Jason K McDonald

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Education

PhD, Brigham Young University (Provo, UT), Department of Instructional Psychology & Technology, 2006
> Dissertation Title – Technology I, II, and III: Criteria for Understanding and Improving the Practice of Instructional Technology
> Major Professor: Andrew S. Gibbons

MS, Brigham Young University (Provo, UT), Department of Instructional Psychology & Technology, 2003
> Thesis Title – The Rise and Fall of Programmed Instruction: Informing Instructional Technologists Through a Study of the Past
> Major Professor: Russell T. Osguthorpe

BS Magna cum Laude, Brigham Young University (Provo, UT), Department of Sociology, 1999.
> Minor: Business Management; Member: Phi Kappa Phi; Golden Key

Publications

Journal articles

MacKay, M. H., McDonald, J. K., & Reed, A. C. (2024). Designing for relational ethics in online and blended learning: Levinas, Buber, and teaching interfaith ethics. *Studies in Philosophy and Education*. https://doi.org/10.1007/s11217-024-09971-2

McDonald, J. K., & Costa, I. M. (2024). A critique of calculation and optionalization applied to online/blended course design. *Journal of Computing in Higher Education*. https://doi.org/10.1007/s12528-024-09409-1

West, S., Francis, H., Flox, C., Beyal, B., Soderborg, E., & McDonald, J. K. (2024). The NACI way: Connecting native groups and teachers through culturally responsive instructional design. *International Journal of Designs for Learning. 15*(2), 26-40. https://doi.org/10.14434/ijdl.v15i2.36081

Costello, E., McDonald, J. K., Macgilchrist, F., Jandrić, P., Carbonel, H., Crighton, S., Buch, A., & Peters, M. A. (2024). Speculative practicescapes of learning design and dreaming. *Postdigital Science and Education*. https://doi.org/10.1007/s42438-024-00465-5

McDonald, J. K., & Yanchar, S. C. (2024). Understanding trust in online course design. *TechTrends*. https://doi.org/10.1007/s11528-024-00940-7

McDonald, J. K., & Westerberg, T. J. (2023). Learning experience design as an orienting guide for practice: Insights from designing for expertise. *Journal of Applied Instructional Design. 12*(3), 201-214. https://doi.org/10.59668/515.12898

McDonald, J. K., & Yanchar, S. C. (2023). Instructional designer perspectives on the pursuit of quality in online course design. *Journal of Computing in Higher Education*. https://doi.org/10.1007/s12528-023-09388-9

Giboney, J. S., Bonsignore, E. M., McDonald, J. K., Hansen, D. L., Mata, L, & Balzotti, J. (2023). Perception of "This is not a game": Definition and measurement. *International Journal of Human-Computer Interaction*. https://doi.org/10.1080/10447318.2023.2221598

McDonald, J. K. (2023). The everydayness of instructional design and the pursuit of quality in online courses. *Online Learning, 27*(2), 137-169. https://doi.org/10.24059/olj.v27i2.3470

Bradshaw, E. D., & McDonald, J. K. (2023). Informal practices of localizing open educational resources in Ghana. *The International Review of Research in Open and Distributed Learning, 24*(2), 18-36. https://doi.org/10.19173/irrodl.v24i2.7102

McDonald, J. K., Balzotti, J., Franklin, M., Haws, J., & Rowan, J. (2023). "Are these people real?" Designing and playtesting an alternative reality, educational simulation. *International Journal of Designs for Learning, 14*(1), 34-42. https://doi.org/10.14434/ijdl.v14i1.34682

Balzotti, J., Haws, K., Rogers, A. A., McDonald, J. K., & Baker, M. J. (2022). Microcore: Using online playable case studies to increase student engagement in online writing environments. *Journal of Applied Instructional Design, 11*(3). https://edtechbooks.org/jaid_11_3/_microcore_using_onl

McDonald, J. K., Elsayed-Ali, S., Bowman, K., & Rogers, A. A. (2022). Considering what faculty value when working with instructional designers and instructional design teams. *Journal of Applied Instructional Design, 11*(3). https://edtechbooks.org/jaid_11_3/_considering_what_fa

Zundell, R. S., Sowards, W., Howell, S. L., & McDonald, J. K. (2022). Introducing undergraduates to instructional design in a graduate studio: An experiential model-centered approach. *Journal of Applied Instructional Design, 11*(3). https://edtechbooks.org/jaid_11_3/introducing_undergra

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McDonald, J. K., Stefaniak, J. & Rich, P. J. (2022). Expecting the unexpected: A collaborative autoethnography of instructors' experiences teaching advanced instructional design. *TechTrends, 66*(1), 90-101. https://doi.org/10.1007/s11528-021-00677-7

Stefaniak, J., & McDonald, J. K. (2022). Introduction to the special issue on ethnographic experiences in learning design. *TechTrends, 66*(1), 2-3. https://doi.org/10.1007/s11528-021-00691-9

McDonald, J. K., Bowman, K., & Elsayed-Ali, S. (2021). Objectivation in design team conversation. *Design Studies*, *77*, Article 101045. https://doi.org/10.1016/j.destud.2021.101045

McDonald, J. K., & Rogers, A. A. (2021). "I can do things because I feel valuable": Authentic project experiences and how they matter to instructional design students. *Journal of Applied Instructional Design, 10*(2). https://edtechbooks.org/jaid_10_2/i_can_do_things_beca

McDonald, J. K., Jackson, B. D., & Hunter, M. B. (2021). Understanding distinctions of worth in the practices of instructional design teams. *Educational Technology Research and Development, 69*(3), 1641-1663. https://doi.org/10.1007/s11423-021-09995-2

Giboney, J. S., McDonald, J. K., Balzotti, J., Hansen, D. L., Winters, D., & Bonsignore, E. (2021). Increasing cybersecurity career interest through playable case studies. *TechTrends, 65*(4), 496-510. https://doi.org/10.1007/s11528-021-00585-w

McDonald, J. K., & Michela, E. (2020). 'This is my vision': How students depict critiques along with themselves during critiques. *Journal of Design Research, 18*(1/2), 57-79. https://doi.org/10.1504/JDR.2020.10033227

Stefaniak, J., Reese, R. M., & McDonald, J. K. (2020). Design considerations for bridging the gap between instructional design pedagogy and practice. *Journal of Applied Instructional Design*, *9*(3). https://edtechbooks.org/jaid_9_3/instructional_design_pedagogy

McDonald, J. K., & Yanchar, S. C. (2020). Towards a view of originary theory in instructional design. *Educational Technology Research and Development, 68*(2), 633-651. https://doi.org/10.1007/s11423-019-09734-8

McDonald, J. K. (2019). Designing for informal learning: The case of a mobile eReader. *International Journal of Designs for Learning, 10*(1), 91-102. https://doi.org/10.14434/ijdl.v10i1.23546

McDonald, J. K., West, R. E., Rich, P. J., & Pfleger, I. (2019). "It's so wonderful having different majors working together": The development of an interdisciplinary design thinking minor. *TechTrends, 63*(4), 440-450. https://doi.org/10.1007/s11528-018-0325-2

McDonald, J. K., & Michela, E. (2019). The design critique and the moral goods of studio pedagogy. *Design Studies*, *62*, 1–35. https://doi.org/10.1016/j.destud.2019.02.001

McDonald, J. K., Rich, P. J., & Gubler, N. B. (2019). The perceived value of informal, peer critique in the instructional design studio. *TechTrends, 63*(2), 149-159. https://doi.org/10.1007/s11528-018-0302-9

Brau, R. I., Gardner, J. W., Webb, G. S., & McDonald, J. K. (2019). Teaching plan-do-study-act (PDSA) in a supply chain context: A paper football in-class activity. *Decision Sciences Journal of Innovative Education, 17*(1), 6-32. https://doi.org/10.1111/dsji.12171

McDonald, J. K. (2018). The instructional design studio as an example of model-centered instruction. *Journal of Applied Instructional Design*, 7(2), 5-16. https://docs.wixstatic.com/ugd/c9b0ce_e052a41d352b4af58c9e9b771256e0a6.pdf

Slagter von Tryon, P. J., McDonald, J. K., & Hirumi, A. (2018). Preparing the next generation of instructional designers: A cross-institution faculty collaboration. *Journal of Computing in Higher Education, 30*(1), 125-153. doi:10.1007/s12528-018-9167-3

Matthews, M. T., Williams, G. S., Yanchar, S. C., & McDonald, J. K. (2017). Empathy in distance learning design practice. *TechTrends, 61*(5), 486-493. doi:10.1007/s11528-017-0212-2

McDonald, J. K. (2016). Embracing the danger: Accepting the implications of innovation. *Educational Technology, 56*(6), 14-17.

Hadlock, C. A., & McDonald, J. K. (2014). Design-driven innovation as seen in a worldwide, values-based curriculum. *Educational Technology, 53*(4), 15-22.

McDonald, J. K. (2011). The creative spirit of design. *TechTrends, 55*(5), 53-57.

McDonald, J. K. (2010). Resisting technological gravity: Using guiding principles for instructional design. *Educational Technology, 50*(2), 8-13.

McDonald, J. K. (2009). Imaginative instruction: What master storytellers can teach instructional designers. *Educational Media International, 46*(2), 111-122.

McDonald, J. K., & Gibbons, A. S. (2009). Technology I, II, and III: Criteria for understanding and improving the practice of instructional technology. *Educational Technology Research and Development, 57*(3), 377-392.

McDonald, J. K., Yanchar, S. C., & Osguthorpe, R. T. (2005). Learning from programmed instruction: Examining implications for modern instructional technology. *Educational Technology Research and Development, 53*(2), 84-98.

Books and book chapters

Rogers, A., & McDonald, J. K. (2024). Cassie Standage: Developing a workplace violence prevention training. In P. A. Ertmer, K. D. Glazewski, A. A. Koehler, & J. E. Stefaniak

(Eds.), *The ID casebook: Case studies in instructional design* (6th ed., pp. 307-318). Routledge.

McDonald, J. K. (2024). Using theory as a learning and instructional design professional. In J. K. McDonald, & R. E. West (Eds.), *Design for learning: Principles, processes, and praxis*. EdTech Books. Retrieved from https://edtechbooks.org/id/future_views_of_theory_in_learning_and_instructional_design

Gibbons, A. S., & McDonald, J. K. (2023). ISD and functional design layering. In R. E. West, & H. Leary (Eds.), *Foundations of learning and instructional design technology: Historical roots & current trends* (2nd ed.). EdTech Books. Retrieved from https://edtechbooks.org/foundations_of_learn/24_design_layers

McDonald, J. K. (2023). The future of the field is not design. In R. E. West, & H. Leary (Eds.), *Foundations of learning and instructional design technology: Historical roots & current trends* (2nd ed.). EdTech Books. Retrieved from https://edtechbooks.org/foundations_of_learn/future_not_design

McDonald, J. K. (2022). A framework for phronetic LDT theory. In H. Leary, S. P. Greenhalgh, K. B. Staudt Willet, & M-H. Cho (Eds.), *Theories to influence the future of learning design and technology*. EdTech Books. Retrieved from https://edtechbooks.org/theory_comp_2021/framework_phronetic_LDT_mcdonald.

McDonald, J. K. (2022). Preparing instructional design students for reflective practice. In J. E. Stefaniak, & R. M. Reese (Eds.), *The instructional design trainer's guide: Authentic practices and considerations for mentoring for ID and ed tech professionals* (pp. 29-37). Routledge.

McDonald, J. K. (2021). Instructional design as a way of acting in relationship with learners. In B. Hokanson, M. Exter, A. Grincewicz, M. Schmidt, & A. A. Tawfik (Eds.), *Learning: Design, engagement, and definition* (pp. 41–55). Springer Nature Switzerland AG. https://doi.org/https://doi.org/10.1007/978-3-030-85078-4_4

Neupane, A., Gedris, K., McDonald, J. K., Hansen, D. L., & Balzotti, J. (2021). Balancing competing goods: Design challenges associated with complex learning. In B. Hokanson, M. Exter, A. Grincewicz, M. Schmidt, & A. A. Tawfik (Eds.), *Learning: Design, engagement and definition* (pp. 181–190). Springer Nature Switzerland AG. https://doi.org/https://doi.org/10.1007/978-3-030-85078-4_14

McDonald, J. K., Michela, E. & Rich, P. J. (2021). Navigating worlds of significance: How design critiques matter to studio participants. In S. W. Zollinger, & J. Nyboer (Eds.), *Effective design critique strategies across disciplines*. University of Minnesota Publishing. Retrieved from https://doi.org/10.24926/edc.202

Eichler, B., and McDonald, J. K. (2021). Implementation and instructional design. In J. K. McDonald, & R. E. West (Eds.), *Design for learning: Principles, processes, and praxis*. EdTech Books. Retrieved from https://edtechbooks.org/id/implementation_and_i

McDonald, J. K. (2021). The design of holistic learning environments. In J. K. McDonald, & R. E. West (Eds.), *Design for learning: Principles, processes, and praxis*. EdTech Books. Retrieved from https://edtechbooks.org/id/the_design_of_holistic

McDonald, J. K. & West, R. E. (Eds.) (2021). *Design for learning: Principles, processes, and praxis*. EdTech Books. Retrieved from https://edtechbooks.org/id/

McDonald, J. K. (2021). The Skinnerian teaching machine (1953-1968). In E. Boling, C. M. Gray, C. D. Howard, & J. Baaki (Eds.), *Historical instructional design cases: ID knowledge in context and practice* (pp. 85-103). Routledge.

McDonald, J. K., West, R. E., Rich, P. J., & Hokanson, B. (2020). Instructional design for learner creativity. In M. J. Bishop, E. Boling, J. Elen, & V. Svihla (Eds.), *Handbook for research in educational communications and technology* (5th ed., pp. 375-399). Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-36119-8_17

Johnson, M. C., Seawright, L. L., & McDonald, J. K. (2020). A design case of an enterprise-wide learning management system. In M. J. Bishop, E. Boling, J. Elen, & V. Svihla (Eds.), *Handbook for research in educational communications and technology* (5th ed., pp. 675-688). Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-36119-8_31

Michela, E., & McDonald, J. K. (2020). Relationships, feedback, and student growth in the design studio: A case study. In B. Hokanson, G. Clinton, A. A. Tawfik, A, Grincewicz, & M. Schmidt (Eds.), *Educational technology beyond content: A new focus for learning* (pp. 183-192). Springer Nature Switzerland AG. https://doi.org/10.1007/978-3-030-37254-5_16

Winters, D. M., McDonald, J. K., Hansen, D. L., Johnson, T. W. Balzotti, J., Bonsignore, E., & Giboney, J. S. (2020). The playable case study: An online simulation for skill and attitudinal learning. In B. Hokanson, G. Clinton, A. A. Tawfik, A, Grincewicz, & M. Schmidt (Eds.), *Educational technology beyond content: A new focus for learning* (pp. 127-140). Springer Nature Switzerland AG. http://doi.org/10.1007/978-3-030-37254-5_11

McDonald, J. K. (2008). Translate to communicate: Facilitating client understanding of design languages. In L. Botturi & S. T. Stubbs (Eds.), *Handbook of visual languages for instructional design: Theories and practices* (pp. 18-32). IGI Global.

Presentations and Conference Proceedings

Boling, E., McDonald, J. K., & Shepherd, C. (2024, October). *Publishing perspectives: Meet the editors of learning design journals*. Panel discussion for the AECT International Division.

Costello, E. McDonald, J. K., & Grigorescu, I. (2024, August). *Superheroes and villains of learning design: A disasterclass.* Panel discussion at the Civics of Technology 2024 online conference.

McDonald, J. K. (2024, August). *Technology, innovation, education, and the bandwagon of design: Is this really the best we have?* Presentation at the Civics of Technology 2024 online conference.

McDonald, J. K. (2024, June). *Beyond coding: How I learned to embrace the diversity in qualitative research (and you can, too!).* Presentation to the Dublin City University Institute of Education, Dublin, Ireland.

McDonald, J. K. (2024, June). *Futures for online learning.* Presentation to the Dublin City University Teaching Enhancement Unit, Dublin, Ireland.

McDonald, J. K. (2024, May). *Human-centered learning design: Is it really as human as we claim?* Presentation at EdTech 2024, the annual meeting of the Irish Learning Technology Association, Sligo, Ireland.

McDonald, J. K., Moore, S. L., & Schmidt, M. M. (2024, April). *Welcome to the machine: Is instructional design steering us towards online learning Nirvana or Apocalypse?* Presentation at the annual OLC Innovate: Education Reimagined Online Conference.

West, R. E., & McDonald, J. K. (2024, March). *EdTech Books: Creating successful graduate-level open textbooks.* Presentation at the annual Teach and Learn with Open Educational Resources online conference.

Stefaniak, J., McDonald, J. K., Romero Hall, E., Koehler, A., & Tang, H. (2023, October). *Practices, considerations, and reflections for teaching advanced instructional design courses.* Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

McDonald, J. K. (2023, October). *How do instructional designers pursue online course quality?* Presentation at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

Westerberg, T., & McDonald, J. K. (2023, October). *Expansive practices of learning experience design: Insights from designing for expertise.* Presentation at the annual meeting of the Association for Educational Communications and Technology, Orlando, FL.

McDonald, J. K. (2023, October). *Experiential learning in online courses.* Presentation at the annual BYU Online Faculty Training, Provo, UT.

McDonald, J. K. (2022, November). *Do it well. Make it yours*. Presentation at the annual BYU Learning Edge conference, Provo, UT.

Earnshaw, Y., Johnston, J. C., & McDonald, J. K. (2022, October). *Preparing instructional designers for the workplace: Integrating project management skills*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

Johnston, J. C., Earnshaw, Y., McDonald, J. K., & Stefaniak, J. (2022, October). *Preparing future practitioners for the complexity of ID project management*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

Stefaniak, J., Reese, R., Lockee, B., Romero-Hall, E., Sockman, B. R., & McDonald, J. K. (2022, October). *Authentic practices and considerations for ID professionals*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

McDonald, J. K. (2022, October). *The unplanned, emergent methods of instructional design teams*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

Stefaniak, J., McDonald, J. K., Lohman, L., Boer, P., Romero-Hall, E., Ren, X., Koehler, A., & Moon, J. (2022, October). *Ethnographic experiences in learning design*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

Bonsignore, E., Hansen, D., Hickey, D., Piety, P., Chartrand, G., Gedris, K., Cross, M., Giboney, J. Balzoti, J., McDonald, J. K., Kartchner, K. (2022, June). *The playable case study authoring and simulation platform*. Paper presented at the annual meeting of the International Society of the Learning Sciences, Hiroshima, Japan, and online convention.

McDonald, J. K., & West, R. E. (2021, November). *Envisioning design in the post-pandemic era of learning*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

McDonald, J. K. (2021, November). *"I can do things because I feel valuable": Authentic project experiences in instructional design education*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Slagter von Tryon, P. J., Hirumi, A., & McDonald, J. K. (2021, November). *Preparing the next generation of instructional designers: Prerequisite skills for beginning study in instructional design*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

McDonald, J. K., Stefaniak, J., Rich, P. J. (2021, November). *Collaborative autoethnography of instructors' experiences teaching advanced instructional design*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

Beese, E. B., Honebein, P. C., Reigeluth, C. M., McDonald, J. K. (2021, November). *Three visiosn of the scholarly bridge between research and practice*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

McDonald, J. K. (2021, November). *A framework for phronetic LDT theory*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Chicago, IL.

McDonald, J. K. (2021, September). *Project management in instructional design*. Keynote presentation at the Georgia Association for Instructional Technology Webinar Series, online meeting.

Laufer, K., & McDonald, J. K. (2020, November). *Experiential learning research opportunities*. Panel discussion at the 2020 Experiential Learning Summit Series, online convention.

Hirumi, A., Slagter van Tryon, P. J., McDonald, J. K., & Hokanson, B. (2020, November). *Fostering creativity in the next generation of instructional designers*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, online convention.

McDonald, J. K., & West, R. E. (2020, November). *Design for learning: Principles, processes, and praxis. An open textbook for instructional design*. Presentation at the annual meeting of the Association for Educational Communications and Technology, online convention.

Stefaniak, J., Stapleton, L., Conklin, S. A., & McDonald, J. K. (2020, November). *Mitigating uncertainty: An exploration of design thinking strategies to support design challenges in real-world contexts*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, online convention.

McDonald, J. K., & West, R. E. (2020, November). *Design for learning: Principles, processes, and praxis. An open textbook for instructional design*. Poster presented at the annual meeting of the Association for Educational Communications and Technology, online convention.

McDonald, J. K. (2020, March). *"This is my vision": How students depict feedback along with themselves when receiving feedback*. Presentation at the annual Teaching for Learning Conference (T4LConf2020), Provo, UT.

McDonald, J. K., Hunter, M., & Jackson, B. (2019, October). *Being an instructional designer: Understanding their world of significance*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

Graham, C. R., & McDonald, J. K. (2019, January). *Renewal on campus: The creation of the design thinking minor*. Presentation at the BYU-Public School Partnership Leaders Associates Meeting, St. George, UT.

McDonald, J. K., Hansen, D. L., Balzotti, J., Johnson, T., Winters, D. M., Giboney, J., & Bonsignore, E. (2019, January). *Designing authentic cybersecurity experiences: Lessons from the Cybermatics playable case study*. Paper presented at the 52nd Hawaii International Conference on System Sciences (HICSS), Maui, HI.

Giboney, J., Hansen, D. L., McDonald, J. K., Balzotti, J., Johnson, T., Winters, D. M., & Bonsignore, E. (2019, January). *Theory of experiential career exploration technology (TECET): Increasing cybersecurity career interest through playable case studies*. Paper presented at the 52nd Hawaii International Conference on System Sciences (HICSS), Maui, HI.

McDonald, J. K. (2018, November). *Design thinking: Developing student creativity*. Presentation at the annual BYU Learning Edge conference, Provo, UT.

McDonald, J. K., Slagter von Tryon, P. J., Hirumi, A., & Young, P. (2018, October). *Facilitating "learning for all" through the preparation of the next generation of instructional designers*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

McDonald, J. K., & Michela, E. (2018, October). *The significance of the critique in the ecology of design studio education*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Michela, E., & McDonald, J. K. (2018, October). *Mentorship through critique: A case study*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Stefaniak, J., Reese, R. R., Ralston-Berg, P., Ritzhaupt, A. D., Resig, J., & McDonald, J. K. (2018, October). *Design considerations for bridging the gap between practice and pedagogy*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Wilson, B. G., Asino, T. I., Lowenthal, P., McDonald, J. K., & Stefaniak, J. (2018, October). *Becoming learning designers: A journey for new professionals (with help from academic programs)*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

Winters, D. M., McDonald, J. K., Hansen, D. L., & Balzotti, J. (2018, October). *Cybermatics playable case study: Teaching cybersecurity through interactive simulations*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Kansas City, MO.

McDonald, J. K. (2017, November). *A framework for classifying design studio pedagogy*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL.

Slagter von Tryon, P. J., Hirumi, A., & McDonald, J. K. (2017, November). *Preparing the next generation of instructional design leaders*. Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Jacksonville, FL.

McDonald, J. K. (2016, October). *Surviving and thriving during digital disruption*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Las Vegas, NV.

McDonald, J. K. (2016, September). *Improving studio pedagogy: Theory and practice*. Presentation at the USU Instructional Technology and Learning Sciences seminar, Logan, UT.

McDonald, J. K. (2016, June). *Design empathy: Case study*. Presentation at the annual meeting of the Instructional Design Learning Community, Salt Lake City, UT.

McDonald, J. K. (2016, June). *Design empathy: Foundations*. Presentation at the annual meeting of the Instructional Design Learning Community, Salt Lake City, UT.

Howell, S. L., Nielson, D. C., McDonald, J. K., & Seawright, L. L. (2013, November). *Working as a design professional*. Presentation at the annual meeting of the Instructional Design Learning Community, Salt Lake City, UT.

McDonald, J. K. (2013, November). *Authentic storytelling*. Presentation at the annual meeting of the Instructional Design Learning Community, Salt Lake City, UT.

McDonald, J. K. (2011, June). *Using social media in instructional products*. Presentation at the annual meeting of the Social Technology Council. Salt Lake City, UT.

McDonald, J. K. (2010, December). *Imaginative instruction*. Presentation at the Northern Iowa University Instructional Technology seminar, Cedar Falls, IA.

McDonald, J. K. (2010, October). *Resisting technological gravity: Using guiding principles for instructional design*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

McDonald, J. K. (2010, September). *Imagination, creation, inter-discipline: Guiding principles for HPT*. Presentation at ISPI-Utah, Salt Lake City, UT.

McDonald, J. K. (2010, June). *Resisting technological gravity: Using guiding principles for instructional design*. Presentation at the 6th annual Teaching with Technology Idea Exchange, Salt Lake City, UT.

McDonald, J. K. (2009, October). *Imaginative instruction: What master storytellers can teach instructional designers*. Presentation at the annual meeting of the Association for Educational Communications and Technology, Louisville, KY.

Gibbons, A. S., & McDonald, J. K. (2008, June). *Operational principles*. Presentation at the 4th annual Teaching with Technology Idea Exchange, Orem, UT.

McDonald, J. K. (2008, June). *Imaginative instruction: What master storytellers can teach instructional designers*. Presentation at the 4th annual Teaching with Technology Idea Exchange, Orem, UT.

Singley, B. G., Hotchkiss, R. H., & McDonald, J. K. (2008, June). *Computer-based instruction for engineering education in the developing world*. Paper presented at the Conference of the American Society for Engineering Education, Pittsburg, PA.

McDonald, J. K. (2007, October). *Technological gravity.* Paper presented at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

Botturi, L., Stubbs, S. T., Derntl, M., Gibbons, A. S., Hokanson, B., McDonald, J. K., & Parrish, P. (2007, October). *Creativity and method: Exploring design languages in instructional design.* Panel discussion at the annual meeting of the Association for Educational Communications and Technology, Anaheim, CA.

McDonald, J. K., & Rogers, P. C. (2007, September). *Principle-based design: Adjusting instructional approaches for new environments*. Paper presented at the Open Education 2007 conference, Logan, UT.

McDonald, J. K. (2007, September). *Selecting product alternatives*. Presentation to the Salt Lake Product Management Association, Salt Lake City, UT.

Osguthorpe, R. T., Rogers, P. C., & McDonald, J. K. (2007, April). *Raising expectations by improving instructional help*. Paper presented at the annual conference of the American Educational Research Association, Chicago, IL.

McDonald, J. K. (2007, January). *Technological gravity*. Presentation at the Wayne State University Instructional Technology seminar, Detroit, MI.

McDonald, J. K. (2006, November). *Participatory prototyping: Improving faculty participation in technology-mediated instruction*. Paper presented at the Fourth International Conference on Multimedia and Information and Communication Technologies in Education, Seville, Spain.

Hotchkiss, R. H., McDonald, J. K., & Singley, B. G. (2006, November). *Extending sedimentation education to the developing world through instructional simulations*. Paper presented at the International Sediment Initiative (ISI) Conference, Khartoum, Sudan.

McDonald, J. K. (2005, November). *Using collaborative educational tools*. Presentation at the 2nd Annual BYU Teach-nology Conference, Provo, UT.

McDonald, J. K. (2005, November). *A multimedia lesson on random sampling*. Presentation at the 2nd Annual BYU Teach-nology Conference, Provo, UT.

Gibbons, A. S., McDonald, J. K. (2005, June). *Technological gravity*. Paper presented at the Global Chinese Conference on Computers in Education (GCCCE) 2005, Laie, HI.

Granata, G. G. & McDonald, J. K. (2004, March). *Usability concerns of the Blackboard Content Management System*. Paper presented at the Annual Blackboard Users Conference, Phoenix, AZ.

University Teaching

Undergraduate
- Instructional Technology in Special Education
- Instructional Technology in Teaching
- Instructional Design for Business and Non-Profits

Graduate
- Advanced Instructional Design
- Big Questions in Education
- Design Theory
- Emerging Perspectives in Learning and Instruction
- Introduction to Instructional Design
- Instructional Simulations
- Principles of Learning
- Project Management
- Using Media for Culture Change

University Work Experience

- Professor, Brigham Young University (Provo, UT), 2022 – Present
- Associate Professor, Brigham Young University (Provo, UT), 2016 – 2022
- Instructor, Brigham Young University (Provo, UT), 2004 – 2012
- Instructional Design Consultant, Brigham Young University (Provo, UT), 2006 – 2007
- Instructional Media Center Manager, Brigham Young University (Provo, UT), 2004 – 2006
- Instructional Technologist, Brigham Young University (Provo, UT), 2002 – 2004

Grants and Awards

Research Grants
- 2023, Immersive Problem-Based Simulations for Beartooth Digital Twin, Idaho National Laboratory, Department of Energy Grant 22120459 (Co-PI): $105,849

- 2019 – 2022, Collaboration in the Future of Work: Developing Playable Case Studies to Improve STEM Career Paths, NSF Grant 1915620 (Co-PI): $521,418

Teaching/Student Mentoring Grants
- 2024, Interfaith Design Experiential Learning, $12,591
- 2023, Open Educational Resource Design and Evaluation Project, $10,260
- 2022, Teaching Instructional Design Graduate and Undergraduate Students About Developing In-Person, Interactive Learning Experiences: $14,169
- 2021, Teaching Instructional Design Graduate and Undergraduate Students About Developing In-Person, Interactive Learning Experiences: $13,436
- 2019, Teaching Instructional Design Graduate and Undergraduate Students About Developing Interactive, Informal Learning Experiences: $16,635
- 2018, Teaching Instructional Design Undergraduate Students About Developing In-Person, Interactive Learning Experiences: $13,012
- 2018, Improving Professional Development for Instructional Design Graduate Students: $9,750
- 2018, Teaching Instructional Design Graduate Students About Developing In-Person, Interactive Learning Experiences: $1,700
- 2018, Graduate Student Travel to AECT Summer Research Symposium: $982

Awards
- Karl G. Maeser Professional Faculty Excellence Award, Brigham Young University
- 2022 Nancy Peery Marriott Excellence in Student Mentoring, David O. McKay School of Education, Brigham Young University
- 2021 2nd Place Theory Spotlight Competition, Research and Theory Division, Association for Educational Communications and Technology (awarded for the presentation *A framework for phronetic LDT theory)*.
- 2020 Design & Technology Outstanding Design Case Award, Design and Technology SIG, American Educational Research Association (awarded for the paper *Designing for informal learning: The case of a mobile eReader*).
- 2008 Best Zone Paper, American Society for Engineering Education (awarded for the paper *Computer-based instruction for engineering education in the developing world*

Industry Work Experience

- Manager of Interactive Design & Animation, LDS Motion Picture Studio (Provo, UT), 2016
- Digital Product Director, Deseret Book Company (Salt Lake City, UT), 2013 – 2016
- Portfolio Director, LDS Publishing Services Department (Salt Lake City, UT), 2012 – 2013
- Chief of Staff, LDS Media Services Department (Salt Lake City, UT), 2011 – 2012
- Director, LDS Motion Picture Studio (Provo, UT), 2010 – 2011
- Executive Producer, LDS Motion Picture Studio (Provo, UT), 2008 – 2010
- Instructional Designer, Millennial Star Network (Orem, UT), 2000 - 2002
- Learning Design Consultant, Self-Employed, 2000 – Present

- Sample Clients:
- Online Course and Multimedia Designers, LDS Business College, 2017
- Creative Consultant, FamilySearch Discovery Center, 2013
- Website Evaluator, Deseret Book, 2011
- Instructional Design Consultant, Nature's Sunshine, Inc., 2007 – 2009
- Instructional Designer, Agilix Labs, Inc., 2006
- Online Course Evaluator, Monterey Institute for Technology and Education, 2004 – 2009
- Online Course Evaluator, Industrial Training Zone, 2004
- Instructional Designer, Millennium Tax Preparation, 2000

Service

University Service
- Member, Brigham Young University Phi Kappa Phi Committee – 2025 - Present
- Member, Brigham Young University Adjunct Faculty Advisory Committee, 2023 – Present
- Member, David O. McKay School of Education Scientific Review Committee, 2023 – Present
- Member, Department of Instructional Psychology & Technology Rank and Status Committee, 2022 – Present
- Liaison, Department of Instructional Psychology & Technology Adjunct Faculty Coordination, 2020 – Present
- Chair, Department of Instructional Psychology & Technology Faculty Search Committee, 2023 – 2024
- Chair, Department of Instructional Psychology & Technology Curriculum Committee, 2019 – 2022
- Member, Department of Instructional Psychology & Technology Online Program Development Committee, 2019 – 2021
- Member, Department of Instructional Psychology & Technology Alumni Committee, 2019 – 2022
- Member, Department of Instructional Psychology & Technology Marketing Committee, 2019 – 2022
- Program Coordinator, Department of Instructional Psychology & Technology Design Thinking Minor, 2017 – 2021, 2023 – Present
- Chair, Department of Instructional Psychology & Technology Special Projects Committee, 2016 – Present
- Member, Experiential Learning Summit Planning Committee, 2020 – 2021
- Member, BYU ARTS Partnership Online Curriculum Committee, 2018 – 2019
- Member, Experiential Learning Strategic Planning Group, 2018 – 2019
- Member, Department of Instructional Psychology & Technology Curriculum Committee, 2016 – 2019
- Member, School of Education Technology Committee, 2006 – 2007
- Member, Teach-nology Expo Organizing Committee, 2004 – 2005
- Member, Learning Management System Policy Committee, 2002 – 2005

- Chair, Center for Instructional Design Hiring Committee, 2003

Professional Service
- Editor-in-chief, *Journal of Applied Instructional Design* (2024 – Present)
- Board member, *Journal of Computing in Higher Education* (2024 – Present)
- Member-at-large, AECT Research and Theory Division (2023-2025)
- Award coordinator, AECT Design and Development Outstanding Practice Award (2022 – Present)
- President, AECT Design and Development Division (2019-2020 President elect; 2020-2021 President; 2021-2022 Immediate past president)
- Judge, AECT Instructional Design and Development Competition (2016 – Present)
- Journal reviewer, *Educational Technology Research & Development* (2009 – Present)
- Journal reviewer, *International Journal of Designs for Learning* (2017 – Present)
- Journal reviewer, *TechTrends* (2017 – Present)
- Journal reviewer, *Journal of Computing in Higher Education* (2020 – Present)
- Planning committee member, PIDT annual conference (2017)

Unique Faculty Assignments
- **IP&T design studio curriculum and facilities**
  - Coordinated the planning of: (a) an integrated design studio structure for first-year IP&T students; (b) an integrated studio for second-year students who have an instructional design emphasis; and (c) integrated mentoring experiences between first and second-year instructional design studio students.
- **Design thinking minor**
  - Designed and proposed a cross-college minor in design thinking at Brigham Young University.
- **Project capstone redesign**
  - Designed a process for IP&T MS students to complete a capstone project and portfolio, rather than the single project they traditionally completed.
- **Project repository**
  - Worked with the staff at BYU's Harold B. Lee Library to create a repository for capstone projects that IP&T students complete (excluding theses and dissertations). It can be found at https://scholarsarchive.byu.edu/ipt_projects/.

Research Interests

In my research I study instructional design and educational technology in higher education. I worry they haven't lived up to the promises they've made, and in my research I've shown how instead of transforming the university for the better they've offered us a "plastic" facsimile of education that's lifeless and uninspiring. Along with this, I'm also studying if there's anything we can do to reverse this trend. We live in a world where technology and design are deeply embedded in our lives. We can't eliminate them, nor do we really want to. But are there at least things we can do to withstand their downward gravity, and rehear the call to experience education as a place of awe and wonder, that draws us into higher and nobler forms of life?