronous interaction between in-class and distance students. Roundtable presented at the Association for Educational Communications and Technology International Conference 2003, Anaheim, CA.

Graham, C. R. (2003, April). Understanding and facilitating computer-mediated teamwork: A study of how norms develop in online learning teams. Paper presented at the Annual Meeting of the American Educational Research Association, Chicago, IL.

Hawkins, C. L., Evansen, N., Harlan, D., Webb, K., & Graham, C. R. (2003, March). Electronic portfolios: Bridging the great divide. Paper presented at the Society for Information Technology & Teacher Education 14th International Conference, Albuquerque, NM.

Graham, C. R. & Misanchuk, M. (2002, November). Establishing explicit norms in online collaboration: How to prepare virtual teams to work effectively. Association for Educational Communications and Technology International Conference 2002, Dallas, TX.

*Graham, C. R., & Essex, C. (2001, November). Defining and ensuring academic rigor in online and on-campus courses: Instructor perspectives. Paper presented at the Association for Educational Communication and Technology National Convention, Atlanta, GA.

Graham, C., Malopinsky, L., Kirkley, J., Lim B., & Duffy, T. (2001, November). Issues and challenges with providing electronic performance support for teacher-developers of K-12 online professional development modules. Association for Educational Communications and Technology International Conference 2001, Atlanta, GA.

Kirkley, J., Graham, C., & Malopinsky, L. (2001, April). The Learning to Teach with Technology Studio: Demonstration of an innovative professional development system for k-12 technology integration. American Educational Research Association Annual Meeting 2001, Seattle, WA.

Kirkley, J., Malopinsky, L., & Graham, C. (2001, April). Supporting preK-12 teachers in designing online, inquiry-based professional development instruction. American Educational Research Association Annual Meeting 2001, Seattle, WA.

Graham, C., & Smith, C. (2001, February). Learning to teach with technology studio: Professional development for the 21st century. Hooser Association for Science Teachers, Inc. (HASTI) Annual Convention 2001, Indianapolis, IN.

Sheu, F., & Graham, C. (2000, October). Performance support for doctoral students. (roundtable) AECT 2000 Annual International Conference, Denver, CO.

Frick, T., Branon, R., & Graham, C. (2000, October). Future directions for AECT: A member survey. AECT 2000 Annual International Conference, Denver, CO.

*Graham, C., Cagiltay, K., Craner, J., Lim, B., & Duffy, M. (2000, August). Using the seven principles of good practice to evaluate online courses. In Proceedings of the 16th Annual Conference on Distance Teaching and Learning (pp. 187-191), Madison, WI, August 2-4, 2000.

Graham, C., Craner, J., & Lim, B. (2000, August). Using the seven principles of good practice to evaluate online courses. 16th Annual Conference on Distance Teaching and Learning, Madison, WI.

Essex, C., Graham, C., & Ma, G. (1999, November). An online course evaluation system for formative and summative assessment of online and on-campus courses. Indiana University Teaching and Learning with Technology Conference, Indianapolis, IN.

Smith, S., Teasdale, A., & Graham, C. (1999, October). Mandatory tracking. Online Learning 99 Conference, Los Angeles, CA.

*Graham, C. R., & Trick, T. M. (1997, November). An innovative approach to asynchronous learning using Mallard: Application of Java applets in a freshman course. In Proceedings of the ASEE/IEEE Frontiers in Education 97 Conference, Pittsburgh, Pennsylvania, November 5-8, 1997.

*Graham, C. R., Swafford, M. L., & Brown, D. J. (1997, November). Mallard: A Java enhanced learning environment. In Proceedings of the WebNet 97 World Conference of the WWW, Internet, and Intranet, Toronto, Canada, October 31 - November 5, 1997.

*Graham, C. R., Rudnick, E. M., & Patel, J. H. (1997, January). Dynamic fault grouping for PROOFS: A win for large sequential circuits. In Proceedings of The Tenth International Conference on VLSI Design, Hyderabad, India, January 4-7, 1997.

*Swafford, M. L., Graham, C. R., Brown, D. J., & Trick, T. N. (1996, November). Mallard: Asynchronous learning in two engineering courses. In Proceedings of the ASEE/IEEE Frontiers in Education 96 Conference, Salt Lake City, UT, November 6-9, 1996.

Other Manuscripts

Graham, C. R., Borup, J., Pulham, E., & Larsen, R. (2018). K-12 Blended Teaching Readiness: Phase 2 – Instrument development. Michigan Virtual Learning Research Institute Report, Lansing, MI Retrieved from https://mvlri.org/research/publications/blended-teaching-readiness-phase-2-instrument-development/

Graham, C. R., Borup, J., Pulham, E., & Larsen, R. (2017). *K-12 blended teaching readiness: Phase 1 instrument development*. Michigan Virtual Learning Research Institute Report, Lansing, MI. Retrieved from https://mvlri.org/wp-content/uploads/2017/11/k12-blended-teaching-readiness-phase-1-instrument-development.pdf

Graham, C. R., Henrie, C. R., & Halverson, L. R. (2015). Book review: Blended: Using disruptive innovation to improve schools. *Teachers College Record*. Retrieved from http://www.tcrecord.org/content.asp?contentid=18121

Graham, C. R. (2015). Information and communication technologies for formal learning. In J. M. Spector (Ed.), *The Sage encyclopedia of educational technology* (pp. 369-371). Los Angeles, CA: Sage. doi:10.4135/9781483346397

Graham, Charles, R. (2014). Forward. In L. Kyei-Blankson & E. Ntuli (Eds.), *Practical applications and experiences in k-20 blended learning environments* (p. xxix). Hershey, PA: IGI Global. doi:10.4018/978-1-4666-4912-5

Graham, C. R. (2013). Cloud-based computing. In R. C. Richey (Ed.), *Encyclopedia of terminology of educational communications and technology* (pp. 34-35). New York, NY: Springer.

Graham, C., & Graham, D. (2008). Technology and a house of learning. *McKay Today Magazine*, 3(2), 14-15.

Graham, C. R. (2008). The use of video analysis tools to support technology-mediated cognitive apprenticeships. Fort Knox, KT: U.S. Army Research Institute.

Graham, C. R. (2002). Understanding and facilitating computer-mediated teamwork: A study of how norms develop in online learning teams. Unpublished Dissertation, Indiana University, Bloomington, IN.

Bonk, C. J., & Graham, C. R. (2000). Simon Property Group Web site usability testing for individuals with disabilities (67 pages). Technical Report. CourseShare.com, Bloomington, IN.

Graham, C., Cagiltay, K., Craner, J., Lim, B., & Duffy, M. (2000). Teaching in a Web Based Distance Learning Environment: An Evaluation Summary Based on Four Courses. Center for Research on Learning and Technology Technical Report No. 13-00, Bloomington, IN.

Graham, C. R. (1997). Enhancing learning environments using the Java programming language. MS Thesis, University of Illinois, Urbana, Illinois, Department of Electrical and Computer Engineering.

Graham, C. R., (1994). Adaptive scan algorithms for a self-scanning tactile sensor. Honors Thesis, Brigham Young University, Provo, Utah, Department of Electrical and Computer Engineering.

Workshops/Invited Presentations

Graham, C. R. (2019, November). Blended and personalized learning in k-12 education. 5th China Education Innovation Expo, Zhuhai, China.

Graham, C. R. (2019, February). Exploring research directions in blended learning. Webinar for the AECT Research and Theory Division.

Graham, C. R. (2018, November). Blended Learning and the Scholarship of Teaching and Learning (SoTL). Workshop at the United Arab Emirates University (UAEU) 2018 2nd Blended Teaching and Learning Symposium. Al Ain, United Arab Emirates.

Graham, C. R. (2018, November). Developing Faculty Dispositions and Competencies for Effective Blended Teaching. Keynote at the United Arab Emirates University (UAEU) 2018 2nd Blended Teaching and Learning Symposium. Al Ain, United Arab Emirates.

Graham, C. R. (2018, September). Blended Learning in Higher Education. Webinar for Faculty at Universidad de los Andes, Columbia.

Graham, C. R. (2018, September). Questions about Transformative Blends in Higher Education. Webinar for instructional leaders at Universidad de los Andes, Columbia.

Graham, C. R. & Borup, J. (2018, September). Developing a survey instrument for evaluating k-12 blended teacher readiness. Webinar for the Michigan Virtual Learning Research Institute (MVLRI).

Graham, C. R. (2018, August). Blended Learning Primer. For the LDS Missionary Department, SLC, UT.

Graham, C. R. (2018, April). K-12 blended teaching competencies: Developing assessment and instruction for preservice teachers. Webinar for the AECT Division of Distance Learning Webinar Series: Using research to inform online course design and facilitation practices.

Graham, C. R. (2018, March). Blended Learning Primer. For the LDS Church Education System Seminary and Institute Curriculum Designers, Provo, UT.

Graham, C. R. (2018, March). Blended teaching workshop: Course redesign for student engagement. Half-day workshop at the United Arab Emirates University (UAEU) 2018 Blended Teaching and Learning Symposium. Al Ain, United Arab Emirates.

Graham, C. R. (2018, March). Facilitating institutional and faculty adoption of blended learning. Keynote at the United Arab Emirates University (UAEU) 2018 Blended Teaching and Learning Symposium. Al Ain, United Arab Emirates.

Graham, C. R. (2017, December). Studying your blended teaching innovations through design-based research and the scholarship of teaching and learning. Presentation at the Education University of Hong Kong (EdUHK) Blended Learning Roadshow. Tai Po, Hong Kong.

Graham, C. R. & Borup, J. (2017, November). K-12 blended teaching readiness instrument development: Phase 1. Webinar for the Michigan Virtual Learning Research Institute (MVLRI).

Graham, C. R. (2017, November). Exploring online and blended learning. Presentation to the BYU Spanish and Portuguese Department. Provo, UT.

Graham, C. R. (2017, October). Exploring graduate-level online and blended learning. Presentation to the BYU Graduate Council. Provo, UT.

Graham, C. R. & Borup, J. (2017, September). Episode 42: Charles Graham, BYU and Jered Borup, GMU. Virtual Viewpoints podcast on the k-12 blended teaching readiness instrument development for the Michigan Virtual Learning Research Institute.

Graham, C. R. (2016, November). Engaged Learning: Blended Learning Research and Practice. Faculty seminar at the Utah Valley University Office of Teaching & Learning Hybrid Networking Events. Orem, UT.

Graham, C. R. (2016, September). Engaging Students and Faculty in Effective Blended Learning. Presentation at the Education University of Hong Kong (EdUHK) Blended Learning Roadshow. Tai Po, Hong Kong.

Graham, C. R. (2016, September). The Current Landscape of Blended Learning Research: Opportunities and Challenges. Presentation and discussion with faculty Blended Learning Ambassadors at the Education University of Hong Kong (EdUHK). Tai Po, Hong Kong.

Graham, C. R. & Picciano, A. (2016, June). Conducting Research in Online and Blended Learning Environments: Framework for Online and Blended Learning Research. Online Learning Consortium Digital Scholarship Webinar Series.

Graham, C. R. (2016, June). Frameworks for Effective Technology Integration. Presentation at the EdTech in Teacher Prep Innovators Summit. U.S. Department of Education & ASCD. Arlington, VA.

Graham, C. R. (2016, May). Blended learning: Teaching in the 21st century. Presentation for GE
      Academy. General Education, Brigham Young University, Provo, UT.

Graham, C. R. (2016, April). The effective use of technology in teaching and learning.
      Dimensions: Gospel Teaching and Learning Workshop. The Church of Jesus Christ of
      Latter-day Saints, Salt Lake City, UT.

Graham, C. R. (2015, December). Blended Learning Primer. For the LDS Church Education
      System Seminary and Institute Programs, Salt Lake City, UT.

Graham, C. R. (2015, August). Blended Learning Primer. For the BYU Ira A. Fulton College of
      Engineering & Technology Leadership Team, Brigham Young University, Provo, UT.

Graham, C. R. (2015, March). Blended Learning Seminar. Four-week faculty development
      workshop sponsored by BYU Independent Study and BYU Center for Teaching & Learning,
      Brigham Young University, Provo, UT.

Graham, C. R. (2014, November). Designing blended learning to engage learners online and in-
      class. Videoconference keynote presentation for Center for Learning & Teaching Blended
      Learning Day, The American University in Cairo. Cairo, Egypt.

Graham, C. R. (2014, November). Successfully adopting blended learning at your institution.
      Webinar. Magna Online Seminar.

Graham, C. R. (2014, September). Learner engagement and access to knowledge through
      blended learning. BYU-Public School Partnership Leaders Associates. Midway, UT.

Graham, C. R. (2014, July). Blended course design to foster student participation. Powering the
      21st Century Student Summer Seminar 2014. Texas A&M International University. Laredo,
      TX.

Graham, C. R. (2014, May). Engaging learners by using technology effectively. 2014 Spring
      Seminar Teaching Workshop. Brigham Young University, Provo, UT.

Graham, C. R. (2014, February). Harnessing technology to reach "the one" learner. The David
      O. McKay School of Education Power of Teaching seminar series. Brigham Young
      University, Provo, UT.

Graham, C. R., Picciano, A. & Dziuban C. D. (2014, February). Seeking evidence of impact in
      blended learning: New models, designs, and results. Invited Featured Session at the Educause
      Learning Initiative 2014 Annual Meeting.

Graham, C. R. & Porter, W. W. (2013, August). A framework for institutional adoption and
      implementation of blended learning in higher education. Educause Learning Initiative
      Webinar.

Parry, M., Graham, C. R., Staker, H., Norberg, A., & Mehaffy, G. (2013, July). Plenary Panel –
      Research in blended learning: Where are we now? And What are the future challenges and
      needs? 10th Annual Sloan Consortium Blended Learning Conference and Workshop.
      Milwaukee, WI.

Graham, C. R. (2013, May). Using online learning to improve learner engagement: Designing
      blended courses. BYU Family Home and Social Sciences Spring Teaching Conference,
      Provo, UT.

Graham, C. R. (2013, May). How and when to use technology in teaching. BYU Faculty Center
      Spring Seminar. Provo, UT.

Graham, C. R. (2013, April). Blended Learning Panel Discussion. Webcast sponsored by the
      Office of Instructional Consulting and the Center for Innovation in Teaching and Learning at
      Indiana University.

Graham, C. R. (2012, August). Blended learning. Presented at the David O. McKay School of

Education University Conference Session, Provo, UT.

Graham, C. R. (2012, April). Blended learning ecosystems: Blended learning courses for 21st century learners. Workshop at the 9th Annual Sloan Consortium Blended Learning Conference and Workshop. Milwaukee, WI.

Graham, C. R. (2011, December). Blended learning ecosystems: Engaging 21st century learners with information and communication technologies. Half-day workshop at the International Conference on Teaching and Learning in Higher Education: Sustaining Student-centric Higher Education: Embracing Diversity and Empowering Gen Y Learners. National University of Singapore, Singapore.

Graham, C. R. (2011, August). Assessing the quality of journals using Publish or Perish Presented at the David O. McKay School of Education University Conference Session, Provo, UT.

Graham, C. R. (2010, September). Digital Dialog: Asynchronous video communication tool. Presentation for the Brigham Young University Academic Vice President's Council, Provo, UT.

Graham, C. R. (2011, August). Digital Dialog: Asynchronous video communication tool. Workshop for the Brigham Young University Center for Teaching and Learning University Conference Sessions, Provo, UT.

Graham, C. R. (2010, August). Building human interaction into blended and online ecosystems. Presented at the BYU Independent Study Annual High School Instructors Conference, Provo, UT.

Graham, C. R. (2010, March). How can we design blended learning environments to provide students with a flexible and high quality learning experience? Presented at the Center for the Improvement of Teacher Education and Schooling (CITES) Research Lecture, Provo, UT.

Graham, C. R. (2009, May). The transformational potential of blended learning: Principles for designing an effective blended learning environment. Keynote address at Nanyang Technological University Teaching & Learning Seminar from Good to Great 2009: Blending Right, Blending Wrong: Know the Difference? Singapore.

Graham, C. R. (2009, May). Blended learning ecosystems: Learning to thrive in a 21st century educational environment. Keynote address at Nanyang Technological University Teaching & Learning Seminar from Good to Great 2009: Blending Right, Blending Wrong: Know the Difference? Singapore.

Graham, C. R. (2009, May). Putting blended learning into practice. Full-day workshop presented at Nanyang Technological University Teaching & Learning Seminar from Good to Great 2009: Blending Right, Blending Wrong: Know the Difference? Singapore.

Graham, C. R. (2009, March). Creating public service announcements for the elementary education classroom. Workshop at the BYU Arts Academy 2009. Provo, UT.

Graham, C. R. (2009, February). The benefits of blended learning and how to prepare quality blended learning instructors. Presentation at CIA University. VA.

Graham, C. R. (2009, February). Designing a quality blended learning approach to teaching and learning. Presentation at CIA University. VA.

Graham, C. R. (2009, February). Blogging and planning for digital storytelling in the elementary education classroom. Workshop at the BYU Arts Academy 2009. Provo, UT.

Graham, C. R. (2008, April). Using the Sloan Pillars to evaluate blended learning. Workshop at the Sloan-C Workshop on Blended Learning and Higher Education: Blending with Purpose Chicago, IL.

Graham, C. R. (2008, April). Innovations in education: Models of blended learning for improving high quality access to learning. Workshop at the University of Illinois at Springfield Blended Symposium: Office of Technology-Enhanced Learning Faculty Session, Springfield, IL.

Graham, C. R. (2008, April). Leadership in blended learning: Understanding the trends and possibilities. Workshop at the University of Illinois at Springfield Blended Symposium: Office of Technology-Enhanced Learning Deans and Department Chairs Session, Springfield, IL.

Graham, C. R. (2007, October). Blended learning: Designing learning environments for the 21st century. Keynote presentation at the University Continuing Education Association (UCEA) West Regional Conference 2007, Palm Springs, CA.

Graham, C. R. (2007, September). Blended learning in higher education: A global perspective Presented at the Chinese Leadership in Arts Education Workshop, Provo, UT.

Graham, C. R., & Dromey, C. (2007, August). Teaching with Technology. McKay School of Education University Conference. Brigham Young University, Provo, UT.

Graham, C. R, & Phillips, N. (2007, June) Media Arts in the Elementary Classroom: Celebrate Imagination! Arts Express 2007. Alpine, UT.

Graham, C. R. (2007, May). Teaching instructional design. Discussion leader at the Professors of Instructional Design and Technology (PIDT). Estes Park, CO.

Graham, C. R., & Gordon, R. (2007, March). Over the Shoulder: Google Earth & Flash Earth. Presentation at the Utah Coalition for Educational Technology Conference. Murray, UT.

Graham, C. R. (2007, March). Over the Shoulder: Logger Pro. Presentation at the Utah Coalition for Educational Technology Conference.

Graham, C. R. (2006, October). Realizing the transformational potential of blended learning: Comparing cases of transforming blends and enhancing blends in higher education. Presentation at the Sloan-C Webinar: Blended Learning Research Perspectives.

Graham, C. R., & Dromey, C. (2006, August). Teaching with Technology. McKay School of Education University Conference. Brigham Young University, Provo, UT.

Graham, C. R. (2006, May). Models of blended learning in higher education. Presentation at the Sloan-C Workshop on Blended Learning and Higher Education: Blended Learning, Localness, and Outreach Chicago, IL.

Graham, C. R. (2005, December). Blended learning environments: Bringing two instructional paradigms together. Presentation at the Instructional Psychology and Technology Graduate Seminar, Brigham Young University, Provo, UT.

Graham, C. R. (2005, November). Instructional use of blogs and wikis. Presentation at the BYU Teachnology Expo. Brigham Young University, Provo, UT.

Graham, C. R. (2005, November). Collecting good examples of teaching with technology: The Video Modeling Database. BYU Teachnology Expo. Brigham Young University, Provo, UT.

Graham, C. R. (2005, October). Blended learning in higher education: A global perspective. Presentation at the 2005 China Educational Technology Conference, Dongguan, China.

Graham, C. R. (2005, October). Developing a supportive infrastructure for blended learning environments in higher education. Presentation at the 2005 China Educational Technology Conference, Dongguan, China.

Knezek, D., Graham, C. R., Kelly, M. G., & Stevens, R. (2005, October). Ask-the-experts: A question and answer session with leading k-12 and higher education experts. Panel at the 2005 China Educational Technology Conference, Dongguan, China.

Graham, C. R. (2003, May). Enabling student collaboration and team projects on campus and world-wide. Summer Institute for Teaching and Learning with Technology. Tufts University, Medford, MA.

Graham, C. R. (2003, May). Supporting reflective and critical thinking through asynchronous discussions. Summer Institute for Teaching and Learning with Technology. Tufts University, Medford, MA.

Graham, C. R. (2003, May). Using Blackboard's groupwork and threaded discussion tools. Summer Institute for Teaching and Learning with Technology. Tufts University, Medford, MA.

Graham, C. R., & Cox, S. (2003, April). Using INTASC principles to demonstrate evidence of good teaching. Utah Department of Education Entry Years Enhancement Forum Workshop, Salt Lake City & Cedar City, UT.

Osguthorpe, R., Graham, C. R., & Burgon, H. (2002, November). Facilitating online discussion. BYU Improved Learning with Technology Conference, Provo, UT.

Graham, C. (2001, May). Learning objects questions and issues: A glimpse into the future. Cyberlearning Seminar for Samsung and Credu.com Officials, Bloomington, IN.

Graham, C. (2001, May). Designing and evaluating online instruction. Cyberlearning Seminar for Samsung and Credu.com Officials, Bloomington, IN.

Graham, C. (2001, May). Technologies for online learning environments. Cyberlearning Seminar for Samsung and Credu.com Officials, Bloomington, IN.

Kirkley, J., Malopinsky, L., & Graham, C. (2001, January). Examining issues of a web-based professional development system. Indiana Computer Educators 2001 Annual Conference, Indianapolis, IN.

Kirkley, J., Malopinsky, L., & Graham, C. (2000, October). Examining issues related to designing a web-based professional development system on preK-12 technology integration: The Learning to Teach with Technology Studio. Association for Educational Communications and Technology (AECT) 2000 Annual International Conference, Denver, CO.

Grants

2013-2016	**Title:** Blended Learning Research Cluster **Funded by:** David O. McKay School of Education, BYU **Amount:** $60,000 **Author:** Charles R. Graham
2007-2009	**Title:** Science Plus (Science+) **Funded by:** Utah State Office of Education Mathematics and Science Partnership Grant **Amount:** $287,071 **Authors:** Pamela Cantrell, Leigh Smith, & Charles R. Graham, Ronald A. Harris, Larry L. St. Clair
2009	**Title:** Developing TPACK in Preservice Teacher Candidates **Funded by:** BYU McKay School of Education **Amount:** $7000 **Authors:** Charles R. Graham
2007	**Title:** The Effects of the Science+ Professional Development Model on the

	Practice of Full Science Inquiry Teaching of 4th-6th Grade Teachers **Funded by:** BYU McKay School of Education **Amount:** $10,220 **Authors:** Pamela Cantrell, Leigh Smith, & Charles R. Graham
2006	**Title:** Technology Integration in BYU Teacher Work Samples **Funded by:** BYU McKay School of Education **Amount:** $7000 **Authors:** Charles R. Graham & Nancy Wentworth
2005	**Title:** HP Technology for Teaching Grant Initiative – 2005 Higher Education – Extension Edition **Funded by:** Hewlett Packard **Amount:** $10,500+40 HP Tablet PCs+2 carts+1projector+1 printer+1 camera **Authors:** Nancy Wentworth, Charles R. Graham, Candice Ridlon, Duane Merrell, Marta Adair, Aaron Popham
2005-2007	**Title:** Earth Science Storybook Project: An Intervention Strategy for Teaching Science to Pre-service Elementary School Teachers **Funded by:** National Science Foundation **Amount:** $217,602 **Authors:** Barry R. Bickmore, Charles R. Graham, Richard Hull
2004-2005	**Title:** Teaching and Learning with Technology for Secondary Ed. Majors **Funded by:** BYU Center for Instructional Design **Amount:** $5,000 **Authors:** Charles R. Graham
2004-2005	**Title:** Evaluation of Nebo School District's Technology for New Teachers (TNT) Program **Funded by:** Nebo School District **Amount:** $9,312 **Authors:** Charles R. Graham, Richard Sudweeks, Suzy Cox
2004	**Title:** Understanding the Use of Technology in Teaching and Learning at BYU **Funded by:** BYU McKay School of Education **Amount:** $15,300 **Author:** Charles R. Graham
2000	**Title:** Defining and ensuring academic rigor in the online MS degree program **Funded by:** Jerrold E. Kemp IST Fellowship **Amount:** $800 **Authors:** Graham, C. R., & Essex, C.
2000	**Title:** Performance support for doctoral students preparing for qualifying exams **Funded by:** Jerrold E. Kemp IST Fellowship **Amount:** $1200 **Authors:** Sheu, F., Graham, C. R., & Rastogi

Mentoring Grants

2016	**Title:** Examining the Effect of Real-Time Recommendations on Student Behavior and Student Achievement

	Funded by: Graduate Research Fellowship, BYU Office of Graduate Studies **Amount:** $15000 **Student:** Robert Bodily (doctoral student)
2015	**Title:** Examining the Effect of Real-Time Student Engagement Visualizations on Student Behavior and Student Achievement **Funded by:** Graduate Research Fellowship, BYU Office of Graduate Studies **Amount:** $15000 **Student:** Robert Bodily (doctoral student)
2014	**Title:** Exploring alternative measures and methods to study online learner engagement **Funded by:** Graduate Research Fellowship, BYU Office of Graduate Studies **Amount:** $15000 **Student:** Curtis Henrie (doctoral student)
2013	**Title:** Learner Engagement Instruments for Blended Learning **Funded by:** Graduate Research Fellowship, BYU Office of Graduate Studies **Amount:** $15000 **Student:** Lisa Halverson (doctoral student)
2013	**Title:** Scholarship Trends in Blended Learning **Award:** David O McKay School of Education Mentored Research Conference Research Award **Amount:** $1000 **Student:** Lisa Halverson, Kristian Spring, & Jeffrey Drysdale
2013	**Title:** An Analysis of Research Trends in Dissertations and Theses Studying Blended Learning **Award:** David O McKay School of Education Mentored Research Conference Research Award **Amount:** $1000 **Student:** Jeffrey Drysdale, Kristian Spring, & Lisa Halverson
2012	**Title:** Adolescent Community of Engagement Research **Funded by:** Graduate Research Fellowship, BYU Office of Graduate Studies **Amount:** $15000 **Student:** Jered Borup (doctoral student)
2008-2009	**Title:** Mentoring Doctoral Students in Teaching Technology Integration Courses **Funded by:** Graduate Mentoring Awards 2008-2009, BYU Office of Graduate Studies **Amount:** $5,000 **Students:** Nicholette Burgoyne (MS student), Michael Griffiths (doctoral student)
2007-2008	**Title:** Mentoring Doctoral Students in Teaching Technology Integration Courses **Funded by:** Graduate Mentoring Awards 2007-2008, BYU Office of Graduate Studies **Amount:** $5,000 **Student:** Michael Griffiths (doctoral student)

Awards (some with mentored students)

Henrie, C. R., Halverson, L. R., & Graham, C. R. (2015). Measuring student engagement in technology-mediated learning: A review. *Computers & Education*, 90, 36–53. http://doi.org/10.1016/j.compedu.2015.09.005	**Award:** AECT Division of Distance Learning - Distance Education Journal Article Award 2018 – 1st Place in Quantitative-based Research Article category
McAllister, L., & Graham, C. R. (2016). An analysis of the curriculum requirements for k-12 online teaching endorsements in the U.S. *Journal of Online Learning Research*, 2(3), 247-282.	**Award:** AECT Division of Distance Learning - Distance Education Journal Article Award 2018 – 2nd Place in Quantitative-based Research Article category
Charles R. Graham – 2016-18 Fellow of the Michigan Virtual Learning Research Institute https://mvlri.org/fellows/fellows-program/	Award: 2016-2018 Michigan Virtual Learning Research Institute Fellow for research developing a K-12 Blended Teaching Readiness Instrument.
Kimmons, R., Graham, C. R., & West, R. E. (2017). The PICRAT model for technology integration in teacher preparation.	**Award:** 2017 ETR&D Young Scholar Award given to Royce Kimmons co-authored with faculty collaborators Charles R. Graham and Richard E. West
Halverson, L. R., & Graham, C. R. (2016, November). Conceptualizing learner engagement in blended contexts: What scale development and factor analysis tell us about face-to-face and online engagement indicators. 2016 Annual Online Learning Consortium Accelerate Conference. Orlando, FL.	**Award:** Best in Strand for Teaching and Learning Effectiveness Strand at the 2016 Annual Online Learning Consortium Accelerate Conference
Borup, J., West, R. E., Graham, C. R., & Davies, R. S. (2014). The adolescent community of engagement framework: A lens for research on K-12 online learning. *Journal of Technology and Teacher Education*, 22(1) 107-129.	**Award:** AECT Division of Distance Learning - Distance Education Journal Article Award 2016 – 3rd Place in Qualitative-based Research Article category
Charles R. Graham - 2015 Fellow of the Online Learning Consortium http://onlinelearningconsortium.org/about/olc-awards/olc-fellows/	**Award:** Charles R. Graham, Brigham Young University: "For outstanding achievement in advancing theory, research and effective practice in online and blended learning."
Halverson, L. R., Henrie, C. R., & Graham, C. R. (2015). Learner engagement in blended learning environments: A conceptual	**Award:** 2015 ETR&D Young Scholar Award given to a mentored doctoral student Lisa Halverson for research in article

framework.	submission "'Learner Engagement in Blended Learning Environments: A Conceptual Framework" co-authored by Curtis R. Henrie and Charles R. Graham
Halverson, L. R., Graham, C. R., Spring, K. J., Drysdale, J. S., & Henrie, C. R. (2014). A thematic analysis of the most highly cited scholarship in the first decade of blended learning research. Internet and Higher Education, 20, 20–34. doi:10.1016/j.iheduc.2013.09.004	**Award:** AECT Division of Distance Learning - Distance Education Journal Article Award 2015 – First Place in Qualitative-based Research Article category
Manwaring, K, & Henrie, C. R. (Mentored by Graham, C. R.) (2015, July). A Deeper Understanding of Student Engagement in Blended Learning Through Experience Sampling Methods. 12th Annual Online Learning Consortium Blended Learning Conference and Workshop. Denver, CO.	**Award:** Best in Track for Teaching and Learning Effectiveness at the 12th Annual Online Learning Consortium Blended Learning Conference and Workshop
Graham, C.R. (2014). Nancy Peery Marriott Outstanding Scholar Award 2014	Scholarship award from David O. McKay School of Education, Brigham Young University
Borup, J., Graham, C. R., & Drysdale, J. S. (2014). The nature of teacher engagement at an online high school. *British Journal of Educational Technology*, *45*(5), 793–806. doi:10.1111/bjet.12089	AECT Division of Distance Learning - Distance Education Journal Article Award 2014 – First Place in Qualitative Focused Article category.
Borup, J., West, R. E., & Graham, C. R. (2013). The influence of asynchronous video communication on learner social presence: A narrative analysis of four cases. *Distance Education*, *34*(1), 48–63. doi:10.1080/01587919.2013.770427	AECT Division of Distance Learning - Distance Education Journal Article Award 2013 – First Place.
Borup, J., West, R. E., & Graham, C. R. (2012). Improving online social presence through asynchronous video. *Internet and Higher Education*, *15*(3), 195–203. doi:10.1016/j.iheduc.2011.11.001	IAP-DDL Distance Education Journal Article Award Advancing Practice 2012 – Second Place. Information Age Publishing Award for an outstanding article published in the last three years that describes best practices in distance education. Awarded at the AECT Annual Conference.
Rogers, P. C., Graham, C. R., & Mayes, C. T. (2007). Cultural competence and instructional design: Exploration research into the delivery of online instruction cross-	An article based on Clint Rogers' dissertation research that I chaired received the *Educational Technology Research & Development* (ETR&D) Outstanding Article Published in International Review Section.

culturally. *Educational Technology Research and Development*, 55(2), 197–217. doi:10.1007/s11423-007-9033-x	
Graham, C. R. (2002). Understanding and facilitating computer-mediated teamwork: A study of how norms develop in online learning teams. Unpublished doctoral dissertation, Instructional Systems Technology, Indiana University, Bloomington, IN.	Dissertation of the Year Award selected by the faculty of the Instructional Systems Technology Department of the School of Education at Indiana University Bloomington to be recognized for excellence in scholarship.

Teaching

Awards

Steven M. Rose Teaching and Learning Faculty Fellowship 2018-2021, Brigham Young University – this university award "to recognize achievement in and support for mentoring and teaching and learning and mentoring activities" by faculty.

Brigham Young University, Provo, UT

Courses

IPT 538, Teaching in Online and Blended Learning Environments [Instructor]
IPT 638, IPT 692R Research in Blended and Online Learning Environments [Instructor]
IPT 373 Teaching in K-12 Online and Blended Learning Contexts [Instructor, Coordinator]
IPT 564 Instructional Design (Online Learning Emphasis) [Instructor]
IPT 520, IPT 692R Foundations of Instructional Technology [Instructor]
IPT 692R Distance Education [Instructor]
IPT 790R Current Issues in Online and Blended Learning [Instructor]
IPT 790R Computer Support for Collaborative Learning: Readings and Research [Instructor]
IPT 656 Qualitative Inquiry in Education [Instructor]
IPT 515R Teaching Online and Blended Learning in Higher Education [Instructor]
IPT 515R Human Computer Interaction Design [Instructor]
IPT 515R Microcomputers in the Schools [Instructor]
IPT 287 Instructional Technology for EAC, ElEd & SpEd [Instructor, Coordinator]
IPT 286 Instructional Technology in Teaching [Instructor, Coordinator]
IPT 334 Integrating Technology into Early Childhood Education [Instructor, Coordinator]
IPT 444 Integrating Technology into Elementary Education [Instructor, Coordinator]

Student PhD Dissertations Chaired

Ikahihifo, T. (2019). Self-determination theory and student emotional engagement in higher education. In progress.

Pulham, E. (2018). K-12 blended teaching competencies. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Young, E. H. (2018). Promoting second language learning through oral asynchronous computer-mediated communication. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Thomas, J. E. (2018). Current state of online teaching evaluation processes in post-secondary institutions. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Spring, K. J. K. (2018). Academic communities of engagement and their influence on student engagement. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Bodily, R. (2018). Designing, developing, and implementing real-time learning analytics student dashboards. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Manwaring, K. C. (2017). Emotional and cognitive engagement in higher education classrooms. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Oviatt, D. R. (2017). Online students' perceptions and utilization of a proximate community of engagement at an online independent study program. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Halverson, L. M. R. (2016). Conceptualizing blended learning engagement. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Henrie. C. R. (2016). Measuring student engagement in technology-mediated learning environments. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Porter, W. W. (2014). Institutional adoption of blended learning in higher education. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Drysdale, J. S. (2013). Online facilitators and sense of community in k-12 online learning. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Borup, J. (2013). Types, subjects, and purposes of k-12 online learning interactions. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Velasquez, A. (2012). Technology-mediated caring in online teaching and learning. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Boyce, B. G. (2011). Understanding learning interactions in the home-study and technology-mediated seminary program for youth in the Church of Jesus Christ of Latter-day Saints. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Holt, J. A. (2011). Teach One Another activities in online courses at Brigham Young University–Idaho. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Hawkins, A. (2011). "We're definitely on our own": Interaction and disconnection in a virtual high school. Unpublished doctoral dissertation, Brigham Young University, Instructional

Psychology and Technology.

Griffiths, M. E. (2010). Improving the asynchronous video learning model. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Cox, S. (2008). A conceptual analysis of Technological Pedagogical Content Knowledge. Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Wright, G. (2008). How Does Video Analysis Impact Teacher Reflection-For-Action? Unpublished doctoral dissertation, Brigham Young University, Instructional Psychology and Technology.

Browne, J. (2007). Evidence supporting the validity of inferences required by the intended uses of the Technology Integration Confidence Inventory. Unpublished Doctoral Dissertation, Brigham Young University, Instructional Psychology and Technology.

Rogers, P. C. (2006). Exploring cultural competence in the lived experience of instructional designers. Unpublished Doctoral Dissertation, Brigham Young University, Instructional Psychology and Technology.

Rasmussen, R. C. (2003). The quantity and quality of human interaction in a synchronous blended learning environment. Unpublished Doctoral Dissertation, Brigham Young University, Instructional Psychology and Technology.

Student MS Theses Chaired

Arnesen, K. T. (2019). Understanding adult English language learners' experience with self-regulation in a blended English language course. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Turley, C. A. (2018). Interaction, student satisfaction, and teacher time investment in online high school courses. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

McAllister, L. A. (2016). Preparation for online k-12 teachers. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Spring, K. J. (2015). Patterns in impact, publication and themes in international blended learning. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Martinez, S. A. (2011). Spiritually strengthening learning environments in higher education. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Smith. N. M. (2010). Investigating the reliability and construct validity of a measure of preservice teachers' self-efficacy for TPACK. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Tripp, T. R. (2009). Understanding the use of video analysis tools to facilitate reflection among pre-service teachers. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Ransom, W. (2008). The scholarship of teaching: Contributing factors to improved teaching performance among university faculty members. Unpublished MS thesis, Brigham Young University, Instructional Psychology and Technology.

Dye, B. R. (2007). Reliability of pre-service teachers' coding of teaching videos using a video-

analysis tool. Unpublished MS Thesis, Brigham Young University, Instructional Psychology and Technology.

Griffiths, M. E. (2007). Patterns of user activity in the Blackboard course management system across all courses in the 2004-2005 academic year at Brigham Young University. Unpublished MS Thesis, Brigham Young University, Instructional Psychology and Technology.

West, R. E. (2005). Using live modeling to train preservice teachers to integrate technology into their teaching. Unpublished MS Thesis, Brigham Young University, Instructional Psychology and Technology.

Student MS Projects Chaired

Nielsen, B. D. (2016). Exploring online courses: A new direction for Isakson Literacy. Unpublished MS development project, Brigham Young University, Instructional Psychology and Technology.

Luke, B. (2016). Asynchronous reform-based mathematics learning. Unpublished MS development project, Brigham Young University, Instructional Psychology and Technology.

Huyett, S. (2015). Designing a oucrse on teaching in online and blended k-6 environments. Unpublished MS development project, Brigham Young University, Instructional Psychology and Technology.

Matthews, M. (2014). Developing a blended approach to faculty development consultations. Unpublished MS development project, Brigham Young University, Instructional Psychology and Technology.

Rudd, C. (2009). Planning their first language lesson: Applying constructivist values to the design of objective training for part-time teachers at the Missionary Training Center. Unpublished MS development project, Brigham Young University, Instructional Psychology and Technology.

Velasquez, A. (2009). The design of a blended approach for teaching the TPCK framework in a technology integration course. Unpublished MS development project, Brigham Young University, Instructional Psychology and Technology.

Richards, C. M. (2007). *An evaluation of student response systems used at Brigham Young University*. Unpublished MS Evaluation Project, Brigham Young University, Instructional Psychology and Technology.

Joeckel, G. L. (2007). *An evaluation of compatibility, effectiveness, utility, and implementation of plagiarism-detection software operating in the honor code environment at Brigham Young University*. Unpublished MS Evaluation Project, Brigham Young University, Instructional Psychology and Technology.

Smith, B. L. (2007). Evaluating the feasibility of a performance improvement initiative at BYU Broadcasting. Unpublished MS evaluation project, Brigham Young University, Instructional Psychology and Technology.

Indiana University, Bloomington, IN

R695 Research Issues in Distance Education [Assistant Instructor, Spring 2002]
P540 Learning and Cognition in Education [Co-Instructor, Summer I & II 2001]

W200 Computers in Education [Instructor, Spring 2001]
R685 Human-Computer Interface Design [Student Mentor, Spring 1999]
A110 Introduction to Computers and Computing [Substitute Instructor, 1999]

Ivy Tech State College, Bloomington, IN

C290 Human-Computer Interface Design [Instructor, Spring 2001]
C101 Introduction to Computers [Instructors, Fall 1999]

University of Illinois, Urbana, IL

ECE110 Introduction to Electrical and Computer Engineering [Teaching Assistant, 1997]

Brigham Young University, Provo, UT

EE324 Micro-controller Design [Instructor, Summer 1994]
C Programming Lab [Lab Instructor]
Digital Design Lab [Lab Instructor]
Micro-controller Design Lab [Lab Instructor]

Citizenship

Professional

Associate Editor, *Online Learning* (formally the Journal of Asynchronous Learning Networks)
(2015-)
Executive Advisory Board member for the *Journal of Online Learning Research* (2014-)
Steering Committee Member, 12th Annual Online Learning Consortium Blended Learning
Conference and Workshop (2014-2015)
Conference Chair, 11th Annual Online Learning Consortium Blended Learning Conference and
Workshop (2013-2014)
Program Chair, 10th Annual Sloan Consortium Blended Learning Conference and Workshop
(2012-2013)
Sloan-C JALN advisory panel on Student Engagement, Support and Success (2011-2012)
Editorial Review Board for the International Journal of Mobile and Blended Learning (2008-
2010)
Utah Coalition for Educational Technology Board Member (2006-2008)
Review Board for *TechTrends* a journal sponsored by the Association for Educational
Communications and Technology (2005-2010)
Reviewer for the following journals:
- Computers & Education
- Internet and Higher Education

- American Educational Research Journal (AERJ)
- Educational Technology Research and Development (ETR&D)
- Research and Practice in Technology Enhanced Learning
- Teaching and Learning in Medicine
- Active Learning in Higher Education (ALHE)
- International Review of Research in Open and Distributed Learning (IRRODL)
- Online Learning (OLJ) [formally Journal of Asynchronous Learning Networks (JALN)]
- Journal of Computing in Higher Education (JCHE)
- Journal of Online Learning Research (JOLR)
- Distance Education
- Instructional Science
- Small Group Research
- Journal of Computer-Mediated Communications
- TechTrends

International Student Media Festival Judging Coordinator, Association for Educational Communications and Technology (2003)
Computer Support for Collaborative Learning Conference Student Volunteer (2002)

Institutional

Brigham Young University, McKay School of Education, Center for the Improvement of Teacher Education and Schooling (CITES) Professional Development Coordinating Council (2018-)
Brigham Young University, McKay School of Education, Center for the Improvement of Teacher Education and Schooling (CITES) Leader Associates Planning Committee (2017-)
Brigham Young University, Online Student Ratings Committee (2016)
Brigham Young University, Technology in the Classroom Advisory Committee (2012-2013)
Brigham Young University, Academic Innovations Task Force (2011-2012)
Brigham Young University, Educator Preparation Program Executive Committee, Chair (2010-2014)
Brigham Young University, University Council on Teacher Education (2010-2014)
Brigham Young University, University Curriculum Council (2010-2014)
Brigham Young University, Faculty Advisory Council (2009)
Brigham Young University, Commencement Planning Committee (2009)
Brigham Young University, McKay School of Education Graduate Assessment Committee (2007-2008)
Brigham Young University, McKay School of Education IRB Committee (2006-2009)
Brigham Young University, McKay School of Education University Conference Planning Committee (2006, 2007)
Brigham Young University, Educator Preparation Program Design Committee (2005)
Brigham Young University, Center for the Improvement of Teacher Education and Schooling (CITES) Associates Program (2005-2006)
Brigham Young University, Center for Instructional Design Faculty Advisory Board (2005)
Brigham Young University, CITES Elementary and Early Childhood Education Partnership

Advisory Council (2003)

Brigham Young University, CITES School of Education Partnership Resource Committee (Grant Taskforce) (2002-2005)

Brigham Young University, Teacher Education Department, Electronic Portfolio Committee (2002-2003)

Indiana University, Adaptive Technology Student Advisory Board (2002)

Indiana University, Instructional Systems Technology, Distance MS Orientation Planning Committee (2001)

Indiana University, Instructional Systems Technology, Distance MS Degree Program Planning Committee (2000)

Brigham Young University, Engineering and Technology Joint Council Representative (1994)