

Curriculum Vitae

MIA KIM Williams

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EDUCATION

- Arizona State University**, Tempe, AZ, USA 2008
 Ph.D. in Curriculum and Instruction, Interdisciplinary Curriculum Studies
 Dissertation Title: Imagining the Future of Public School Classrooms: Preservice Teachers' Pedagogical Perspectives about Using Information and Communication Technologies in their Future Classrooms. Chair: Gustavo Fischman, Members: Eric Margolis, Alfredo Artiles, Maria Cardelle-Elawar
- Arizona State University West**, Glendale, AZ, USA 1999
 M.Ed. Secondary Education, Educational Media & Computers
- Northern Arizona University**, Flagstaff, AZ, USA 1995
 B.S. Secondary Education: Major: English, Minor: Geology

AWARDS, HONORS, and FELLOWSHIPS

- School of Computing Faculty Fellow, University of Wyoming, Laramie, WY, 2024-2025
- Learning Analytics in STEM Education Research (LASER) Scholar, North Carolina State University, NC, 2024-2025
- Academic Writing Fellows, University of Wyoming, Laramie, WY, 2024-2025
- Center for Entrepreneurship and Innovation Faculty Fellowship, University of Wyoming, Laramie, WY, Summer 2024
- University Presidential Faculty Fellow, University of Wyoming, 2023-2024
- Learning Analytics in STEM Education Research (LASER) Scholar North Carolina State University, NC, 2023-2024
- Academic Writing Fellows, University of Wyoming, Laramie, WY, 2023-2024
- Academic Writing Fellows, University of Wyoming, Laramie, WY, 2022-2023
- President's Volunteer Service Award, United States of America, 2022
- Digital Literacy Accelerator, US Department of Education, USA, 2021-2022
- Academic Writing Fellows, University of Wyoming, Laramie, WY, 2021-2022
- Academic Writing Fellows, University of Wyoming, Laramie, WY, 2020-2021
- President's Volunteer Service Award, United States of America, 2020

- Academic Writing Fellows, University of Wyoming, Laramie, WY, 2019-2020
- Faculty Award for Internationalism, Center for International Education, University of Northern Colorado, Greeley, CO, 2018
- President's Volunteer Service Award, United States of America, 2018
- President's Volunteer Service Award, United States of America, 2017
- Top 30 Technologists, Transformers & Trailblazers, Center for Digital Education, USA, 2016
- President's Volunteer Service Award, United States of America, 2016
- Outstanding Teacher Award 2014, College of Education and Behavioral Sciences, University of Northern Colorado, 2015
- Outstanding Advisor Award 2014, College of Education and Behavioral Sciences, University of Northern Colorado, 2015
- President's Volunteer Service Award, United States of America, 2015
- Faculty Award for Internationalism, Center for International Education, University of Northern Colorado, 2015
- President's Volunteer Service Award, United States of America, 2014
- President's Volunteer Service Award, United States of America, 2013
- SIGTE Research Paper Award, International Society of Technology in Education, Teacher Education SIG, Paper title: Innovative Technologies, Small Groups, and a Wiki: A 21st-Century Preservice Experience Founded on Collaboration, 2008
- Preparing Future Faculty, Arizona State University, Tempe, AZ, 2007-2008
- Graduate Student Fellowship, Arizona State University, Tempe, AZ, 2006
- Wakonse-Arizona Fellowship, Arizona, USA, 2006
- SUN Award (Serving University Needs), Arizona State University, Glendale, AZ, 2005
- Exemplary Use of Technology in an Introductory Technology Course, Contemporary Issues in Technology and Teacher Education, 2003
- National Educational Technology Standards Distinguished Achievement Award, International Society for Technology in Education, 2002
- Gamma Beta Phi Honor Society, Arizona State University (Vice President), 1999
- Teacher Recognition Award from Class of 2001, Agua Fria High School, Avondale, AZ, 1998
- Kappa Delta Pi Society, Arizona State University at the West campus, 1998
- "Super Owl" Award for Outstanding Work, Agua Fria Union High School District, Avondale, AZ, 1997
- Teacher Recognition Award, Coconino High School, Flagstaff, AZ, 1995

Featured Media and Interviews

- February, 2023. A Far-Reaching Plan for Supporting Rural Teacher Retention. *Listen: Equity & Access Podcast*. Education Talk Radio.
- September, 2022. *Master Educator Competency Programs: Professional Development and Continuing Support in Rural Education*. University and School Partnership.

PROFESSIONAL EXPERIENCE

Associate Professor of Learning, Design, and Technology Program Coordinator (2019-present) School of Counseling, Leadership, Advocacy, and Design, College of Education University of Wyoming	2025-present
Adjunct Professor Science and Math Teaching Center University of Wyoming	2024-2027
Adjunct Professor School of Computing University of Wyoming	2024-2027
Assistant Professor of Learning, Design, and Technology Program Coordinator (2019-present) School of Counseling, Leadership, Advocacy, and Design, College of Education University of Wyoming	2019-2025
Adjunct Professor Science and Math Teaching Center University of Wyoming	2024-2027
Adjunct Professor School of Computing University of Wyoming	2024-2027
Associate Professor of Educational Technology and Curriculum Studies Coordinator of Educational Technology & Technology Innovation and Pedagogy programs (2014 – 2019) Coordinator of Educational Studies EdD program (2011-2014) School of Teacher Education, College of Education and Behavioral Sciences, University of Northern Colorado	2011-2019
Assistant Professor of Educational Technology and Social Foundations Coordinator of Educational Studies EdD program (2010-2011) School of Teacher Education, College of Education and Behavioral Sciences, University of Northern Colorado	2009-2011
Assistant Clinical Professor and Coordinator MAC/InMAC programs College of Teacher Education and Leadership, Education Downtown Arizona State University	2008-2009

Lecturer of Educational Technology College of Teacher Education and Leadership, West Campus Arizona State University	2002-2008
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Educational Technology Specialist College of Education, West Campus Arizona State University	2000-2002
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HIGH SCHOOL-BASED TEACHING

Science & English Teacher , Agua Fria Union High School District, Avondale, AZ	1996-00
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English Teacher , Flagstaff Unified School District, Flagstaff, AZ	1995-96
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CERTIFICATIONS

Arizona Standard Secondary Teacher Certificate (7-12) Areas of Certification: English, Earth Science, Technology	1995
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Intel Teach to the Future Preservice Teacher Certified Instructor	2002
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PUBLICATIONS

*denotes student; ⁺denotes K12 Teacher

Book Chapters

- Williams, M. K.** (2024 – in press). The influence of artificial intelligence powered tools on developing teachers' TPACK. *Handbook of Technological Pedagogical Content Knowledge (TPACK) for Educators (3rd Edition)*. Routledge. (Blind Peer-Reviewed)
- Williams, M. K.** (2024 – in press). Can wildfires be stopped by AI? Anchoring phenomenon for justice-oriented science teaching. In D. Steele & A. Mercier (Eds.), *Justice-Oriented Science Teaching and Learning: Anchoring Phenomena in Secondary Classrooms*. Springer Nature. (Editorial Reviewed)
- Mellman, L.*, **Williams, M. K.**, & Slykhuis, D. A. (2021). Using Generation Z's learning approaches to create meaningful online learning. In M. Niess, & H. Gillow-Wiles (Ed.), *Handbook of Research on Transforming Teachers' Online Pedagogical Reasoning for Engaging K-12 Students in Virtual Learning*. (pp. 149-169). IGI Global. <http://doi:10.4018/978-1-7998-7222-1.ch008> (Blind Peer-Reviewed)
- Williams, M. K.**, Guyon, L.⁺, & McElroy, D. (2021). Professional development is a plan, not a fix. In Ferdig, R.E., & Pytash, K. (Eds.), *What Teacher Educators Should Have Learned from 2020*. (pp. 197-212). Association for the Advancement of Computing in Education (AACE). <https://www.learntechlib.org/p/219088/> (Blind Peer-Reviewed)
- Williams, M. K.**, Schroer, J.E., Gull, C., Miller, J.C., and Axelson, S. (2020). Creating a support network to sustain student-centered, active pedagogy in emergency online learning. In Ferdig, R.E., Baumgartner, E., Hartshorne, R., Kaplan-Rakowski, R., & Mouza, C. (Eds.), *Teaching, Technology, and Teacher Education during the COVID-19 Pandemic: Stories from the Field*. Association for the Advancement of Computing in Education (AACE). (Blind Peer-Reviewed)
- Delello, J., Kerby, D., Kiekel, J., **Williams, M. K.**, & Poyo, S. (2020). Educator perceptions of digital devices: Multitasking and distractions in the classroom. In Delello, J. and McWhorter, R. (Eds.), *Disruptive and Emerging Technology Trends Across Education and the Workplace*. (pp. 193-220). Hershey, PA: IGI Global. (Blind Peer-Reviewed)

Refereed Articles

- Carrier, J. W., **Williams, M. K.**, Mercier, A., Maddox II, R. P., Houseal, A., Hudson, M., Aydinian-Perry, A., & Eidin, E. (2024). Writing, mentoring & community: UW College of Education's academic writing fellows program. *The Chronicle of Mentoring and Coaching*.
- Williams, M. K.** & Kell, C.* (2024). Meet them where they're at: Creating human-centered online PD for rural teachers using LXD. *Research Highlights in Technology and Teacher Education 2024*. (1). 146-166.

- Clausen, J.M., Rutledge, D., Borthwick, A.C., Driscoll, S., Jin, Y., Sprague, D.R., Warr, M. & **Williams, M. K.** (2024). Four pillars of technology infusion: Using Q methodology to examine candidate perspectives on their preparation to use technology. *Research Highlights in Technology and Teacher Education* 2024. (1). 86-101.
- Williams, M. K.**, Zhang, L., Patterson, M*, Hunt, T., Yang, S., Brewer, J*. & Carter, R. (2024). Purposeful integration of assistive technology for diverse learner needs in educator preparation programs. *Computers in the School*, 41(2), 235-255. <https://doi.org/10.1080/07380569.2024.2322165>
- Williams, M. K.**, Maddox, R. P., Hunt, T., Frank, A*, Rujimora, J*, Nichols, L., & Summers, H.* (2023). Demystifying tele-counseling: Meeting student needs through ethical decision-making and collaborative consultation. *Journal of Special Education Technology*, 39(3), 419-433. <https://doi.org/10.1177/01626434231198227>
- Williams, M. K.**, Christensen, R., McElroy, D., & Rutledge, D. (2023). Teacher self-efficacy in technology integration as a critical component in designing technology infused teacher preparation programs. *Contemporary Issues in Technology and Teacher Education*, 23(1), 228-259. <https://citejournal.org/volume-23/issue-1-23/general/teacher-self-efficacy-in-technology-integration-as-a-critical-component-in-designing-technology-infused-teacher-preparation-programs>.
- Maddox, R. P., Rujimora, J*, Nichols, L. M., **Williams, M. K.**, Hunt, T., & Carter, R. A. (2022). Trauma-informed schools: Implications for special education and school counseling. *TEACHING Exceptional Children*, 56(6), 510-520. <https://doi.org/10.1177/00400599221107142>
- Brown, C., Alrmuny, D*, **Williams, M.K.**, Whaley, B*, & Hyslop, R. (2021). Visualizing molecular structures and shapes: A comparison of virtual reality, computer simulation, and traditional modeling. *Chemistry Teacher International*. 3(1), 69-80.
- Hunt, T., Carter, R. Zhang, L, Yang, S., & **William, M. K.** (2020). Navigating the use of micro-credentials. *Journal of Special Education and Technology*, 37(1), 3-10. <https://doi.org/10.1177/0162643420933568>
- Farber, M., **Williams, M. K.**, Mellman, L.* & Yu, X.* (2020). Systems at play: Game design as an approach for teen self-expression. *Journal of Games, Self, and Society*, 2(1), 40-84. <http://doi.org/10.1184/R1/12215417>
- Alqurashi, M.*, & **Williams, M. K.** (2019). Expectations and reality: video games in education from teachers' perspective. *PEOPLE: International Journal of Social Sciences*, 5(2), 351-368. <https://doi.org/10.20319/pijss.2019.52.351368>
- Krauskopf, K., Foulger, T, & **Williams, M. K.** (2017). Prompting teachers' reflection of their professional knowledge: A proof-of-concept study of the Graphic Assessment of TPACK Instrument. *Teacher Development*. 22(2), 153–174.

<https://doi.org/10.1080/13664530.2017.1367717>

- Williams, M. K.** (2014). Where can storytelling take you? Student-created digital multimodal compositions. *Colorado Reading Journal*. 25 (Summer): 16-20. (practitioner-regional)
- Savignano, M.*, **Williams, M. K.**, Holbrook, J. (2014). Learning connections: Yes, your students can create games that land in the apple app store. *Learning and Leading with Technology*. 41 (5): 26-28. (Practitioner-international)
- Foulger, T. S., Burke, D., **Williams, M. K.**, Waker, M. L., Hansen, R., & Slykhuis, D. A. (2013). Innovators in teacher education: diffusing mobile technologies in teacher preparation curriculum. *Journal of Digital Learning in Teacher Education*, 30 (1). [first three authors contributed equally to the development and writing of this article]
- Charles, M., Burt, D., & **Williams, M. K.** (2010). Lessons from New Zealand: developing student voices with technology. *Learning and Leading with Technology*. 28 (4): 22-25. (practitioner-international)
- Archambault, L., Wetzel, K., Foulger, T.S., & **Williams, M. K.** (2010). Professional development 2.0: transforming teacher education pedagogy with 21st century tools. *Journal of Digital Learning in Teacher Education*. 27 (1): 4-11.
- Williams, M. K.**, Foulger, T. & Wetzel, K. (2009). *Preparing preservice teachers for 21st century classrooms: transforming attitudes and behaviors about innovative technology*. Journal of Technology and Teacher Education. 17 (3), pp. 393-418. Chesapeake, VA: AACE.
- Wetzel, K., Foulger, T., & **Williams, M. K.** (2009). The evolution of the required educational technology course. *Journal of Computing in Teacher Education*. 25(2) 67-71.
- Foulger, T. S., **Williams, M. K.**, & Wetzel, K. (2008). We innovate: The role of collaboration in exploring new technologies. *International Journal of Teaching and Learning in Higher Education*, [online serial], 20 (1), 28-38. Available: <http://www.isetl.org/ijtlhe/current.cfm>
- Williams, M. K.** and Foulger, T. S., (2007). Filling the gap with technology innovations: Standards, curriculum, collaboration, success! *Journal of Computing in Teacher Education*, 23 (3), 91-98.
- Beckett, C., Wetzel, K., Chisholm, I., Zambo, R., Buss, R., Padgett, H., **Williams, M. K.**, & Odom, M. (2006). Staff development to provide intentional language teaching Technology-rich K-8 multicultural classrooms. *Computers in the Schools*, 23(3/4), 23 - 30.
- Kelley, M., Wetzel, K., Padgett, H., **Williams, M. K.** & Odom, M. (2004). Early Childhood Teacher Preparation and Technology Integration: The Arizona State University West

Experience. *Information Technology in Childhood Education Annual*, 2004(1), 245-260. AACE. Available: <http://0-www.editlib.org.source.unco.edu/p/12901>.

Wetzel, K., Wilhelm, L., & **Williams, M. K.** (2004). The introductory technology course: A tool for technology integration. *Contemporary Issues in Technology and Teacher Education* [Online serial], 3(4). Available: <http://www.citejournal.org/vol3/iss4/general/article4.cfm>

Wetzel, K., **Williams, M. K.** (2004). Changing teacher education: Mission possible. *Journal of Computing in Teacher Education*. 21 (2) 45-49.

Kelley, M., Wetzel, K., Padgett, H, **Williams, M. K.**, & Odom, M. (2003). Early childhood teacher preparation and technology integration: The Arizona State University West experience. *Contemporary Issues in Technology and Teacher Education* [Online serial], 3(1) (16 pages printed). Available: <http://www.citejournal.org/vol3/iss1/general/article5.cfm>

Beckett, E., Wetzel, K., Chisholm, I., Zambo, R., Buss, R., Padgett, H., **Williams, M. K.**, & Odom, M. (2003). Supporting technology integration in k-8 multicultural classrooms through professional development. *TechTrends*, 47(5) 14-17.

Journal Articles in Progress

Hannad, O.*, **Williams, M. K.**, & Mourchid, M. (2024). Correlation between teachers' self-efficacy and ChatGPT in education. [[Manuscript submitted for publication](#)]. Université Ibn Tofail Faculté des Sciences; School of Counseling, Leadership, Advocacy, and Design, University of Wyoming.

Hunt, T. L., Maddox II, R. P., Frank, A., **Williams, M. K.**, & Carter, R. A. (2024). "Whose job is this?" Using the STEPS Model to explore 504 role ambiguity. [[Manuscript submitted for publication](#)]. School of Counseling, Leadership, Advocacy, and Design, University of Wyoming.

Mercier, A. K., **Williams, M. K.**, Miller-Rushing, A., & Haddad Lingle, J. (2024). The impact of teachers' sense of agency for teaching science: A structural equation modeling. [[Manuscript submitted for publication](#)]. School of Teacher Education, University of Wyoming; School of Counseling, Advocacy, Leadership, and Design, University of Wyoming; Associated Universities Inc.; School of Education, University of North Carolina at Greensboro.

Williams, M. K. (n.d.). Teaching and Learning with Generative AI [[Unpublished manuscript](#)]. School of Teacher Education, University of Wyoming; School of Counseling, Advocacy, Leadership, and Design, University of Wyoming

Williams, M. K. & Carrier, J. W. (n.d.). Connections & Collaborations: Social Network Analysis of Academic Writing Fellows [[Unpublished manuscript](#)]. School of Counseling, Advocacy, Leadership, and Design, University of Wyoming

- Williams, M. K.** (n.d.). Teaching and Learning with Generative AI [**Unpublished manuscript**]. School of Teacher Education, University of Wyoming; School of Counseling, Advocacy, Leadership, and Design, University of Wyoming
- Williams, M.K.,** Mercier, A., Edin, E., Hunt, T., Perry, A., & Payne, A. (n.d.). Leveraging Artificial Intelligence for teaching education. [**Unpublished manuscript**]. School of Counseling, Advocacy, Leadership, and Design, University of Wyoming; School of Teacher Education, University of Wyoming
- Williams, M. K.** (n.d.). Game Design and Critical Pedagogy. [**Revisions in Progress**]. School of Teacher Education, University of Wyoming; School of Counseling, Advocacy, Leadership, and Design, University of Wyoming
- Williams, M. K. & Mercier, A.** (n.d.). Social networks of early childhood learners engaged in collaborative problem-solving and creative design during children's engineering. [**Unpublished manuscript**]. School of Teacher Education, University of Wyoming; School of Counseling, Advocacy, Leadership, and Design, University of Wyoming
- Hannad, O.*, Williams, M. K., & Mourchid, M. (n.d.) E-Readiness of educators for digital skills: Preparing future teachers to integrate ChatGPT. [**Unpublished manuscript**]. Université Ibn Tofail Faculté des Sciences; School of Counseling, Leadership, Advocacy, and Design, University of Wyoming.

Invited Publications

- Williams, M. K.** (2015). Augmented reality apps in teaching and learning. *Colorado Reading Journal*. 26 (Summer): 50-53. (practitioner-regional)
- Williams, M. K.,** Onieto, C., Schultz, L., & Wang, X. (2014). Best digital storytelling and photo manipulation apps for education. *Colorado Reading Journal*. 25 (Summer): 61-63. (practitioner-regional)
- Wetzel, K., Foulger, T. S., & **Williams, M. K.**, (2009). JCTE editors interviewed the authors about issues raised in the article: The evolution of the required educational technology course. Available at http://iste.libsyn.com/index.php?post_id=475324 ISTE Casts Audio podcasts produced by the International Society for Technology in Education, Tue, 13 October 2009.

Book Reviews

- Mercier, A. & **Williams, M. K.** (2023). [Review of the book *Teaching and Learning Online: Science for Elementary Grade Levels*, by Franklin S. Allaire and Jennifer E. Killham] *Teachers College Record*. <https://www.tcrecord.org/BookReviews.asp>

Curriculum

Master Educator Competency Programs professional learning courses. (2023-2024). University of Wyoming.

Game Design Studio Toolkit. (2021). iThrive Games Foundation.

Digital Teaching and Learning Professional Development Courses. (2021, 2022). Trustee's Education Initiative, University of Wyoming.

Podcast

CowboyED Podcast (season 2, 3, 4). (2020-2023). UW University-School Partnership.
Wyoming WebEd Radio (season 1). (2020). Trustee's Education Initiative.

Creative Work & Instruments

DeDiego, A. C., Maxfield, G., Davis, M., Benson, C., **Williams, M. K.**, & Marks, E. (2024). *Suicide risk assessment and risk management training* (Version 1.1.) [Virtual Realty/Computer Software]. Virtual Home Simulation.

Williams, M.K. (2023). Wyoming Rural Teacher Corp Logo. [Digital Graphic].

Williams, M.K., (2015). Mobile Application Evaluation Instrument. [Digital Form].

Williams, M.K. & Foulger, T. (2013). Graphical Assessment of TPACK Instrument.

CONFERENCE PRESENTATIONS

Refereed & Published Conference Proceedings

Williams, M. K. & Kell, C.* (2024). Meet Them Where They're at: Creating Human-Centered Online PD for Rural Teachers using LXD. In J. Cohen & G. Solano (Eds.) *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp.978-985). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).

Clausen, J.M, Rutledge, D., Borthwick, A., Driscoll, S., Jin, Y., Sprague, D. R., Warr, M., & **Williams, M. K.** (2024). Researching technology infusion in teacher preparation. In J. Cohen & G. Solano (Eds.) *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2487-2491). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).

Clausen, J.M., Rutledge, D., Borthwick, A.C., Driscoll, S., Jin, Y., Sprague, D.R., Warr, M. & **Williams, M. K.** (2024). Four pillars of technology infusion: Using Q methodology to examine candidate perspectives on their preparation to use technology. In J. Cohen & G. Solano (Eds.), *Proceedings of Society for Information Technology & Teacher Education*

- International Conference* (pp. 2477-2486). Las Vegas, Nevada, United States: Association for the Advancement of Computing in Education (AACE).
- Mishra, P., Phillips, M., Baran, E., Koehler, M., Harris, J. & **Williams, M. K.** (2024). Part 1: The Past, Present, and Most importantly the Future of TPACK. In J. Cohen & G. Solano (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2443-2448). Las Vegas, Nevada, United States: Association for the Advancement of Computing in Education (AACE).
- Mishra, P., Phillips, M., Baran, E., Koehler, M., Harris, J. & **Williams, M. K.** (2024). Part 2: The past, present, and most importantly the future of TPACK. In J. Cohen & G. Solano (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2191-2195). Las Vegas, Nevada, United States: Association for the Advancement of Computing in Education (AACE).
- Borthwick, A., Foulger, T. S., Graziano, K. J., Jin, Y., Sprague, D. R., Warr, M., & **Williams, M. K.** (2023). A deep dive into the four pillars of technology-infused teacher preparation programs. In E. Langran (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 846–850). New Orleans, LA, United States: Association for the Advancement of Computing in Education (AACE). <https://www.learntechlib.org/primary/p/221972/>
- Blankenship, R., Mourlam, D., Berson, I., Berson, M., Lee, C.Y., Peng, L.W., Jin, Y., Lyublinskaya, I., Du, X., Warr, M., Mishra, P., **Williams, M.** & Hatfield, T. (2022). Reimagining Practical Applications of the TPACK Framework in the New Digital Era. In E. Langran (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 2198-2203). San Diego, CA, United States: Association for the Advancement of Computing in Education (AACE).
- Ryder, C., **Williams, M.K.**, Gull, C. & Biggs, C. (2022). Beyond Announcements: A Conversation on Having Regular and Substantive Interaction in Online Courses. In E. Langran (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 440-442). San Diego, CA, United States: Association for the Advancement of Computing in Education (AACE).
- Williams, M.K.**, Ryder, C., Gull, C. & Biggs, C. (2021). Walking the Talk: Implementing Professional Learning Courses that Engage Teacher-Learners in Best Practices for Remote Classrooms. In E. Langran & L. Archambault (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 653-655). Online, United States: Association for the Advancement of Computing in Education (AACE).
- Williams, M. K.** & Mellman, L. (2020). Building Awareness of Teens Lived Experience Through Game Design. In *Proceedings of ISTE2020*. International Society for Technology in Education. Anaheim: CA.

- Williams, M. K.** & Farber, M. (2020). Gaming Pedagogy and Connected Learning: Perspectives from the Global Minecraft Mentoring Program. In D. Schmidt-Crawford (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1894-1899). Online. Association for the Advancement of Computing in Education (AACE). <https://www.learntechlib.org/primary/p/216057/>.
- Farber, M. & **Williams, M. K.** (2019). Interests, Relationships, and Opportunities Within the 2018 Global Minecraft Mentor Program. Connected Learning Summit. University of California, Irvine, CA.
- Williams, M. K.** & Mellman, L.* (2019). Education Students' Definitions of Creativity in Education: Developing Common Ground to Embrace Shifting Educational Contexts. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 128-133). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).
- Williams, M. K.** & Alrmuny, D.* (2019). Teaching How to Visualize the Invisible: Using Virtual Reality to Expose the Microscopic World of Chemistry. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 178-181). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).
- Alqurashi, M. A.*, & **Williams, M. K.** (2017). The teachers' experiences with video games play in Saudi Arabia. In I. Akman (Ed.), *Proceedings of the International Conference on Education, E-Governance, Law and Business (ICEELB-17)* (pp. 58-84). <https://doi.org/10.15242/ICEHM.UH0117025>
- McKenna, K.* **Williams, M. K.**, Schulz, L.*, & Otieno, C.* (2016). Metacognition through the use of a technology integration matrix. In *Proceedings of ISTE2016*, Philadelphia, PA: International Society of Technology in Education (ISTE).
- Williams, M. K.** (2015). Collaborative Multimodal Composing in a LMS Environment. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* (p. 162). Kona, Hawaii, United States: Association for the Advancement of Computing in Education (AACE).
- Alqallaf, N*. & **Williams, M. K.** (2015). Teachers' Perception about their Competency in Integrating Technology in Elementary Classrooms using the Technological Pedagogical Content Knowledge Framework (TPACK). In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015* (pp. 741-745). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Zeyab, A.* & **Williams, M. K.** (2015). Students' Attitude Toward Watching Instructional Video via Mobile Device. In *Proceedings of E-Learn: World Conference on E-Learning in*

- Corporate, Government, Healthcare, and Higher Education 2015* (pp. 1665-1671). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Kyser, C., McKenna, K.* & **Williams, M. K.** (2015). Writing and Relationships: Collaborating with International Students in a Hybrid Writing Workshop. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015* (pp. 1499-1502). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Alhababi, H.*, Alfadil, M.*, Alzamanan, M.* & **Williams, M. K.** (2015). Students' Perception on the Use of Social Media on Their Academic Learning. In *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015* (pp. 1211-1217). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- McKenna, K.*, Schulz, L.*, Otieno, C.*, Wang, X.* & **Williams, M. K.** (2015). Multiple Perspective Account of iPad Integration. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 1672-1678). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- McKenna, K.*, & **Williams, M. K.** (2015). Modeling Technology Integration in Policies and Practice. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 1371-1377). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Youngs, S., Kyser, C. & **Williams, M. K.** (2015). Designing New Interpretations: Innovative Practices in a Children's Literature Course. In D. Rutledge & D. Slykhuis (Eds.), *Proceedings of SITE 2015--Society for Information Technology & Teacher Education International Conference* (pp. 2129-2132). Las Vegas, NV, United States: Association for the Advancement of Computing in Education (AACE).
- Schulz, L.*, McKenna, K.*, Otieno, C.*, Wang, X.* & **Williams, M. K.** (2015). Enhancing Preservice Teachers' Self-efficacy and Skills for Mobile App Integration in Teaching and Learning Practices. In D. Slykhuis & G. Marks (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2015* (pp. 1732-1739). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).
- Williams, M. K.** (2014). Visions of innovative pedagogy in 9-12 STEAM classrooms. In *Proceedings of ISTE2014*. International Society for Technology in Education. Atlanta: GA.
- DeSimone, C., **Williams, M. K.** & Youngs, S. (2014). *Designing multimodal texts: An adventure in storytelling*. In *Proceedings of ISTE2014*. International Society for Technology in Education. Atlanta: GA

- Williams, M. K.,** Diteeyont, W.*, Otieno, C.*, Schulz, L.* & Wang, X.* (2014). An Examination of Teacher Candidates' Learning and Innovation Skills Developed in a Flipped Classroom. In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2014* (pp. 507-511). Chesapeake, VA: AACE.
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- Williams, M. K.** (2013). Innovative pedagogy to develop 21st century skills in STEM content. *In the Proceedings of ISTE2013*. International Society for Technology in Education. San Antonio: TX.
- Williams, M. K.,** Diteeyont, W.*, Genet, D.* & Wang, X.* (2013). Building creativity through constructive pedagogy in an online teacher preparation course. In R. McBride & M. Searson (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2013* (pp. 1137-1142). Chesapeake, VA: AACE.
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- Williams, M. K.,** Foulger, T., Laughlin, T.* & Lin, T. (2011). Integrating TPACK into preservice teachers' learning experiences. *In the Proceedings of ISTE2011*. Philadelphia, PA: International Society for Technology in Education.

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- Diteeyont, W.* & **Williams, M. K.** (2011). Learner and instructor satisfaction with E-learning applications in an online teacher preparation course. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 234-236). Chesapeake, VA: AACE.
- Williams, M. K.** & Hailu, T.* (2011). Experiences of online learning in a preservice teacher preparation course. In M. Koehler & P. Mishra (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2011* (pp. 839-841). Chesapeake, VA: AACE.
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- Williams, M. K.** (2010) Reflections of Preservice Teachers' Journey Through Building TPACK. *In the Proceedings of ISTE2010*. Denver, CO: International Society for Technology in Education.
- Williams, M. K.,** Wetzel, K. & Foulger, T. S. (2010) No Laggards Left Behind! Roger's Diffusion of Innovation and TPACK. *Presented Paper at the ISTE 2010 Conference*. Denver, CO: International Society for Technology in Education.
- Williams, M. K.** (2010) Navigating Régimes of Truth About Information and Communication Technology in a Teacher Preparation Program. *Annual Convention of the American Educational Research Association*, Denver, CO: April 30- May 4.
- Williams, M. K.,** Foulger, T. & Wetzel, K. (2010). Aspiring to Reach 21st Century Ideals: Teacher Educators' Experiences in Developing Their TPACK. In D. Gibson & B. Dodge (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2010* (pp. 3960-3967). Chesapeake, VA: AACE.
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National Educational Computing Conference. Washington, DC: International Society for Technology in Education.

Foulger, T. S., **Williams, M. K.**, Wetzel, K. (2008) Innovative Technologies, Small Groups, and a Wiki: A 21st-Century Preservice Experience Founded on Collaboration. *Proceedings of the National Educational Computing Conference*. San Antonio, TX: International Society for Technology in Education.

Williams, M. K., Foulger, T.S., Wetzel, K. (2008). Creating 21st century teachers: Preservice experience for shifting attitudes and long-term behaviors with technology. *Annual Convention of the American Educational Research Association*, New York, NY: March 24-28.

Williams, M. K. (2008). Preservice Teachers' Pedagogical Perspectives about Incorporating Information and Communication Technologies into their Future Classrooms. In K. McFerrin et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 4015-4022). Chesapeake, VA: AACE

Grove, K., Foulger, T., Wetzel, K., Archambault, L., **Williams, M. K.** & Strudler, N. (2008). Diffusing Innovations: Sharing University Assignments. In K. McFerrin et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2008* (pp. 3763-3768). Chesapeake, VA: AACE.

Williams, M. K., Foulger, T. & Wetzel, K. (2007). Creating Innovators: Can the Exploration of New Technologies in Teacher Education Programs Develop Early Adopters?. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2007* (pp. 1733-1738). Chesapeake, VA: AACE.

Williams, M. K. & Foulger, T. (2006) Filling the Gap with Technology Innovations: Standards, Curriculum, Collaboration, Success! *Proceedings of the National Educational Computing Conference*. San Diego, CA: International Society for Technology in Education.

Williams, M. K. & Kelley, M. (2005). Moving Forward: Using eFolios for Program Assessment and Accreditation in an Elementary Education Teacher Preparation Program. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (p. 247). Chesapeake, VA: AACE.

Williams, M. K. & Carter, H. (2005). Using Technology to Engage Preservice Teachers in Developing Perceptions of Teacher Identity. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2005* (pp. 1089-1090). Chesapeake, VA: AACE.

Williams, M. K., Wetzel, K. & Wilhelm, L. (2004). Trials and Tribulations of Reflective Practices in Preservice Teacher Electronic Portfolios. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2004* (pp. 301-306). Chesapeake, VA: AACE.

- Stirling, D., **Williams, M. K.** & Padgett, H. (2004). Investigating the Effectiveness of Video Case Use in Teacher Education. In C. Crawford et al. (Eds.), *Proceedings of Society for Information Technology and Teacher Education International Conference 2004* (pp. 2663-2668). Chesapeake, VA: AACE.
- Clark, P., Topp, N., Wetig, S., **Williams, M. K.**, Wetzel, K., & Wilhelm, L. (2004) Two paths to enlightenment: Total integration vs. the required educational technology course as a means to teach technology integration. In R. Ferdig & C. Crawford (Eds.), *Technology and teacher education annual, 2004: Proceedings of the fifteenth international conference of the Society of Informational Technology and Teacher Education*. (pp. 4287-4289). Charlottesville, VA: Association for the Advancement of Computing in Education.
- Wetzel, K. & **Williams, M. K.** (2003). Evaluating preservice student progress toward the NETS-T. In C. Crawford, N. Davis, J. Price, & D. Willis. (Eds.) *Technology and Teacher Education Annual* (pp. 210 - 213) Norfolk, VA: Association for the Advancement of Computing in Education.
- Wetzel, K. & **Williams, M. K.** (2003). Changing teacher education faculty: Mission possible. *Proceedings of the National Educational Computing Conference*. Eugene, OR: International Society for Technology in Education.
- Beckett, E., Wetzel, K., Chisholm, I., Padgett, H., **Williams, M. K.**, & Zambo, R. (2002) Preservice and inservice teachers collaborating with technology in K-8 multicultural classrooms: Year 2. In D. Willis, J. Price, J. Willis (Eds.) *Technology and Teacher Education Annual* (pp. 1501-1507) Charlottesville, VA: Association for the Advancement of Computing in Education.

National/International Presentations

Refereed

- Aydinian-Perry, A., Hudson, M., **Williams, M. K.**, Carrier, J. W., Mercier, A., & Maddox II, R. P. (2025, April 23-27). *Communities of productivity: Early career academics' experiences within an academic writing program* [Conference presentation]. American Educational Research Association 2025 Annual Meeting, Denver, CO, United States.
- Carrier, J. W., **Williams, M. K.**, Mercier, A., Maddox II, R. P., Houseal, A., Hudson, M., Aydinian-Perry, A., & Eidin, E. (2024). Writing, mentoring & community: UW College of Education's academic writing fellows program. [Conference presentation]. University of New Mexico 17th Annual Mentoring Conference, Albuquerque, NM, United States.
- Williams, M. K.** & Mercier, A. (2024). *Discourse and Creativity in Early Childhood Engineering* [Research Lecture]. NARST Annual International Conference, Denver, CO, United States.

- Williams, M. K.** & Mercier, A. (2023). *Revealing the work of young engineers: Discourse and creativity in early childhood collaborative problem-solving* [Research Lecture]. 2023 Congress of the European Science Education Research Association. Cappadocia, Turkey.
- Williams, M.K.**, Christensen, R., McElroy, D., & Rutledge, D. (2023). *Teacher Self-Efficacy: A Critical Component in Designing Technology-Infused Preparation Programs* [Research Lecture]. ISTE2023 Live. Philadelphia, PA, United States.
- Williams, M.K.**, McElroy, D., Poth, R. & Fecich, S. (2022). *TEN Strategies to Support Teachers' Development as Designers of Active Learning* [Conference Presentation]. ISTE2022 Live. New Orleans, LA, United States.
- Carter, R., **Williams, M.K.**, & Zhang, L., (2022). *Infusing ISTE Standards in Preservice Education: Prototyping Activities of Competency-Based Assessments* [Conference Presentation]. ISTE2022 Live. New Orleans, LA, United States.
- Williams, M. K.** (2021). *Equity is harder than access. In Playground: Empowering Students and Teachers in a Changing World. Organizer: Chip Cash* [Conference Presentation]. ISTE2021 Live. Online Conference.
- Panelists: Jennifer Courduff; Peter Hessling; Jean Kiekel; Dennis McElroy; Rachelle Dene Poth; **Mia Kim Williams**. (2021). *Top TEN tools for online and blended learning. Panel: Innovative Learning Environments* [Conference Presentation]. ISTE2021 Live. Online Conference.
- Farber, M. & **Williams, M. K.** (2019). *Minecraft Mentors Develop Connected Learning Through Engagement in an Affinity Space. Connected Learning in Teacher Education* [Structured Poster Session]. [American Educational Research Association 2019 Annual Meeting](#). Toronto, Canada.
- Williams, M. K.** and Farber, M. (2018). *Breakouts and escape rooms as authentic assessments* [Interactive Poster]. ISTE2018. Chicago, IL, United States.
- Williams, M. K.** (2018). *Engaged assessment: Breakouts, escape rooms, and AR Panel Presentation Latest Word: On the Leading Edge of Technology Integration in Higher Education* [Research Panel]. ISTE2018. Chicago, IL, United States.
- Bedesem, P., Cash, C., Courduff, J., Fecich, S., Hessling, P., McElroy, D., Poth, R., Poyo, S., **Williams, M. K.** (2018). *Top 10 tools every new teacher needs! Advice from teacher educators* [Conference Presentation]. ISTE2018. Chicago, IL, United States.
- Williams, M. K.** (2017). *Augment your teacher education instruction: Using AR to innovate and inspire learning*. ISTE2017. San Antonio, TX.
- Williams, M. K.** (2017). *Innovative teaching in higher education*. ISTE2017. San Antonio, TX

- Williams, M. K.** (2016). Technology integration strategies of higher education faculty. ISTE2016. Denver, CO.
- Williams, M. K.,** Kyser, C. and Youngs, S. (2015). Infusing teacher technology knowledge: A model for fostering digital literate students. ISTE2015. Philadelphia, PA.
- DeSimone, C. & **Williams, M. K.** (2014). Transitioning from Traditional Writing to Digital Design. In M. Searson & M. Ochoa (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2014* (pp. 2459-2463). Chesapeake, VA: AACE.
- DeSimone, C. & **Williams, M. K.** (2013) Learning Station Session: Reflective Coaching: Using Digital Video to Improve Teacher Practice. Session presented at the ISTE 2013 Conference. San Antonio, TX.
- Cunningham, A., Foulger, T., Hansen, R., **Williams, M.K.**, Schmidt, D. Smith, A., & Wetzel, K. (2011). TPACK in teacher education: Innovative models that work. Panel presented at the ISTE 2011 Conference. Philadelphia, PA.
- Diteeyont, W., Ku, H. Y., & **Williams. M. K.** (2011) Examining of appropriate e-learning application and resources from reflections of learner and instructor within an online collaborative learning environment. Associate for the Advancement of Computing in Education (AACE E-Learn), Honolulu, HI.
- Charles, M., Borthwick, A., with panelists Burt, D., Cunningham, A., McPherson, S., & **Williams, M. K.** (2010) Lessons Learned from the SIGTE 2010 New Zealand Study Tour. Presented at the ISTE2010 Conference. Denver, CO.
- Williams, M. K.** (2010) Building Collaborative Teacher Knowledge Through Web 2.0 Supported Learning Communities. Session presented at Learning@Schools education conference. Rotorua, New Zealand: CORE Education.
- Foulger, T.S., **Williams, M.K.**, Wetzel, K. (2008) SIGTE Research Paper Award: Innovative Technologies, Small Groups, and a Wiki: A 21st-Century Preservice Experience Founded on Collaboration. Award spotlight session presented at National Educational Computing Conference. San Antonio, TX: International Society for Technology in Education
- Wetzel, K., Foulger, T., **Williams, M. K.** (2007) Preservice students of tomorrow: Bridges to the use of new technologies. Poster presented at National Educational Computing Conference. Atlanta, GA: International Society for Technology in Education.
- Williams, M. K.** (2006) Using images and video for teacher development, Part 1: Identity. Concurrent Session presented at the National Educational Computing Conference. San Diego, CA: International Society for Technology in Education.

Williams, M. K. (2006) Using preservice teacher eFolios for program review and accreditation. Poster presented at the National Educational Computing Conference. San Diego, CA: International Society for Technology in Education.

Williams, M. K. (2004) Electronic portfolio project using TaskStream. Concurrent session presented at the Assessment and Technology Forum: Promising Practices that Support Student Learning Workshop of the National Educational Computer Conference. New Orleans, LA: International Society for Technology in Education.

Crockett, K., **Williams, M.K.**, Barfoot, H., & Prescott, D. (2004) Assessment tools, digital portfolios, and accreditation. Session Presented at the ISTE Assessment and Technology Forum: Promising Practices that Support Student Learning at the National Educational Computer Conference. New Orleans, LA: International Society for Technology in Education.

Williams, M. K., & Wetzel, K. (2003) Electrified! Using standards based ePortfolios for preservice teacher assessment. Concurrent session presented at the National Educational Computing Conference. Seattle, WA: International Society for Technology in Education.

Wetzel, K., **Williams, M. K.**, Padgett, H. & Odom, M. (2002) It takes a village to create fearless users of technology. Session presented at the National Educational Computing Conference. San Antonio, TX: International Society for Technology in Education.

Invited

Williams, M. K. (2018). ISTE bytes. ISTE2018. Chicago, IL. (invited)

Williams, M. K. (2017). ISTE bytes. ISTE2017. San Antonio, TX. (invited)

Trust, T., **Williams, M. K.**, Courdiff, J., Cash, C. McElroy, D. Poth, R. & Leffwich, A. (2017). Top 10 tools every new teacher needs. ISTE2017. San Antonio, TX. (invited)

Regional/State Presentations

Refereed

Williams, M. K., Aydinian-Perry, A., Eidin, E., Hunt, T., Mercier, A., & Payne, A. (2024). *Embedding AI tools into educator preparation coursework*. [Conference presentation]. Education Summit. University of Wyoming: College of Education.

Mercier, A. & **Williams, M. K.** (2024). *Discourse and creativity in early childhood engineering*. [Conference presentation]. Education Summit. University of Wyoming: College of Education.

Raible, J.*, Wasilik, O., Williams, M. K. (2021). *Creating and implementing OER for online courses*. [Conference presentation]. Wyoming Innovations in Learning Conference. Online.

Brock, C., Welsh, K., Hutchison, L., Holmes, T., Spiker, A., Hickman, B., Lee, J., Carter, R., Hunt, T., Fisher, R., **Williams, M. K.** Fry, K., Nichols, L., & Cain, W. (2020, March). *Creating a Culture of Academic Writing in the UW College of Education*. [Conference presentation]. Education Summit. University of Wyoming: College of Education. Laramie, WY.

Williams, M. K. & Mellman, L.* (2019). *Studying Game Design as a Critical Pedagogy through Mixed Methods*. [Conference presentation]. Northern Rocky Mountain Educational Research Association Meeting, Denver, CO

Williams, M. K., Alrmuny, D.*, & Brown, C. (2019). *Learning Molecular Chemistry by Using Virtual Reality to Visual the Invisible*. [Conference presentation]. Northern Rocky Mountain Educational Research Association Meeting, Denver, CO

Williams, M. K. & Youngs, S. (2010) *Expanding Historical and Literary Understandings Through Multimodal Representations*. [Conference presentation]. Colorado Language Arts Society (CLAS) conference. Denver, CO.

Williams, M. K., Carter, H., Wise, C. (2009) *Engaging Urban K-12 students in Natural Sciences: A Community Partnership*. [Conference presentation]. What Works in Educational Partnerships Conference. Arizona State University, Office of the Vice President for Education Partnerships. Phoenix, AZ.

Foulger, T.S., **Williams, M.K.**, Lewallen, G., & Wetzel, K. (2006) *Visioning*. [Conference presentation]. Teaching and Learning Fair. Arizona State University at the West campus. Glendale, AZ.

Wetzel, K. & **Williams, M. K.** (2003). *A model for course development through student evaluation*. [Poster presentation] Arizona State University West Faculty Research Poster Session. Glendale, AZ.

Invited

Williams, M.K. (2024). *AI in education: Exploring the wild west of possibilities*. [Conference Presentation]. Wyoming Association for Career and Technical Education Conference, Laramie, WY. (invited)

Williams, M.K. (2024). *Innovating your teaching practice with generative AI tools*. [Conference presentation]. Wyoming Association for Career and Technical Education Conference, Laramie, WY. (invited)

Williams, M. K. (2019). Closing Keynote: Panel on Innovation and Partnerships in K20 Education. [Pannel Presentation]. Wyoming Innovations in Learning Conference, Gillette, WY. (Invited)

Workshops

Williams, M. K. (2024). Workshop: Using AI Tools to Promote Learning. *ECTL Teaching and Learning Academy on Artificial Intelligence*. Laramie, WY. University of Wyoming.

Williams, M. K. (2020). WyoK12 Digital Teaching and Learning. *Through UW College of Education and Trustee's Education Initiative for Wyoming K12 Districts*, WY, Online.

Williams, M. K. and Farber, M. (2019). Game Design Studio. University of Northern Colorado, Summer Camp, Greeley, CO.

Williams, M. K. (2015). Augmented Reality for Literacy Composition. Eagle County Schools. Breckenridge, CO.

Williams, M. K., Youngs, S. and Kyser, C. (2015). Inquiry, Argument, Narrative and Exposition: Mentor Texts and Multimodal Compositions. ISTE 2015. Philadelphia, PA.

Williams, M. K. and Youngs, S. (2014) Digital Storytelling. Weld County CCIRA. Greeley, CO.

Williams, M. K. (2014). Digital Design Summer Camp. Boys and Girls Club of Weld County, Greeley, CO, 2014

GRANT ACTIVITY

Funded

Williams, M. K. (2024). Enhancing K-12 computing education through integration of computer science practices and emergent technologies. \$24,000. School of Computing Faculty Fellowship. School of Computing. University of Wyoming.

Williams, M.K., Maddox II, R. P., Carrier, J. & Mercier, A. (2024). AWF 2.0: Creating a sustained human-centered ecosystem for the Academic Writing Fellows Programs. \$1000. Ellbogen Dean's Fund Innovation and Creativity Grants Programs: Imagine Grant.

Williams, M.K. (2024). Support for Participation in the LASER Institute Summer 2024. \$1000. Ellbogen Dean's Fund Innovation and Creativity Grants Programs: Boost Grant.

- Williams, M. K. & DeDiego, A. (2023).** Virtual Reality Suicide Risk Assessment Training Software: Beta and Pilot Testing Proposal. \$7500. Ellbogen Dean's Fund Innovation and Creativity Grants Programs: Research Grant.
- Williams, M. K. & Mercier, A. (2022).** Revealing the Work of Young Engineers: Discourse and Creativity in Early Childhood Collaborative Problem-Solving. \$6,000. College of Education Innovations Grant Program: Research Grant.
- Williams, M. K. (2020).** Building Critical Consciousness through Game Design: Game Design Studio Camp for Community Teachers and Teens. \$30,000. Outreach and Engagement Grant. Ellbogen Dean's Excellence Fund. College of Education, University of Wyoming
- Williams, M. K. (2020).** Building Critical Consciousness through Game Design. \$5000. Research Seed Grant. Ellbogen Dean's Excellence Fund. College of Education, University of Wyoming.
- Williams, M. K. (2018).** Presenting Technology in Higher Education at International Society for Technology in Education Conference. \$2,199. Provost Office Travel Award, University of Northern Colorado.
- Williams, M. K. (2015).** Presenting Technology Innovations at eLearn Conference. \$2,964. Provost Office Travel Award, University of Northern Colorado.
- Williams, M. K. (2013).** *Developing Digital Evaluation Instruments for Multimodal Literacies and 21st Century Skills*. \$2,993. Summer Support Initiative (SSI) for Research, Scholarship, Creative Works, and Grant Writing.
- Williams, M. K. (2013).** Building Creativity through Constructive Pedagogy in an Online Teacher Preparation Course. \$1,800. Provost Office Travel Award, University of Northern Colorado.
- Williams, M. K. (2012).** Innovative Pedagogy to Develop 21st Century Skills in P-12 STEM Content. \$7,370. University of Northern Colorado: RDFD.
- Williams, M. K. (2012)** Innovative Pedagogy Development in the Online Educational Studies EdD. \$2,180. Innovation Grant. University of Northern Colorado: School of Teacher Education.
- Williams, M. K. (2011)** Preparing 21st Century Teacher Educators to Teach and Learn with Web 2.0 Technologies. \$6,050. Innovations Grant. University of Northern Colorado: School of Teacher Education.
- Phillips, M. & Williams, M. K. (2010).** Enriching Teacher Candidates Learning Experiences with Technology – The Integration of Whiteboards in Teacher Education Classrooms. \$50,000. The Morgridge Family Foundation.

Williams, M. K. (2009). Building Collaborative Teacher Knowledge through Web 2.0 Tools. \$3,035. Provost Office Travel Award, University of Northern Colorado.

Wetzel, K., Foulger, T.S., **Williams, M. K.**, Archambault, L. (2007). Preparing 21st Century Elementary Education Teacher Educators to Teach and Learn with Social Networking Tools. \$8700. Excellence in Research Award. College of Teacher Education and leadership, Arizona State University.

Foulger, T. & **Williams, M. K.** (2005) Filling the Gap with Innovations. \$12,000. College of Teacher Education and Leadership, Arizona State University at the West campus.

Hansen, C. C., Hinde, E., Zambo, R., **William, M. K.** (2005). Arizona Classrooms of Tomorrow Today: Integrating Technology in the Content Areas. \$60,000. Arizona Board of Regents Improving Teacher Quality Grant Program.

Hansen, C., Painter, S., Wilhelm, L., **Williams, M. K.**, Zambo, R. Arizona Classrooms of Tomorrow Today. \$60,000, Arizona Board of Regents (ABOR). February 2004-February 2005.

Wetzel, K., Zambo, R., Wilhelm, L., **Williams, M. K.**, and Painter, S. Arizona Classroom of Tomorrow Today: Integrating Technology Across the Curriculum. \$50,000, Arizona Board of Regents (ABOR) Improving Teacher Quality Competition. Feb. 15 2003- Feb. 14, 2004.

Wetzel, K., Wilhelm, L., **Williams, M. K.** Re-designing COE 313 to Include Online Support. \$13,000. Instructional Development and Support Grant. Arizona State University West. May 5, 2003-May 4, 2004.

Unfunded

Research: (2024). LEARNER: Leveraging Educational AI for Rigorous, Nuanced, and Enhanced Reflection \$7500. Ellbogen Dean's Fund Innovation and Creativity Grants Programs: Research Grant.

Research: What Happens in AWF, Stays in AWF...Unless it Gets Published: Exploring the Productivity and Human-Centered Ecosystem of a the Academic Writing Fellows Programs. Grant Category \$7500. Ellbogen Dean's Fund Innovation and Creativity Grants Program

Research: Future-Time Orientation as a Malleable Factor for Improving Social/Behavioral Outcomes and Academic Performance (proposal prepared for submission to the 2016 Institute of Education Sciences (CFDA Number: 84.305A) Grant Program \$1,400,000

Capital: Active Learning Center Grant. Steelcase Education. ~\$30,000

Research: The Flipped Class Academy (proposal prepared for submission to 2013 National Science Foundation (NSF 1238245) Grant Program \$999,699

Program Development: Literacy, Innovation and Technology in Education (LITE) Research Center and Design Studio: A Proposal for Community Based Academic Programs and Collaborative Research. I@UNC Program

Research: Arizona Classrooms of Tomorrow Today (AZCOTT) Integrating Technology into the Content Areas (proposal prepared for submission to 2006 ABOR Improving Teacher Quality Grant Program ~\$200,000).

PROFESSIONAL AFFILIATIONS

- American Association for the Advancement of Curriculum Studies (AAACS)
- American Education Research Association (AERA)
 - Division B: Curriculum Studies
 - Division K: Teaching and Teacher Education
 - SIG- TACTL
- Association for the Advancement of Computing in Education (AACE)
- Innovative Education Colorado (InnEdCO)
- International Society for Technology in Education (ISTE)
- International Visual Sociology Association (IVSA)
- Northern Rocky Mountain Educational Research Association (NRMERA)
- Society of Information Technology and Teaching Education (SITE)

PROFESSIONAL SERVICE

International/National

Reviewer, Education Studies	2024-
Co-chair, SITE Interactive Society for Information Technology and Teacher Education (SITE)	2024-2025
Co-chair, Creativity and Design Thinking & Innovation SIG, Society for Society for Information Technology and Teacher Education (SITE)	2021-2024
Community Leader, International Society of Technology in Education (ISTE)	2021-2022
Board of Directors, International Society of Technology in Education (ISTE) Secretary 2014-15	2013-2016

Secretary 2015-16

Leadership Team, Teacher Education Network, International Society of Technology in Education (ISTE)	2017-2021 2013-2014
Review Chair, International Society of Technology in Education (ISTE) Conference program for ISTE 2013	2012-2013
Member, Voices Carry Advocacy Advisory Committee International Society of Technology in Education (ISTE)	2012-2014
Communications Officer, International Society of Technology in Education (ISTE) Special Interest Group for Teacher Education.	2011-2013
Editorial Review Board Member, Journal of Digital Learning in Teacher Education (JDLTE)	2010-2022
Reviewer, Education Policy Analysis Archives (EPAA/AAPE)	2011-2012
Reviewer, Journal of Educational Research and Innovation (JERI)	2010-2013
Chair, Graduate Student Scholarship Award Committee, SIGTE, International Society of Technology in Education (ISTE)	2009-2013
Member, Book Study Committee, SIGTE, International Society of Technology in Education (ISTE)	2009-2010
Reviewer, Research Papers for American Education Research Association (AERA) Annual Meeting.	2006, 2008-10
Reviewer, Research Papers for ISTE Conference International Society of Technology in Education (ISTE)	2010-2021
Reviewer, Research Papers for National Educational Computing Conference (NECC), International Society of Technology in Education (ISTE)	2005-2010

Regional/State/Local

Wyoming Future of Learning Project Advisory Committee (WFLPAC), WY	2024-
Trustee's Education Initiative Advisory Board, Wyoming	2022-2024
Digital Learning Plan Advisory Panel, Wyoming Department of Education, WY	2019-
Board of Directors, Innovate Education Colorado, (InnEdCO), CO Higher Education Initiatives, 2017-2019	2017-2021

Treasurer, 2018-2020

Affiliate Representative, 2019-2021

Facilitator/Researcher, Boys and Girls Club of Weld County, Weld County, CO Digital Design Summer Camp (Digital Storytelling, STEM)	2013-2014
Volunteer, Eaton Middle School, Eaton, Weld County District 2, CO	2013-2014
Volunteer, Range View Elementary, Windsor, Weld County District 4, CO	2011-2012
Volunteer, Monfort Elementary, Greeley, Weld County District 6, CO	2010
Consultant, Web/Media Integration, Shadow Rock Preschool, AZ	2007
Technology support, Madison #1 Middle School SUCCESS Project, AZ (SUCCESS = Support, Understanding, and Community Commitment Ensure Student Success)	2004-05
Web designer/consultant, Shadow Rock Preschool, AZ	2005-06
Curriculum expert & technology support, Arizona Classrooms of Tomorrow Today Project, AZ	2002-06
Volunteer and event coordinator, Arizona Science Olympiad, AZ	2001-03

University

University of Wyoming

Artificial Intelligence (AI) Working Group, Provost's Office	2023-2025
Student Interactions Committee, Senate Committee chair- 2024-2025	2019-2025

University of Northern Colorado

Graduate Council, University of Northern Colorado, Council Chair	2018-2019
Academic Appeals Board, University of Northern Colorado	2017-2019
Graduate Council, University of Northern Colorado, Representative,	2016-2018
Academic Technology Advisory Group, U. of Northern Colorado	2016- 2019
Board of Athletic Control, University of Northern Colorado	2016-2019
University of Northern Colorado Faculty Senate (Senator), Campus	2012-2016

Codification Committee, University Technology Committee	
STEP CC Committee, University of Northern Colorado	2010-2014
Reengineering Teacher Preparation Committee, CEBS/Dean Sheehan	2011-2012
Faculty Perceptions of Administrators Committee, University of Northern Colorado	2011-2013
SCED Committee, University of Northern Colorado	2011-2013
Innovative Technology Committee, University of Northern Colorado	2010-2016
McNair Editorial Board, University of Northern Colorado	2010-2011
Academic Appeals Board, University of Northern Colorado	2010-2011
Digital Arts and Literacies group, University of Northern Colorado	2009

College/Department

University of Wyoming

Research, Innovation, and Entrepreneur Advisory Committee, College of Education	2023-2024
Dissertation in Practice working group, Counseling, Leadership, Advocacy, and Design	2023
Advisory Committee for Graduate Education, College of Education, Chair, 2021-2024	2019-2024
2-13 Committee to Review Discontinuance of PhD programs	2021
Program Coordinator, Learning, Design, and Technology	2019-present

University of Northern Colorado

Program Coordinator, Educational Technology and Technology, Innovation and Pedagogy, College of Education and Behavioral Sciences	2014-2019
Chair, Faculty Evaluations Committee, School of Teacher Education	2013-2014
Program Coordinator, Education Studies EdD, School of Teacher Education	2010-2014
Member, Evaluations Committee, School of Teacher Education	2010-2014

Program Coordinator, Curriculum, Innovations, and Educational Reform Education Studies EdD, School of Teacher Education	2009-2010
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Arizona State University

Program Coordinator, Master's and Certification (MAC) Program, CTEL and Teach for America	2008-2009
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Course Coordinator, Curriculum and Instruction, CTCL	2009
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Member, CTCL Data Steering Committee	2007-2009
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Member, CTCL Innovative Curriculum Committee	2007-2009
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Member, CTCL Distance Education Summit Committee	2007-2008
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Program Coordinator, CTCL Student Achievement/Electronic Portfolio Project	2007-2008
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Coordinator, Elementary Education Electronic Portfolio Project	2004-2008
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Member, CTCL Elementary Education Accreditation Team	2006-2007
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Member, CTCL Educational Technology (TEL 313) Course Planning Committee	2002-2008
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Member, CoE Technology Committee	2001-2002
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Agua Fria Union High School District

Teacher-leader, Teaching Strategies w/ Technology	1999-2000
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Sponsor, National Honor Society	1999-2000
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Spirit Line Head Coach	1997-2000
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Committee Member, District Technology Committee	1997-2000
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Sponsor, Freshman Class	1996-2000
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Assistant Track Coach	1997
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Flagstaff Unified School District

Assistant Track Coach	1996
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Speech & Debate Team Sponsor	1995-1996
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GRADUATE ADVISING

Master's Committees at the University of Wyoming

In progress, William Burns, MA in Curriculum and Instruction, *committee member*
 In progress, Alicia Lyons, MA in Curriculum and Instruction, *committee member*
 2020, Austin Atkinson, MS in Learning, Design, and Technology, *chair*
 2020, Bailey Ward, MS in Learning, Design, and Technology, *chair*
 2020, Braden Jeffs, MS in Learning, Design, and Technology, *chair*
 2020, Joseph Barlow, MS in Learning, Design, and Technology, *chair*
 2020, Jeremiah Baker, MS in Learning, Design, and Technology, *committee member*
 2020, Ty Severson, MS in Learning, Design, and Technology, *committee member*
 2020, Emily Phillips, MS in Learning, Design, and Technology, *committee member*
 2020, Megan Jones, MS in Learning, Design, and Technology, *committee member*

Dissertations at the University of Wyoming

Graduated:

2024, Jennifer Lavanchy, PhD in Instructional Technology, *committee member*
 2024, Megan Jones, PhD in Learning, Design, and Technology, *chair*
 2024, Kryssi Soule, EdD in Learning, Design, and Technology, *chair*
 2024, Christine Cleary, EdD in Learning, Design, and Technology, *chair*
 2024, Kaitlin Burris, EdD in Learning, Design, and Technology, *chair*
 2024, Justin Tucker, EdD in Learning, Design, and Technology, *chair*
 2021, John Raible, EdD in Learning Design, and Technology, *chair*
 2020, Marjorie Anderson, EdD in Instructional Technology, *committee member*

EdD:

Candidacy, Keyosha Atwater, EdD in Learning, Design, and Technology, *chair*
 Candidacy, CarrieAnn Mathis, EdD in Learning, Design, and Technology, *chair*
 Candidacy, Samantha Warden, EdD in Learning, Design, and Technology, *chair*
 Candidacy, Karin Unruh, EdD in Learning, Design, and Technology, *chair*
 Candidacy, Jessica Toms, EdD in Learning, Design, and Technology, *chair*
 Candidacy, Theresa Brough, EdD in Learning, Design, and Technology, *chair*
 In progress, Justin Kast, EdD in Learning, Design, and Technology, *chair*
 Candidacy, Tyler Nelson, EdD in Learning, Design, and Technology, *chair*
 In progress, Bradley Bell, EdD in Educational Leadership, *outside member*
 In progress, Danielle Shipley, EdD in Higher Education Administration, *outside member*
 In progress, Denise Edwards, EdD in Educational Leadership, *member*
 In progress, Kellie Jo Williams, EdD in Educational Leadership, *member*
 In progress, Michael McDaniel, EdD in Higher Education Administration, *outside member*
 In progress, Danielle Mitchell, EdD in Learning Design and Technology, *chair*
 In progress, Malissa Braxton, EdD in Learning Design and Technology, *chair*
 In progress, Kevin Mitchell, EdD in Learning Design and Technology, *chair*
 In progress, Denise Chroshiak, EdD in Learning Design and Technology, *chair*

PhD:

Candidacy, Christopher Dresang, PhD in Learning, Design, and Technology, *chair*

Candidacy, Tyler Olsen, PhD in Learning, Design, and Technology, *chair*
 In progress, Jessica Kern, PhD in Learning, Design, and Technology, *chair*
 Candidacy, Oliver Snow, PhD in Learning, Design, and Technology, *chair*
 Candidacy, Vance Reeder, PhD in Learning, Design, and Technology, *chair*
 In progress, Melinda Loof, PhD in Learning, Design, and Technology, *chair*
 In progress, Emily Vercoe, PhD in Learning, Design, and Technology, *chair*
 In progress, Jennifer Taylor, PhD in Learning, Design, and Technology, *chair*
 In progress, Cody Squadroni, PhD in Learning, Design, and Technology, *chair*

Dissertations at the University of Northern Colorado

* recipient of the Graduate Deans Outstanding Dissertation Award

^ recipient of the Graduate Deans Citation of Excellence

2020, Letha Mellman, Going Online with Generation Z: Learning Approaches, *research advisor/chair 2018-19, then committee member 2019-20*

2019, William Tankovich, Use of Emerging Technology as Part of The Experiential Learning Process in Ultradistance Cycling: A Phenomenological Study, *research advisor/chair*

2019, Haya, Albaqami, Preparing Preservice Teachers to Use Digital Visual Media for 21st Century Teaching and Learning: Practices and Vision of Teacher Preparation Programs, *research advisor/chair*

2019, Nora Almansour, Educational Uses of Social Media in Learning by College Students, *research advisor/chair*

2019, Altaf Siddiqui, Design of Instructional Modeling Language for Learning Objects and Learning Objects' Repositories, *research advisor/chair*

2018, Christopher Mullen, Mid-Level Student Affairs Professionals Worklife Negotiation and The Use of Mobile Technology: A Case Study, *committee member*

2018, Mary Fleury, Universal Screening and Progress Monitoring within A Multi-tiered System of Supports, *faculty representative*

2018, Yousef Almoslamani, Effectiveness of Student Engagement Using Learning Management System in the Blended Learning Environment at Saudi Electronic University, *research advisor/chair*

2018, Alaa Zeyab, Education Technology and Visual Literacy: The Effect of Using Doodling on Student Learning Performance, *research advisor/chair*

2018, Yosra Bugis, Creating Digital Stories with Saudi Arabian Pre-Service Teachers: The Phenomenon of Using the Analysis, Design, Development, Implementation, And Evaluation (ADDIE) Model to Promote Lesson Plan Development, *research advisor/chair*

- 2018, Illham Habaci, Evaluating Educators' Competency in the Use of Computer Technology Towards Integrating Technology into Libyan Higher Education, *committee member*
- 2018, Abrar Almoosa, A Qualitative Case Study in Augmented Reality Applications in Education: Dimensions of Strategic Implementation, *research advisor/chair*
- 2017, Hamzah Alhababi, Technological Pedagogical Content Knowledge (TPACK) Effectiveness on English Teachers and Students in Saudi Arabia, *research advisor/chair*
- 2017, Mohammed Alfadil, Virtual Reality Game Classroom Implementation: Teacher Perspectives and Student Learning Outcomes, *research advisor/chair*
- *2017, Rasha Alhammad, Click, Explore, and Learn: Graduate Students' Experiences and Attitudes Toward Using E-books for College-level Courses, *committee member*
- 2017, Abdullah Almaden, Analyzing the Curricula of Doctor Of Philosophy Programs In Educational Technology And Any Associated Specialty In The United States, *committee member*
- 2017, Hadi AlMonuf, Student Collaboration in Hybrid Classrooms Using PB Works, *committee member*
- 2017, Alaa Zeyab, Educational Technology and Visual Literacy; The Effect of Using Doodling on Student Learning Performance, *research advisor/chair*
- 2017, Abdullah Alqahtani, The Extent of Comprehension and Knowledge with Respect to Digital Citizenship Among Saudi Arabian Teachers, *research advisor/chair*
- 2017, Mahdi Alzamanan, Case Study of Distance Learning At University Of Najran, *research advisor/chair*
- 2017, Mark Savignano, Teachers Perceptions of the Substitution, Augmentation, Modification, Redefinition (SAMR) Model for Technology Integration, *research advisor/chair*
- 2017, Catherine Otieno, Makerspaces: A Qualitative Look into Makerspaces As Innovative Learning Environments, *research advisor/chair*
- 2016, Nadeyah Alqallaf, Mathematical Teachers' Perception of Mobile Learning and Constructing 21st Century collaborative cloud-computing environments in elementary public schools in the state of Kuwait, *research advisor/chair*
- *^2016, Xin Wang, Faculty's Knowledge, Pedagogy, and Integration Levels in the Implementation of iPads as an Instructional Tool, *research advisor/chair*
- 2016, Ali Buhamad, Visual Approach and Design: The Appropriate Characteristics Of

- Instructional Photos As A Tool To Support Elementary Setting In Kuwait, *research advisor/chair*
- 2016, Kelly McKenna, Affinity Spaces in Adult Online Learning, *research advisor, co-chair*
- 2016, Ivan Nikolaeff, Mobile Learning in An Outdoor Learning Environment: An Autobiographical Narrative Using Applications Based Information and Resources, *research advisor/chair*
- ^2016, Nariman Alawami, Examining Teachers' and College Students' Perspectives Toward E-Textbooks as an Educational Tool, *committee member*
- 2016, Mohammed Alqurashi, Saudi Teachers' Experiences And Attitudes Toward Integrating Video Games For Learning: Affordances And Constraints Of Using Video Games In Saudi Arabian Classrooms, *research advisor/chair*
- 2016, Mohammed Alsuwailem, Visual-related Factors in Mobile Iconic Communication, *research advisor/chair*
- 2016, Anne Fitzgerald, The experience of professional identity development in graduating nursing students *faculty representative*
- *2015, Dennis Armstrong, The effectiveness, usability, and motivational characteristics of using animated role-playing situational simulation programs for air war college distance learning curriculum, *research advisor/chair*
- *^2015, Akio Yamanaka, Exploring a culture of learning with technology: An ethnographic content analysis of the activity of learning with educational iPad apps, *committee member*
- 2015, Abdulaziz Alenizi, Use of photography to support the learning process of science teachers of ninth through twelfth grades in the schools of Kuwait, *research advisor/chair*
- 2015, Peggy Ursay, The journey within: Discovering the sense of becoming, *faculty representative*
- 2014, Jim Copeland, Implementation of an Inter-District Curriculum Consortium Among 10 Rural School Districts In Colorado: A Case Study, *research advisor/chair*
- 2014, Keno Nagasa, Perspectives of Elementary Teachers and Ethiopian Immigrant Parents on Parent-Teacher Relations and the Education Of Ethiopian Children, *committee member*
- 2014, Betty Ebrechet, A case study of classroom blogging in the support of third through fifth grade literacy and technology skills, *committee member*

- 2014, Miriam Carrasquel-Nagy, Online attrition in a community college: Are low-income students at a disadvantage? *committee member*
- 2014, Tekleab Hailu, Adaptation and academic adjustment of first-generation immigrant students from the Horn of Africa to higher education learning in the United States, *committee member*
- *^2014, Christine Desimone, Students as Designers: Implementing a Pedagogy of Multiliteracies in A Third-grade Design Workshop, *research advisor/chair*
- 2014, Valerie Calvert, The Principals'hip: Leveraging Leadership Strengths to Successfully Navigate Complex Public School Settings, *research advisor/chair*
- 2014, Tara Laughlin, 21st Century Pedagogy: Integrating 21st Century Skills into Literacy Content in a Sixth Grade English Classroom, *research advisor/chair*
- 2014, Kevin Atkin, Schoolwide Positive Behavior Supports in a Comprehensive High School: Teachers' Core Beliefs, *committee member*
- 2014, Daniel Conn, Attending to Growth: Implications of the Colorado Growth Model for Three Rural Schools, *committee member*
- *^2013, Watsatree Diteeyont, Examination of Creativity and Development of Technology Integration Skills of Preservice Teachers within Online Education, *research advisor/chair*
- 2013, Tina Errthum, In Their Words: Teachers' Journey to Sustainable Direct Instruction Implementation, *research advisor/chair*
- *^2013, Ann Henderson, Effect of Visual Metaphor on Cognitive Load in Nursing Education Content for Pre-Clinical Nursing Students, *research advisor/chair*
- 2013, Nicholas Eastham, Asynchronous Collaborative Exam Preparation: Working or Waiting in Wiki, *research advisor/chair*
- *2012, James Hutchinson, A Theoretical Approach to Legitimizing Collaboratively Constructed Knowledge: A Content Analysis of Wikipedia Science Articles Based On Accidental Collaboration, *research advisor/chair*
- *^2012, Chatchada Akarasriworn, Students' Knowledge Construction and Attitudes toward Synchronous Videoconferencing in an Online Collaborative Problem-based Learning Environment, *committee member*
- 2011, Shani Shillingford, Preservice Teachers' Self Efficacy and Knowledge of Emotional and Behavioral Disorders, *faculty representative*
- 2011, Yu Feng Wu, An Exploration of Concise Redundancy in Online Multimedia Learning, *committee member*

