Lindsey A. McCaleb

Ph.D. Student & Graduate Research Assistant
Mary Lou Fulton College for Teaching and Learning Innovation, Arizona State University

lmccaleb@asu.edu
C 602.363.3680

I am a results-driven educator with a record of success driving superior student improvement in Title I elementary schools through collaborative use of technology, the inquiry process, and data-driven decision making. I have experience working with Native American students in a rural environment and a diverse central Phoenix student population, striving to involve families as equal partners in student education and achievement. I am passionate about the opportunities that effective technology integration can provide for all students. I demonstrate active leadership in professional organizations and boards, and am currently pursuing my Ph.D. in Learning, Literacies, and Technologies at Arizona State University.

Education

Doctor of Philosophy
Learning, Literacies, & Technologies
Mary Lou Fulton College for Teaching & Learning Innovation
(Anticipated Graduation 2028)
Arizona State University, Tempe, AZ

Master of Education
Educational Leadership, 2014
Arizona State University, Tempe, AZ

Bachelor of Science
Early Childhood Education, 2009
Miami University, Oxford, OH

Employment

Arizona State University
- Graduate Research Assistant

Balsz Elementary School District #31
- Principal
- District Technology Coach

Larry C. Kennedy School, Creighton Elementary School District #14
- Technology Integration and Engagement Specialist
- K-1st Teacher

Piñon Elementary School, Piñon Unified School District #4
- 3rd Grade Teacher

Grants, Scholarships, & Awards

- Graduate Student Government, Arizona State University, Travel Award, April 2026
- Mary Lou Fulton College of Teaching & Learning Innovation, Arizona State University, Travel Award, February 2026

- Graduate Student Government, Arizona State University, Travel Award, April 2025
- Mary Lou Fulton College of Teaching & Learning Innovation, Arizona State University, Travel Award, February 2025
- Graduate College Enrichment Fellowship, Arizona State University, 2024-2026

PUBLICATIONS

Journal Articles

- Adeloju, E., Mishra, P., McCaleb, L., & Oster, N. (2026). Designing in Uncertainty: GenAI and Creative Agency in a Graduate Seminar. *Journal of Instructional Design and Technology, 1*(2), 1-7. https://doi.org/10.65201/RKHM9093
- McCaleb, L., Henriksen, D., Mishra, P., & Oster, N. (2025). Between Imperative and Panic: Navigating AI's Educational Moment with Leon Furze. *TechTrends*, *69*(4), 700-706.
- Mishra, P., McCaleb, L., & Oster, N. (2025). Beyond Classroom Walls: The New Psycho-Social Ecology of GenAI. *AI Enhanced Learning*, *1*(1), 245-257.
- Williams, N., McCaleb, L., Price, E. (2025) Leading through Technology. *Legacy: Transformation in Action*.
- Oster, N., & McCaleb, L. (2025). Empowering Educators: A $1 Million Per Teacher Initiative to Foster Flourishing for All Students. *Journal of Imaginary Research*, *10*, 76–77.
- Henriksen, D., Oster, N., Mishra, P., & McCaleb, L. (2024). Generative AI, Creativity, Culture, and the Future of Learning: A Conversation with Mairéad Pratschke. *TechTrends*, *69*(1), 3–9.

Book Chapters

- Mishra, P., Oster, N., & McCaleb, L. (2026). Navigating Productive Tensions: A Dual Framework for GenAI-Augmented Creativity. *Handbook of Creativity in Higher Education*. Bloomsbury Academic.
- Mishra, P. & McCaleb, L. (2024). Foreword: Beyond Translation: Technology Integration as a Creative Act. *Thriving in the EdTech Revolution: A Practical Guide to Technology Integration in Teacher Education*, Nair, H.B., Viswanathappa, G., & Paliktzoglou, V.

Conference Peer-Reviewed Proceedings

- Mak, J., Coughlin, A., McCaleb, L., and Figueroa, F. (2026). Exploring Computer Science Education in Rural and Urban Regions: Ensuring Excellence for All Students. *In Proceedings of the 2026 Conference on Research on Equity and Sustained Participation in Engineering, Computing, and Technology* (pp 300–305). https://doi.org/10.1145/3796496.3811807
- Williams, J., Figueroa, F., McCaleb, L., Weisberg, L., & Israel, M. (2026). Building Collaborative Practice: An Experience Report on Professional Learning Connecting CS and Special Education Teachers. In *Proceedings of the 2026 Conference on Research on Equity and Sustained Participation in Engineering, Computing, and Technology* (pp. 120-123). https://doi.org/10.1145/3796496.3811799
- Adeloju, E., McCaleb, L., Oster, N., Jongewaard, R., & Mishra, P. (2026). Education by Design: Navigating Wicked Problems with Generative AI and Collaborative Learning. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 2050-2055)
- Figueroa, F., McCaleb, L., Mak, J., & Coughlin, A. (2026). Institutional Boundaries Limiting AI Innovation Beyond the Walled Garden. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 1468-1472)
- Henriksen, D., Woo, L., Mishra, P., McCaleb, L., & Oster, N. (2026). The Human Side of Human-AI Creative Collaboration: Expert Perspectives on Creativity, Agency, and Learning. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 2091-2095)
- McCaleb, L. (2026). Bits, Bots, & Building Literacy: AI for Tiny Techies. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 2263-2266)
- McCaleb, L., Williams, J., Figueroa, F., Israel, M., Mak, J., Babendure, J., Barrett, J., & Hall, J. (2026). Co-Designing Collaborative PD to Advance Meaningful CS Engagement for Students with Disabilities. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 1996-2001)

- Mishra, P., Heath, M., McCaleb, L., & Oster, N. (2026). Mapping the Invisible: A Framework for Understanding the Ethics of Generative AI in Education. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 1727-1731)
- Oster, N., Jongewaard, R., McCaleb, L., Adeloju, E., & Mishra, P. (2026). The Psychological Other: Student Relationships with GenAI, an Exploratory Study. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 873-878)
- Adeloju, E., McCaleb, L., Jongewaard, R., Oster, N., & Mishra, P. (2026). Socio-Emotional Learning in AI K-12 Guidance and Policy Documents: A Gap Analysis. Proceedings of the *Learning Engineering Research Network Convening (LERN 2026)*. (p. 307-314) https://doi.org/10.59668/2551.25384
- Jongewaard, R., McCaleb, L., Oster, N., Adeloju, E., & Mishra, P. (2026). Social and Emotional Dimensions of Generative AI Use. Proceedings of the *Learning Engineering Research Network Convening (LERN 2026)*. (p. 305-306) https://doi.org/10.59668/2551.25165
- McCaleb, L., Mishra, P., Oster, N., & Warr, M. (2025). AI-Integrated Design for Educators (AIDE): Teaching & Learning with a Smart, Drunk, Biased, & Supremely Confident Intern. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 2830-2835)
- McCaleb, L., Williams, S., & Price, E.A. (2025). Leading Through Technology: Bridging the Gap Between Curriculum and IT. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 1551-1556).
- Oster, N., McCaleb, L., & Mishra, P. (2025). Swiss Army Knives, Stochastic Parrots, Drunk Interns, and Overlords: Understanding AI Through Metaphors. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 842-845).
- White Taylor, J., Mishra, P., Werner J., Arner, T., Mak, J., Castellana, M., Torrejon Capurro, C., Ahmed, I., Oster, N., McCaleb, L., Dunnigan, J., & Reardon, C. (2025). Creative Applications in Generative AI: Applications in Educational Research & Practice. Proceedings of *Society for Information Technology & Teacher Education International Conference*. (p. 3054-3060).

Concept Paper

- Mishra, P., McCaleb, L., & Oster, N. (2024). Crafting a Teaching Compass for the Generative AI Age: Nurturing Educator Agency, Wellbeing, and Competencies. In *OECD Future of Education and Skills 2030 Global Forum on Implications of the Use of Generative AI for Teaching and Learning: Towards the OECD Teaching Compass*.

PRESENTATIONS

Academic Conferences & Events

- RESPECT 2026, *Exploring Computer Science Education in Rural and Urban Regions: Ensuring Excellence for All Students*, June 2026
- RESPECT 2026, *Building Collaborative Practice: An Experience Report on Professional Learning Connecting CS and Special Education Teachers*, June 2026
- ASU Just an Hour, *Understanding Human-AI Relationships*, April 2026
- ASU MLFC + EDSAFE AI Alliance Future-Proofing Human Flourishing: The Convergence of AI, Education, and Industry, *Student Spark Talks*, February 2026
- ASU Doctoral Council of the Teachers College Research Conference-Unbound Scholarship: Think Freely; Research Boldly, *Bits, Bots, and Building AI Literacy: AI for Tiny Techies Research*, February 2026
- ASU Doctoral Council of the Teachers College Research Conference-Unbound Scholarship: Think Freely; Research Boldly, *Student-AI Interaction in Schools: A Socioemotional Gap Analysis of K-12 Policies*, February 2026
- ASU Doctoral Council of the Teachers College Research Conference-Unbound Scholarship: Think Freely; Research Boldly, *Beyond School: Exploration of Human-AI Relationships*, February 2026
- AzTEA STEM Unconference, *Data and AI Panel*, February 2026
- ASU Future of Learning Community Fest, *Navigating Education Policymaking in the Age of GenAI*, February 2026
- AI Day at ASU, *Student Panel Discussion led by Dr. Punya Mishra*, September 2025

- ASU Just an Hour, *Humanity and Creativity xAI*, April 2025
- SITE, *Leading Through Technology: Bridging the Gap Between Curriculum and IT*, March 2025
- SITE, *Swiss Army Knives, Stochastic Parrots, Drunk Interns, and Overlords: Understanding AI Through Metaphors*, March 2025
- SITE, *AI-Integrated Design for Educators (AIDE): Teaching & Learning with a Smart, Drunk, Biased, & Supremely Confident Intern*, March 2025
- SITE, *Creative Applications in Generative AI: Applications in Educational Research & Practice*, March 2025
- Future of Learning Community (FOLC) Fest, *AI in Higher Ed: Dilemmas and Dialogues*, February 2025
- Teachers' College Doctoral Council (TCDC) Annual Conference, *Post-Pandemic Barriers to Effective Technology Integration in K-12 Education*, February 2025
- AZ Canvas Connect Conference (ASU), *Featured Panel,* February 2025
- AZ Canvas Connect Conference (ASU), *AI Conversations*, February 2025
- AZ Canvas Connect Conference (ASU), *Optimizing Canvas: Constructing a Uniform Structure for Improve Accessibility*, February 2024

K-12 Practitioner Conferences & Professional Development

- Gila County AI Day, *AI Literacy for Tiny Techies*, July 2026
- ISTE+ASCD Live 26, *Leading Through Technology: Bridging the Gap Between Curriculum and IT*, June 2026
- AZ CSPD Week, *Making CS Accessible and Inclusive for All Students*, June 2026
- AzTEA CI & IT Symposium, *Trust and Change Models*, April 2026
- Union ESD Superintendent's Strategic Planning Committee, *Collaborative Strategic Planning for Technology*, April 2026
- ASU Preparatory Academy AI PD Series, *AI Literacy for Tiny Techies*, April 2026
- ASU Early Childhood Conference, *AI Ethics and Safety*, March 2026
- ASU Early Childhood Conference, *AI Literacy for Tiny Techies*, March 2026
- Union ESD Superintendent's Strategic Planning Committee, *Collaborative Strategic Planning for Technology*, December 2025
- AzTEA Fall Conference, *Bits, Bots, & Building AI Literacy: AI for Tiny Techies*, October 2025
- GovTech Center for Digital Education Arizona CIO/CTO Forum, *AI Learning: Building AI-Enhanced Learning Ecosystems*, October 2025
- AZ Science Center Educate to Innovate Conference, *Bits, Bots, & Building AI Literacy: AI for Tiny Techies*, September 2025
- OpenAI Academy, *Designing Professional Development That Supports Educators*, July 2025
- AZ Department of Education Teachers' Institute and Leading Change Conference, *Bits, Bots, & Building AI Literacy: AI for Tiny Techies*, June 2025
- AzTEA CI & IT Symposium, Closing Keynote, April 2025
- Union ESD Superintendent's Strategic Planning Committee, *Collaborative Strategic Planning for AI*, April 2025
- GovTech Center for Digital Education Arizona CIO/CTO Forum, *Setting AI Culture for Educators*, November 2024
- Imagine Learning AI Summit, *Collaborative Strategic Planning for AI*, September 2024
- ISTE Live 24, *Creating and Growing a Successful Online School in Urban America*, June 2024
- AZ K12 Center 3Ps in a Pod (podcast), *AI in Education, Part 3: Best Practices for Teaching and Learning*, April 2024
- AzTEA CI & IT Symposium, Opening Introduction & *Using the Teach AI Toolkit*, April 2024
- AzTEA Fall Conference, Opening Introduction, October 2023
- GovTech Center for Digital Education Arizona CIO/CTO Forum, Opening Introduction, October 2023
- ISTE Certified Meet-Up, *AI Resources for Education*, September 2023
- AzTEA CI & IT Symposium, Opening Introduction & *Supporting Staff with Changes*, May 2023
- AzTEA Fall Conference, *Set Your Sights on Google Sites*, October 2022
- AzTEA CI & IT Symposium, Closing Session, May 2022
- AzTEA Fall Conference, *EdTech Coach Panel*, October 2021

- AzTEA CI & IT Symposium, *Keep/Stop/Start: Use What We've Learned to Plan for the Future*, April 2021
- AzTEA Tech 4 the Times Webinars, *Digital Journaling*, July 2020
- Balsz ESD, *Google Sites for Family Communication*, January 2020
- New Teacher Orientation, Technology and EdTech Professional Development, Balsz ESD, July 2020/2021/2022

Professional Experience

Administration & Leadership

- Balsz Online Academy Principal (K-8)
- Creighton ESD Governing Board Member and President
- AZ Technology in Education Association Past President, President, Treasurer, Marketing Committee Chair, and Professional Learning Committee Member

Instructional Coaching/Mentoring

- District Technology Coach: technology integration with laptops K-8; support and training on EdTech practices and tools for instructional coaches, K-8 teachers, and site leaders; Balsz School District
- Technology Integration & Engagement Specialist: implemented training and coaching cycles for technology integration with iPads in K-5th and laptops in 6th-8th; Larry C. Kennedy School
- Team Lead for grade level for 4 years
- District-assigned Mentor for 4 teachers across 3 grade levels
- Hosted 2 Grand Canyon University interns
- Assigned a student teacher during third year of teaching
- While teaching, co-led Professional Development on technology integration, scholarly discussions, math practices, grammar instructional strategies, and Conscious Discipline
- Instructional Alignment and Curriculum Development in 3 districts over 9 summers
- Collegial Coaching on Math Practices

Teaching

- Used data-driven decision-making to implement core instruction in differentiated groups, specifically in a K/1 combination class with students ranging from Preschool to 2nd grade academic levels and students with special needs (social-emotional, developmental, and academic)
- Flipped iPad teacher: Implemented the use of iPads to supplement instruction tailored to students' individual needs, gather additional data about student learning, and empower students to create and share their work in digital portfolios
- Personally developed extensive community outreach involvement and communication with families and community members through cadre work, home visits to families, participation in and attendance at Phoenix community and Navajo local chapter events, attendance at family celebrations and ceremonies, and local newspaper and radio communications
- Taught both Mainstream and ELD classes, with student populations of refugees from 10 different countries in Phoenix and Native Americans from 2 tribes on the Navajo Reservation
- Attended Spanish Language Immersion program in Querétaro, Mexico for language and cultural competency with students' families

Service & Leadership

- SITE TPACK SIG Co-Chair, 2026-2028
- ASU MLFC Doctoral Council of the Teacher's College, Secretary, 2026- 2027
- AzTEA Board Member, 2026-present
- Balsz Community Education Foundation, Board Member, 2024-present
- AZ AI Alliance Guidance Reviewer, 2026
- ASU Doctoral Council of the Teachers College Research Conference-Unbound Scholarship: Think

Freely; Research Boldly, Planning Committee, 2026
- ASU MLFC AI Day, Planning Committee, 2025
- AzTEA Fall Conference, Planning Committee, 2025
- AERA Annual Meeting Reviewer, 2025
- ASU MLFC Doctoral Council of the Teachers' College, LLT Representative & Conference Committee, 2025-2026
- AzTEA CI & IT Symposium, Co-chair of Planning Committee, 2025
- AZ Canvas Connect Conference, Planning Committee, 2025
- ASU Teaching Assistant, *Human Creativity xAI*, Spring 2025
- Assistant Guest Editor to Punya Mishra, Special Issue: *Integrating Generative AI and Game-Based Learning for Equitable and Effective Learning* in *Education Sciences*, 2024-2025
- AzTEA Fall Conference, Chair of Planning Committee, 2024
- Assisted Punya Mishra, Peer Review, for *Computers & Education* in *Current Issues in Education*, 2024
- AzTEA Past President & Marketing Committee Chair, 2024-2026
- AzTEA CI & IT Symposium, Chair of Planning Committee, 2024
- AzTEA Fall Conference, Chair of Planning Committee, 2023
- AzTEA President, 2023-2024
- AzTEA CI & IT Symposium, Planning Committee, 2023
- AzTEA Fall Conference, Planning Committee, 2022
- AzTEA President Elect, 2022-2023
- AzTEA CI & IT Symposium, Planning Committee, 2022
- Creighton Elementary School District, Governing Board Member, 2022-2024
- AzTEA Fall Conference, Planning Committee, 2021
- AzTEA Treasurer & Professional Learning Committee Chair, 2021-2022
- AzTEA CI & IT Symposium, Planning Committee, 2021
- Creighton Elementary School District, Governing Board President, 2021
- AzTEA Fall Conference, Planning Committee, 2020
- New Teacher Orientation, Planning Committee, July 2020/2021/2022

Professional Affiliations & Organizations

- Association for the Advancement of Computing in Education (AACE), 2025-present
- Society for Information Technology and Teacher Education (SITE), 2025-present
- SITE Early Childhood Education SIG, 2025-present
- SITE Technological, Pedagogical, and Content Knowledge SIG, 2025-present
- American Association for the Advancement of Science (AAAS), 2025-present
- American Educational Research Association (AERA), 2025-present
- Artificial Intelligence in Education Learning Futures Collaborative, Arizona State University, 2024-present
- Arizona AI Alliance, 2024-present
- Project OASIS Learning Futures Collaborative, Arizona State University, 2024-2026
- Generative Artificial Intelligence Student Organization, Arizona State University, 2024-2026
- Arizona School Board Association, 2020-2024
- Arizona Technology in Education Association, 2018-present
- International Society for Technology in Education (ISTE), 2018-present
- Arizona Education Association; National Education Association, 2009-present

Committee Work

- EdTech Certification Input Focus Group, Arizona Department of Education, 2023
- Employee Council, Balsz ESD, 2022-2023
- District Safety Committee, Balsz ESD, 2022-2023
- Business Community Council, Balsz ESD, 2022-2023
- Law Conference Delegate, Arizona School Boards Association, 2022
- Vision Planning & Digital Innovation, Creighton ESD, 2017
- Capital Resources Committee, Creighton ESD, 2016-2018
- Conscious Discipline Cohort, Larry C. Kennedy School, 2016-2018
- District Writing Cadre, Creighton ESD, 2016-2017
- District Math Cadre, Creighton ESD, 2016-2017
- District Leadership Academy, Creighton ESD, 2015-2017
- Behavioral Supports & Restorative Practices, Creighton ESD, 2014-2017
- District Literacy Cadre, Piñon USD, 2010-2011
- District Math Cadre, Piñon USD, 2010-2011

Professional Awards

- Ruth Catalano Friend of Technology, Arizona Technology in Education Association, 2024-2025
- Total Boardmanship Award, Arizona School Boards Association, 2023
- Certificate of Boardmanship, Arizona School Boards Association, 2022
- Golden Bell Award: Community Engagement, Arizona School Boards Association, 2021-2022
- Employee of the Quarter, Balsz ESD, 2020
- Channel 12 AZ Teacher of the Week, nominated by Balsz ESD, March 2020
- Teacher of the Year, Larry C. Kennedy, 2016-2017

Professional Competencies

- CETL Certification -*Currently in progress*
- CITI Human Research: IRB-Social & Behavioral Research, 2024
- NVTA Certification, 2023
- Google 2 Educator Certification, 2023
- Clever STL Certified, 2023
- NSQOL Standards, 2022
- ISTE Certified Educator, 2022
- Cognitive Coaching, 2021
- Restorative Practice & PBIS, 2015, 2021
- Microsoft Certified Educator, 2020
- Nearpod Certified Educator, 2020
- FlipGrid Certified Educator, 2020
- Apple Teacher Certification, 2018
- Danielson Framework, 2010

Credentials

- Standard Professional Principal (Administrative), PreK-12: Arizona Department of Education
- Standard Professional Early Childhood Education, Birth-Age 8/Gr 3: Arizona Department of Education
- Structured English Immersion, PreK-12: Arizona Department of Education
- Highly Qualified Teacher: Arizona Department of Education

EMPLOYMENT HISTORY

Balsz Elementary School District #31, Phoenix, AZ ***July 2019-June 2024***
[Title I Schools]

Principal: Led AOI Committee to create Balsz ESD's first online school, Balsz Online Academy

- Supervision and evaluation of teaching staff
- Manage student discipline and family communication
- Create and facilitate professional development and Data PLCs
- Oversee school committees and after-school activities
- Coordinate partnerships for student and family needs and enrichment, including hosting virtual Parent Academies (partners include Everybody Matters, Mindfulness First, Common Sense, Phoenix Public Library, Red Cross)

District Technology Coach: Worked closely with Curriculum and IT Departments to train teachers and leadership and increase effective technology integration aligned with academic goals

- Facilitated yearly Tech Core cohort, supporting teachers in Google & Microsoft certifications
- Managed K-8 online programs and data
- Managed district website and social media; support family communication from the District
- Developed and facilitated blended and remote learning systems district-wide
- Facilitated creation of district-wide framework for online teaching during the pandemic
- Coordinated data analysis of effective blended and hybrid teaching models within the district
- Facilitated application and development of the new Balsz Online Academy

Larry C. Kennedy School, CESD #14, Phoenix, AZ ***July 2014-May 2019***
[Title I School]

Technology Integration and Engagement Specialist: Worked closely with Title I Coach and District/Site Instructional Coaches to increase effective technology integration aligned with academic goals and increase family engagement through the use of technology; managed K-8 online programs

Teacher (Mainstream and ELD): Taught Kindergarten, a Kindergarten & 1st Grade Combination Class, and 1st Grade, implementing a full-day differentiated small-group teaching style

Gateway School, CESD #14, Phoenix, AZ ***January 2014-May 2014***
[Title I School]

Administrative Principal Intern: Highly interactive internship providing a great variety of opportunities, in a school that serves grades K through 8th, under a successful principal with years of mentoring experience

- Implemented, monitored, and evaluated anti-bullying program in conjunction with Arcadia H.S.
- Observed District Meet and Confer Sessions held by Professional Relations Committee
- Observed and participated in weekly Site Leadership meetings, grade level coaching meetings, staff observations and evaluations, student discipline meetings, and parent meetings

Childcare Provider and Tutor ***July 2012-June 2014***

Full-time nanny and tutor for a professional couple with a toddler and a 1st grader; tutored a student weekly while he was in 4th and 5th grades in mathematics and grammar

Piñon Elementary School, PUSD #4, Piñon, AZ ***August 2009-December 2011***
[Title I School on Navajo Reservation]

3rd Grade Teacher (Mainstream and ELD): Highly successful in achieving dramatic progress and improvement in student achievement results; consistently received Proficient and Distinguished ratings

- As a teacher leader, was a significant contributor to the school's improvement from an *Underperforming* school to a *Performing Plus* school within two years:
    - Co-facilitated school staff and stakeholders in developing school mission and vision
    - Facilitator of Math Cadre, Language Arts Cadre, and Learning Community Cadre
    - Created and sponsored an after-school remedial reading program through 21st Century Grant