Deb Heim Martinez, M.Ed.

Mary Lou Fulton Teachers College | Arizona State University
Farmer Building | Mail Code 5411 | 1050 S. Forest Mall | Tempe, AZ 85281
Deb.Heim.Martinez@asu.edu 602-708-3930
ORCID: 0009-0005-0445-5998

Professional Objective

Dedicated and experienced early childhood educator with a passion for promoting student achievement through engaging, student-centered learning experiences. Committed to integrating STEAM education and hands-on learning to nurture creativity, critical thinking, collaboration, and problem-solving skills while supporting holistic development.

Education

Master of Education Curriculum and Instruction*, Early Childhood Education; ELL Endorsement,* Arizona State University*,* Tempe, Arizona, May 2002.

Elementary Education Certification*,* Warner Pacific College, Portland, Oregon*,* December 1995.

Bachelor of Science Health and Physical Education, *sub core Education* Lewis and Clark College, Portland, Oregon, June 1991.

Certification

Elementary Education Teaching Certificate, AZ Department of Education (1995-2034)

Early Childhood Endorsement, ESL Endorsement, AZ Department of Education (2002-2034)

Information Literacy Certificate, Ohio State University Library (2026)

LETRS Training for Administrators, Arizona Department of Education (2025)

National Institute for Excellence in Teaching (NIET) Certified (2018-2023)

The TAP System for Teacher and Student Advancement Certificate (2015-2018)

Professional Experience

Post-Secondary Teaching

8/16/2022-present **Clinical Assistant Professor,** Arizona State University
Taught i-courses, online and face-to-face for teacher education students, responsibilities included developing syllabi, preparing and delivering course content in both online and face-to-face environments, providing feedback and support to students, and coordinating with other instructors.Supervision of student teachers and coordination with preK-12 Mentors.

2014-2022 **Faculty Associate**, Arizona State University

Taught Early Childhood Education graduate level courses online. Responsibilities included course preparation and instruction, student assessment, feedback and academic support and supervision of clinical experiences.

2010-present* **Adjunct Faculty,** Grand Canyon University

Early Childhood and Elementary Education courses online. Responsibilities included supervision of clinical experiences, course preparation and instruction, student assessment, and providing feedback and academic support. **Life-experience credits evaluator**.

2020-present* **Online Professor,** Bryant & Stratton College

Taught Early Childhood and Career Development skills online. Responsibilities included course preparation and instruction, student assessment, and providing feedback and academic support.

2007-2022 **Adjunct Faculty,** Northern Arizona University

Taught Early Childhood and Elementary courses face-to-face at satellite campus in Phoenix. Responsibilities included syllabus development, preparing and delivering course content, providing feedback and support to students and supervision of student teachers.

2005-2007 **Clinical Assistant Professor**, Northern Arizona University
Co-developed a new Early Childhood undergraduate degree program. Responsibilities included developing syllabi, aligning to state requirements, preparing and delivering course content face-to-face, providing feedback and support to students, coordinating with other early childhood instructors and supervision of clinical experiences.

*Since 2022, only teach courses in the summer while not on ASU contract.

Additional Educational Experience

2006-2007 **Coach for Preschools,** Early Learning Opportunities Act Grant, United Way of N.Arizona
Guided preschool teachers and directors in curriculum, management and creativity in their centers; evaluated programs for student improvement.

2004-2005 **Teacher,** Killip Elementary, Flagstaff AZ
ESL designated kindergarten teacher for general education classroom. Data driven curriculum development and implementation. Supporting student success and whole child development.

1995-2004 **Teacher**, Tempe Elementary School District, Tempe, AZ
Kindergarten and first grade teacher for general education classroom. Lead Kindergarten teacher (2002-2004). ESL designated class for grade-level. District level curriculum mapping committee. Reading Recovery trained.

1991-1995 **Teacher,** Rose City Day Nursery, Portland OR
Care and instruction of toddler-preschool aged children. Looped with each group until they went to kindergarten. Emphasis on play-based learning and education of the whole child.

Professional Service

Institutional Service

MLFC Early Childhood Undergraduate Program Area Lead 2023-2026
Led the Early Childhood Education and Early Childhood Special Education undergraduate programs. Supported college initiatives, curriculum development, analysis of program data, compliance with state standards, planned and implemented monthly area lead meetings, sent bi-weekly newsletter to faculty and collaborated with other area leads. Served as the **EC Undergraduate Representative** for the Curriculum and Continuous Improvement TAGS. Contributed to the UOEEE report and the white paper on Math Curriculum.

Mentor of new faculty 2023-present
Met bi-weekly with new ECD/ECS faculty. Supported course management, student support, professional relationships, work/life balance and self-reflection. Additionally, supported new EC Area Lead.

Global Innovation and Futures in Teaching *Co-Lead* 2024-present
Increase awareness, exploration, and identification of actionable possibilities for transformative educational futures around the world. Part of the Learning Futures Collaborative at MLFC.

Moonshot Cohort Team Participant. 2025-2026
Participated in the collaborative Moonshot cohort focused on innovation and philanthropy. Gained experience engaging with philanthropic partners, co-developed and presented a funding pitch to potential donors, collaborated effectively within a four-member team, refined the project's vision, and developed a long-term strategic plan for sustainability and growth.

Principal Investigator, Research Collaboration with Dublin City University 2025- present (grant funded)
Cross-institutional research on teacher pathway programs. Hiring a student research assistant and working with a team to develop a blueprint for collegiate teacher preparation programs.

Curriculum development of *Home-based education leadership and administration.* 2026 ASU Professional Learning Hub.
Created self-paced learning course for home-based leaders running their own programs including modules, videos and playbooks.

Curriculum development of *College and career readiness counseling for nontraditional learners-launching into Adulthood. 2026* ASU Professional Learning Hub.
Created self-paced course for home-based leaders and parents working with teens including videos, modules and checklist for teens and parents/leaders.

Student Success Committee, Global Programs 2025-present
Support students in funding their study abroad program. Review scholarships, promote study abroad programs with flyers and in-class presentations. Support faculty in developing their own study abroad programs.

Play-Based Learning in Early Childhood, Possible Education Futures Lab

Co-faciliator 2025-present
Co-lead a global Possible Education Future Lab focused on play-based learning in early childhood with twelve participants from across the globe including preschool teachers, educational administrators, faculty and curriculum developers. Co-coordinate programming and artifact development to inform best practices in play.

EC Initiatives Project Team Co-Lead 2025-present
Co-lead a team of eight faculty members to support our early childhood students through webinars, community building events and interview/job-search support.

Wee Greens Project Team participant 2024-present
Work with a team to develop garden based curriculum and teach to educators in the community.

EC Faculty Search Committee 2023 and 2024
Evaluated a pool of applications; interviewed and worked with a committee to recommend and hire top candidates.

Early Childhood Conference presenter and design team 2023-present
Support conference development through marketing, evaluation of proposals, organization, presentation and reflection on data.

Working Parents Network Presenter and support 2026-present
Support monthly meetings through professional recommendations and input. April 2026, presented on joyful outdoor family experiences.

Career Track Faculty Association Awards Committee Member 2025-present
Review and rate applications for annual awards on Teaching, Leadership and Service.

ASU Scholarship Awards Committee 2025-present
Review and rate undergraduate and graduate scholarship applications.

Sun Devil Days 2023-present
Present an overview of the Early Childhood program each spring to high school students and their families.

EC Recruitment Presenter 2023-present
Present an informational webinar each semester to applicants for ECS/ECD with our MLFC Advising Team. Recruit current students to present with me.

Service in the Community

Vice President of Professional Development, Arizona Association for the Education of Young Children, 2026-present
Lead the PD Committee with monthly meetings. Coordinate and plan monthly toolkit chats for our 300 members. Distribute PD certificates. Help plan Annual Meeting. Support the development of our online Toolkit of resources for EC professionals. Create informational padlets for Week of the Young Child and Back to School.

National Association for the Education of Young Children ***Advisor*** 2024-present

Provide feedback through focus groups on various aspects of NAEYC including the website, membership and more. **National Conference Proposal Reviewer.**

National Association for the Education of Young Children. Hello! Kindergarten **Interest Forum Co-Chair** 2023-present
Co-manage an online discussion forum and resource center for members who teach kindergarten.

ISTE EC **Community Leader** 2024-present
Co-manage an online discussion board and resource center for members who teach early childhood education. Promote PD events and conference support.

MCC Morocco 2027 International Conference ***Reviewer.*** Moroccan Center for Civic Education.

Maricopa County 4-H ***Scholarship Review Committee*** 2022-present
Annually, review and score scholarship applications for students entering college or trade school.

Maricopa County 4-H Leaders Council, ***STEM Advisor,*** 2026-present.
Advise programming and events for the county; support STEM initiatives.

4-H State STEM ***Volunteer,*** Arizona 4-H 2020-present
Collaboration with regional STEM leads to create curriculum, learning experiences and programs. Plan STEM Ambassador meetings including career fairs and professional skill development.

Center for the Exceptional Child-Proposal ***Reviewer*** for annual conference 2023
Review and score proposal applications.

STOA Homeschool Speech and Debate ***Volunteer*** 2021-2024
Script Submission ***Coordinator/Reviewer***, ***Judges Trainer, Tournament Judge.***

2007-2009 **Secretary, Newsletter Editor**, Arizona Association for the Education of Young Children
Correspondence for chapter, newsletter, mailers, meeting notes.

2006-2008 **President and Affiliate Founder, Newsletter Editor** Northern Arizona Association for the Education of Young Children
Created local chapter for area by following national guidelines, established relationships with community members and centers, fundraising.

2005-2010 **Board Member,** Alliance for Children's Early Success (Regional council)
Promoted early childhood initiatives in Northern AZ by bringing agencies together, created materials to educate the public on issues including quality care and developmental milestones.

<u>Funded Grants</u>

Learning Futures Collaborative Accelerator Award, (2026-2027), Mary Lou Fulton College for Teaching and Learning Innovation. ($14,400). Role: **Co-Principal Investigator.**

Integrating Principled Innovation in ECS411 and ECS412 (2026), ASU Principled Innovation ($8,520). Principal Investigator: Foulger, T. Role: **Co-Investigator.**

Re-imagining Initial Teacher Education (ITE) pathways to be equitable, future-ready, and responsive to evolving educational workforce demands, (2025-2026), Arizona State University's Mary Lou Fulton College for Teaching and Learning Innovation/Dublin City University's Institute of Education. ($5,851). Role: **Principal Investigator.**

From Course to Classroom: Embedding AI in Teacher Preparation Programs, (2025), Arizona State University XQ Institute. ($1000). Principal Investigator: Perrone, J. Role: **Co-Investigator.**

Learning Futures Collaborative Accelerator Award, (2025-2026), Mary Lou Fulton College for Teaching and Learning Innovation. ($15,000). Role: **Co-Principal Investigator.**

Pending Grants

WISE Prize for Education (2026-2027). Qatar Foundation. ($125,000), Role: **Co-Principal Investigator.**

First Voices: Early Literacy and English Language Program, Karonga, Malawi. (2026-2027)U.S. Exchange Alumni Network and Capacity Building Grant, U.S. Department of State. ($10,000), Role: **Co-Investigator.**

Wee Greens: An Interdisciplinary Gardening Unit for Early Childhood 2026-2027) Sprouts Foundation: Growing Healthy Kids ($5,000), Role: **Co-Investigator.**

Professional Memberships

Career Track Faculty Association, ASU

Faculty Women's Association, ASU

National Association for the Education of Young Children

AZ Association for the Education of Young Children

International Society for Tech in Education (ISTE)

Association for Supervision and Curriculum Development (ASCD)

Honors and Awards

2026 *Beyond Youth Leadership Award*, 4-H Western Regional Team Winner
2026 Silver Volunteer Service Award, ISTE +ASCD
2026 *Career Track Outstanding Service Award,* nominee
2025 *Excellence in Teaching Award*, runner up
2025 *Service Award,* Maricopa County 4-H
2025 *SUN Award for Supporting Student Success*
2025 Silver Volunteer Service Award, ISTE +ASCD
2024 *Apple Polisher Award*
2024 *Community Builder Award*
2024 *SUN Award for Excellence in Teaching*
2023 SUN Award for Demonstrating Leadership

2020 *Outstanding 4-H Leader,* AZ
2014 *Outstanding Faculty Award*, Grand Canyon University
2010 *Distinguished Grant procurement*, Reach out and Read Northern Arizona
2008 *Community Service Award*, Alliance for Children's Early Success
2003 Inducted into *Lewis and Clark Swimming Hall of Fame,* Lewis and Clark College
1999 *Target Teacher Scholarship*

Publications

Peer Reviewed

Martinez, D.H., Hoffner, K., Crabtree, C., Morris, K., Rillero, K., Rillero, P., & Guerrero, K. (2026). *Wee greens: A garden-based learning kindergarten curriculum.* Urban Farming Education. ISBN: 979-8-8959007-3-4.

Lopez, G. U., Webb, G., Astra, A., Johnson, K., Turner, E., Ruiz, N., Bishop, T., & **Martinez, D.H.** (2025, September 26). *Designing a virtual XR farming system.* University of Arizona 4-H.

Jennewein, H., Hennessey, M., Crabtree, C, Kicey, K. **Martinez, D.H.** & Pinkerton, T. (2025). *Pathways to Character, Growing Little Minds and Big Hearts,* Preschool Card Deck, ASU Principled Innovation.

Pearson, J., **Martinez, D.H.,** Lichtsinn, J., Brown, K., Lindsie, S., Holton, A. (forthcoming) *Staying Power: How Alternatively Licensed Teachers Are Redefining Persistence, submitted to Teachers and Teaching 2025.*

Martinez, D.H. (2025). *Drones Head-to-Head: Choosing a UAV Program for Your Classroom*. *Ed Tech Index.* https://edtechindex.org/articles/drones-head-to-head-choosing-a-uav-program- for-your-classroom.

Martinez, D.H. (2025). Enter the XR Era: Products that Redefine Reality. *EdTech Index*. https://edtechindex.org/articles/enter-the-xr-era-products-that-redefine-reality.

Martinez, D.H. (2025). From Imagination to Reality: Choosing the Right 3D Printer. *Ed Tech Index*.https://edtechindex.org/articles/from-imagination-to-reality-choosing -the-right-3d-printer.

Martinez, D.H. (2022, March 1). *Teaching Tuesday: The joy in teaching.* Teaching in Purple. Grand Canyon University. *https://www.gcu.edu/blog/teaching-school-administration/teaching-tuesday-joy-teaching.*

Martinez, D.H. (2021). *Healthy living for teens, A 4-H workbook.*

Non-peer Reviewed

Martinez, D.H. & Swaitowiec, R. (2023-2026) *The vault, a resource hub for clinical experiences.* Arizona State University.

Martinez, D.H. (2025). *Cross curricular Strategies to integrate family, culture and background.* (video) ASU Vault for Clinical Experiences.

Ochoa, S., **Martinez, D.H.**, Ephraim, C*., Bain, A.* & Zhang, H.* (2025) *Educator Visitor Packets*, ASU Art Museum.

Martinez, D.H. (2006-2008). *Quarterly Newsletter,* NAzAEYC Editor.

Martinez, D.H. (2003). *Celebrate Reading* 21st Century Learning.

Martinez, D.H. (2001). *Colors In the Classroom* TASP (The Association for the Study of Play) presentation and published in the TASP newsletter.

Martinez, D.H. (2002) *Strategies for Reading* AzAEYC Fall Newsletter.

Martinez, D.H. (2000*) Educator's Idea Packets* Phoenix Children's Museum.

*Student participants.

Presentations

Martinez, D.H. (Guest). (2026, May). Wee Greens: Turning Classrooms Into Living Learning Labs [Video]. *Harvesting Wisdom Podcast*. https://www.youtube.com/watch?v= dGGZ5keU434.

Martinez, D.H., & Candelaria, S. (2024–2026). *The American education system*. Seoul National University Wintercamp.

Martinez, D.H., O'Flaherty, R., Pinkerton, T., & Thompson, N. L. (2026, January). *Possible Education Futures Labs [Poster presentation]*. TCDC at ASU.

Martinez, D.H., O'Flaherty, R., Pinkerton, T., & Thompson, N. L. (2026, February). *Possible Education Futures Labs.* Learning Planet Festival Poster Gallery Walk.

Martinez, D.H., & Franklin, M. (2026, February). *The Power of Less,* ISTE Teacher Talk.

Martinez, D.H. (2026, March) *Joyful Learning* [invited presentation]. Tempe Preschool Teachers Professional Development Day.

Martinez, D.H. (2026, March) *Principled Innovation* [Invited presentation].Tempe Preschool Teachers Professional Development Day.

Martinez, D.H., Duarte, A.* & Zapata, A.* (2026, March). *The Final Test: Inside the Student Teaching Experience.* [Conference presentation with students]. ASU Early Childhood Conference.

Martinez, D.H., & Hoffner, K. (2026, March). *Wee greens and outdoor learning* [Conference presentation with colleague]. ASU Early Childhood Conference.

Martinez, D.H., & Crabtree, C. (2026, April). *Natural play experiences* [Invited presentation with colleague]. ASU Working Parents Network.

Martinez, D.H., & Franklin, M. (2026, April). *The Power of Less.* Quick Bites Talk, ISTE.

.

Martinez, D.H. & Crabtree, C. *(2025). Raising Awe Seekers: Principled Innovation Book Study*, [Presentation with colleague], Arizona State University.

Martinez, D.H. & Crabtree, C. (2025, Dec.).*The Outdoor Classroom [Invited presentation],* AZToolkit Chat.

Martinez, D.H., O'Flaherty, R., Pinkerton, T., & Thompson, N. L. (2025, January). *Possible Education Futures Labs,* TDCD at ASU [poster presentation] https://hdl.handle.net/2286/R.2.N.201681.

Martinez, D. H. O'Flaherty, R., Pinkerton, T., & Thompson, N. L. (2025, January). *Collaboratively envisioning new possibilities for the future of education: An interactive session using ASU's Possibility Thinking Bot* [Conference presentation]. Arizona State University. https://hdl.handle.net/2286/R.2.N.201674 .

Martinez, D.H., & Brown, T. *(2025). Building teacher morale & support* [*invited presentation*]. ISTE Teacher Talk.

Martinez, D.H. & Robertson-Honecker, J., (2025, March). *Mystery at the museum: STEM challenge [Conference presentation].* 4-H National Ignite Conference.

Martinez, D.H. (2025, September). *Outdoor math* [invited presentation]. ASU Fellows.

Martinez, D.H. (2024). *Putting the POP in your presentation.* ASU Learning Hub.

Martinez, D.H. (2024). *The superhero mindset*. ASU Learning Hub.

Martinez, D.H. (2023). *Supporting young poets.* Arizona State University.

Martinez, D.H. (2023). *Foundations for creative thought.* Arizona State University.

Martinez, D.H. (2023). *Promoting children's art and illustration.* Arizona State University.

Martinez, D.H. (2016). *Building emotional connections with your college students* [Invited presentation} Grand Canyon University.

<u>Courses Created/Revised</u>

Created courses or revised syllabus to meet the needs of today's classroom. Aligned to latest research and state/industry standards.

ECD 417 Arts Integration Revised 2026

ECS 411	STEM Methods	Created 2023, Revised 2026
ECS 412	Math Curric & Assess.	Revised 2024, Revised 2026
ECD 527	Math in ECE	Revised 2025
ECS 549	Typical/Atypical Devel.	Revised 2024 w/ O'Flaherty, R. and Haltorp, K.
ECS 579	Apprentice Teaching	Revision 2024with Swingle, C.
ECS 596	Student Teaching	Revision 2024 with Swingle, C.
ECS 567	PreK-Grade 3 internship	Revision 2024 with Swingle, C.
ECS 574	Prek-Grade 3 Appren.Teaching	Revision 2024 with Swingle, C.
ECS 556	Birth-Prek Internship	Revision 2024 with Swingle, C.

Course Coordination

Maintained course syllabi and materials, managed resources including links to materials and assignments on a Learning Management System, and provided support to part-time and full-time faculty teaching the course.

EDC 417	Arts Integration for YC	2023-present
ECS 412	IMYC STEM	2023-present
ECS 411	Math Curric & Assessment	2024-present
ECD 527	Math in ECE	2024-2025

Courses Taught: ASU

TEL 488	Student Teaching 2024, 2025, 2026
TEL 471	Principled Educator 2024, 2025
ECD 327	Teacher as Leader 2026
ECS 310	Typ/Atyp Development 2026
ECS 312	Social/Emotional for EC 2026
EDP 310	Ed Psych for non-teachers 2024, 2025, 2026
ECS 412	Math Curric. & AssessSpring & Fall, 2024, 2025 (online and in-person)
ECS 417	Arts Integration for YC 2023
ECS 411	IMYC: STEM 2023
ECD 478	Student Teaching 2022, 2023
ECD 527	Math in Early Childhood 2015, 2016, 2018, 2019, 2020, 2021
ECD 526	Integrated Literacy 2022
ECD 565	Instructional Methods 2014, 2015, 2022 (fall and spring)
ECD 520	Child Guidance 2015, 2016, 2018, 2019 (spring and summer), 2020, 2021
ECD 505	Foundations of Early Childhood 2016, 2017, 2018, 2019, 2020, 2021
ECD 525	Emergent Literacy 2014, 2018, 2021 (fall and spring)
ECD 593	Applied Project 2015, 2019, 2020, 2021
ECD 220	Intro to Nutrition, Health and Safety 2020
EED 579	Apprentice Teaching 2018, 2019 (spring and fall), 2020
ECD 503	Intro to Research 2015, 2016, 2017, 2019
ECD 577	Practicum 2017, 2018
ECD 578	Student Teaching 2017, 2018
ECD 541	Assessment 2016, 2017

ECD 549 Human Dev. and Child Guidance 2016

Additional Courses Taught in Higher Education

Bryant & Stratton College: 2020-2026 (Since 2022- summers only while off contract with ASU)

ECED104 Health, Safety and Nutrition for the Young Child
ECED106 Family and Community Connections
ECED109 Guiding Child Behavior
ECED202 EC Program Administration
ECED203 Curriculum Planning & Implementation
SOSC203 Career Readiness

Grand Canyon University: 2010-2026 (Since 2022- summers only while off contract with ASU)

ECE120 Early Childhood Foundations and the Teaching Profession
ECE232 Child Development in Health, Safety and Nutrition
ECE362 Family, Community, and Cultural Awareness Supporting Early Childhood
ECE402 Child Guidance and Classroom Management in Early Childhood
ECE452 Early Childhood Instructional Methodologies: ELA and the Arts
ECE470 Birth through Preschool Early Childhood Practicum
ECE472 Early Childhood Instructional Methodologies: Social Studies
ECE490 Student Teaching – Pre-K to Age 8/Grade 3
ECS430 Early Childhood Phonics and Science of Reading Development
ECS502 Foundations of Early Childhood & EC SPED
ELM315 Foundational Literacy Skills: Phonics and the Science of Reading
ELM490 Student Teaching for Elementary Education Teacher Candidates
ESL436 Methods of Structured English Immersion for Early Childhood Education
REA326 Literacy Intervention and Remediation for Elementary Education
REA350 Reading Remediation and Intervention in Early Childhood

Northern Arizona University: 2005-2007 full-time, 2007-2022 adjunct faculty

Hired full time to begin developing and teaching the new EC Education Bachelors program in 2005

ECI 308 EC Practicum
ECI 408 EC Birth-Age 4 Practicum
ECI 316 Play Education-developed and taught course
ECI 318 Social Studies in EC-developed and taught course
ECI 319 Curriculum and Assessment
ECI 327 Math Methods for EC-developed and taught course
ECI 402 Integrated Literacy
ECI 409 Literacy in Early Childhood-developed and taught course
ECI 410 Foundations of Early Childhood-developed and taught course