Curriculum Vitae

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EDUCATION

PhD, *Northcentral University*, San Diego, California, Spring 2021, Philosophy in Education with a specialization in eLearning

EdD, *Arizona State University*, Tempe, Arizona, 2020, Leadership and Innovation with a focus on teacher training on pedagogy and technology strategies for diverse learners

MAEd, Northern Arizona University, Flagstaff, Arizona, 2000, Elementary Education

BAEd, Ottawa University, Phoenix, Arizona, 1995, Elementary Education

ESL Endorsement K-12, Rio Salado College, Tempe, Arizona, 2009

Gifted Endorsement, Estrella Mountain Community College, Phoenix, Arizona, 2012

CREDENTIALS

Arizona K-8 Teaching Certificate

Arizona K-12 ESL Endorsement

Arizona K-12 Gifted Endorsement

Quality Matters (QM) Certified Master Peer Reviewer

TEACHING EXPERIENCE

Clinical Faculty, Bilingual/ESL Methods courses for Elementary Education, Arizona State University, 2009 – Present (Full time 2017-present)

- TEL340 Family and Community Engagement
 - I engaged students in technology-infused learning opportunities that connect inperson experiences to online resources that support teacher engagement with students, families, colleagues, and the community
 - I utilized current AI tools, critical thinking skills, and reflective practices to expose students to innovative resources as they prepare to teach in today's classrooms

- I developed a gamified iCourse to introduce creative methods to increase motivation, engagement, and access for future educators of diverse learners
- ELL515/BLE 407/408/220 SEI for Linguistically Diverse Learners
 - I engaged students in active learning opportunities both in person and online to model effective teaching strategies in face-to-face, hybrid, and online learning
 - I utilized online formative assessments that provide choice for students to demonstrate learning while increasing in-class collaborative experiences
 - I developed online modules and hybrid/online courses to provide access to students in their student-teaching experience during program transitioning
- BLE 598 Instructional Design for Culturally Linguistic Diverse Students
 - o I engaged students in design-based and PBL experiences to support inquiry learning
 - I integrated language and technology strategies into course assignments and experiences to build a wealth of resources for pre-service teachers
- BLE 396/496 Field Experience I & II
 - I encouraged students to participate in extended activities such as schoolcommunity events and civic action projects to build real-world teaching experiences to connect theoretical knowledge to practical experiences
 - I provided a means for students to collaborate and share ideas and experiences through online communication tools to facilitate a collaborative community
- ▶ BLE 324/455 Elementary Social Studies for the Diverse Language Classroom
 - I modeled various teaching strategies such as think-pair-share, response journals, graphic organizers and utilizing visuals and realia in both in-person and virtual classroom experiences and then support students as they implement them into their field placement classrooms
 - I encouraged students to use real world application skills such as researching and sharing information through blogging and podcasts using innovative technologies
- BLE 411 Science Curriculum, Instruction and Assessment for BLE/ESL
 - I integrated curriculum by covering math and language standards while engaging students in various science inquiry investigations to model the effectiveness of curriculum integration
 - I instituted experiences such as utilizing apps to research, collaborate, and share resources while reflective on educational applications to their learning space
- SPF 301 Culture and Schooling (both face-to-face and online)
 - I encouraged students to develop curriculum through an asset-based lens to support an appreciation and connection to varied cultural backgrounds and experiences
 - I inspired dynamic teaching and learning experiences driven by students' expertise in technology and 21st century skills while embedding students cultures and building on students and their families community and linguistic cultural wealth

Education Adjunct Faculty/OSO, MCCCD, 2005 – 2015

- EDU 291 Children's Literature, MCC, web-enhanced, iPad Pilot, Teaching Foundations Project Pilot
 - I utilized various grouping options with students as they investigate various children's literature genres
- > CFS 176 Child Development, CGCC and MCC, web-enhanced and online
 - I built upon our wide range of diverse students' prior experiences in discussing the various stages of child development

- I assigned students in exploring various resources available to parents online and in the community. The students then share their new-found resources online to make these resources accessible to our nontraditional and diverse student population
- > EDU 111 Inquiry-based Instructional Approaches for Science and Mathematics I, MCC
 - I engaged students in inquiry-based experiences and then take them into a classroom to gain real-life classroom experiences
 - I encouraged students to explore new technologies while in local classrooms
- EDU 220 Introduction to Serving English Language Learners, MCC, hybrid & online
 - I modeled effective teaching strategies through the utilization of various graphic organizers, children's literature and current technologies.
 - I lead students through various exercises to better understand the growing population of language learners in our community.
- > EDU 230 Cultural Diversity in Education, MCC, web-enhanced
 - I brought my students into the community to build an understanding of the need for cultural appreciation by hosting a multi-cultural night for a local elementary school
 - I provided choices for students to utilize various modes of presentation to share their experiences of education events to support diverse student populations
- > EDU 221 Introduction to Education, MCC, web-enhanced, Canvas LMS Pilot
 - I facilitated the exploration of various learning styles and then have students participate in activities to enhance their understanding and classroom connections
 - I required students to build a digital portfolio to organize their teaching documents
- ► EPD 279 Reading Practicum K-12, MCC
 - I encouraged students to apply reading strategies in real-life situations by working with a student and then have our students share and discuss their experiences
 - I utilized web-based programs to have students construct a lesson and then share with their peers to reach the needs of our nontraditional students' busy lives

Classroom Teacher, Gilbert Unified School District, Oak Tree Elementary, Gilbert, 6th Grade, 1997 – 2004

I taught a self-contained class with an emphasis on integrating the curriculum with literature and building technology skills while teaching world cultures

Classroom Teacher, Osborn District, Solano Elementary, Phoenix, 6th Grade, 1995 – 1997

▶ I taught a self-contained class with a high SES, high ELL population

Preschool Teacher, Christ Greenfield Lutheran Preschool, 1991 – 1995

> I taught preschool for two-three year olds and four-five year olds

RELATED PROFESSIONAL EXPERIENCE

Honor's Student Mentorship, Arizona State University, 2017-present

I have mentored several honors students from Barrett's Honor's College over the years and have been an honor's thesis committee member and committee chair for two different student leaders. I highly encourage any future educators to partner with the courses I teach as part of their honor's projects each semester. I believe the opportunity to grow in knowledge, connect new knowledge to real-world experiences, and apply leadership skills to help facilitate a mini-PD for their peers in my classrooms has truly aligned with the Barrett's Honor's College mission and goals as well as has greatly enriched the courses I have taught. Often through these partnerships, students connect with me later on in their schooling to either be part of their thesis work or to edit their papers and brainstorm ideas related to their focus topics of research. I have felt privileged to have had the opportunity to collaborate and mentor these students. As a result, I am still very close to many of these students who are now colleagues and fellow educators in the field.

I mentor teacher leaders across the country as they grow in leadership skills, develop GeoCivics US DoE EED Principal Investigator, Arizona State University, 2021-Present

- I develop underrepresented teacher leader place-based professional development collaboratively with diverse colleagues to ensure 'many stories' guide the planning and implementation of K-12 curriculum – inspired from 'Danger of a Single Story'
- I mentor teacher leaders across the country as they grow in leadership skills, develop decolonized curriculum, and present at local, national, and international conferences

STEMSS (STEM+Social Studies) US DoE Co-Author & Grant Researcher, Arizona State University, 2017-2023

- I lead curriculum design, implementation and evaluation of teacher and pre-service teacher professional development in STEMSS and language instructional strategies
- I developed, piloted, and assessed an online series of teacher-preparation modules to broaden opportunity and scope of strategies to teach content and language in tandem using International Society for Technology in Education (ISTE) standards
- I partnered with local school districts and key stakeholders in supporting ELs/DLs through professional development on effective strategies using traditional and online PD
- I disseminated research findings on face-to-face and online PD at local, national, and international conferences including ISTE, International Conference of Education, research, and Innovation (ICERI), American Educational Research Association (AERA) and content and language conferences (HICE, NCSS, NABE, NCGE, NCSS, NSTA)

TL3C US DoE Grant Co-Author, Project Director, Mesa Community College, 2012-2014

- > I coordinated, implemented, assessed and reported on all areas of the TL3C grant project
- > I developed SEI and STEM courses to develop effective teachers of language learners
- I worked with education and STEM faculty to provide well-rounded quality education experiences for our pre-service teachers who are in the TL3C program
- I presented at state and national conferences to train educators K-20 on technology integration in teacher preparation programs and share effecting teacher preparation program components we have built into our TL3C program

- I developed K-6 EiE trainings for K12 partnerships to support State and National Standard implementation and inquiry-based teaching and learning
- I oversaw and worked with the project coordinator, project expert, project evaluator and project administrative assistant as project director for the TL3C Project
- I worked with K-8 educators and curriculum specialists in developing STEM curriculum for teachers of language learners and facilitating trainings to support methodology
- I worked closely with the TL3C Project Expert and External Evaluator to develop, coordinate and facilitate/implement ESL/Bilingual trainings and evaluation tools to support the TL3C project goals for both pre-service and in-service teachers
- I worked closely with the America Reads and Americorp directors at MCC to develop, coordinate I worked closely with the America Reads and Americarp directors at MCC to develop, coordinate I worked closely with the America Reads and facilitate tutor training for the TL3C cohorts who participate in America Reads and/or Americarp
- I was the initial developer of the TL3C grant and worked with MCC faculty to write and accept the TL3C grant from the US Department of Education
- I participated in various local and state programs and partnerships to move dual language programs and STEM education forward in AZ including Huppenthal's HOOPS group
- I worked with and developed evaluations for the various components of the grant including student achievement, faculty participation and growth in supporting pre-service teachers, elementary teachers in the field, K-8 administrators and TL3C advisory board.
- I worked closely with the TL3C core team to plan for and implement Annual Conferences and Meetings for the TL3C consortium
- I frequently reviewed TL3C project goals and objectives to align towards sustainability within the college and department goals and objectives

Google Trainer, traveling position, EduScape, 2014-17

- I conducted technology workshops for teachers and administrators to use Google tools and apps to support teaching and learning in the K-12 classrooms
- > I developed PD modules to be utilized by trainers to teach STEM digital tools and apps

CTL Instructional Technologist, One-year-only position, Phoenix College, 2014-15

- I coordinated, planned and conducted workshops for faculty and staff on learning design and innovative technologies to support best teaching and learning best practices
- > I investigated new technologies to improve instruction face-to-face and online
- > I worked with Phoenix College to support best practices in higher education classrooms

Science Education Specialist, Arizona Science Center, 2010-2013

- I planned and developed STEM curriculum with technology for STEM after-school clubs sponsored by ADE 21st Century Grants
- ▶ I trained instructors and classroom teachers in inquiry-based STEM learning
- > I developed a virtual curriculum for the Arizona Science Center outreach program
- ➤ I mentored with local schools to provide STEM PD for their instructors

STEMSS Curriculum Writer, Rio Salado College, 2011-13

- > I enhanced post-bac education online courses though STEM-integrated assignments
- > I collaborated with Rio Salado faculty to enhance STEM technologies in courses

Director, Mesa Community College's Academy for the Gifted Child Summer Youth College Camp, Summer 2009-11

- > I planned and developed a week-long camp as an outreach to our gifted community
- ▶ I taught cross-curricular, hands-on STEM activities to gifted children K-5
- I reached out to pre-service students to invite them to participate in the camps through service learning and then guide them in participating in real-life teaching experiences

Director, Kickstart Kindergarten Summer Youth College Camp, Summer 2009-10

- > I planned and developed a week-long camp as an outreach to our preschool community
- I conducted hands-on STEM activities in various centers to four and five year olds
- > I modeled language development strategies for service-learning students

Club Teacher, GEODES Geography/Science, Keller/Gilbert Elementary, 2008 – 2010

- ▶ I developed and conducted hands-on science experiences for ELL students K-5
- > I provided experiences for my college students to engage students in inquiry lessons

Teacher Consultant, AZGA, Geoliteracy ELL Grant Editor, 2000 – Present

- > Trainer: I trained teachers on integrating geography into their curriculum K-8
- > Lesson Writer: I wrote lesson plans that integrate geography across the curriculum
- Editor: I adapted high quality, researched elementary geoliteracy lessons and adapted them using SIOP to meet the needs of the high ELL populations in our state

Child Enrichment Director, Madison School District, Phoenix, 1993 - 1995

> I conducted after school and summer camps for children ages 4-12

PROFESSIONAL AWARDS, GRANTS, ACHIEVEMENTS, TRAININGS

- 2022-Present Co-Chair of the Instruction Community Committee for the NCSS
- 2021-Present National Council of Geography Education (NCGE) Board Member
- 2021-Present \$1.3 US DoE EED GeoCivics Grant to support underrepresented teacher leaders who work with language learners
- 2021 National Geographic Explorer Festival
- 2020 AZ Dual Language Immersion (DLI) Leadership Academy
- 2020 SEI Endorsement Framework Committee
- 2019 India Faculty Fellow Award
- 2019 Sun Award for faculty peer support and excellent performance
- 2018 Israel Faculty Fellow Award
- 2018 Congratulatory letter from Dr Crow for National Geographic Grant work

2017	\$2.5 Million US DoE NPD Grant to support teachers of language learners (TLLs)
	in STEMSS (STEM + Social Studies) through face-to-face and online PD
2017	National Geographic Explorer Grant for The Human Journey STEMSS Project
2017	National Geographic ScienceTelling Bootcamp to use technology to "Tell the
	Human Story of Teacher Education" as a NatGeo Explorer
2014	QM Master Peer Reviewer Training, PC
2014	Revised 26 GeoMath K-8 lessons to reflect new AZ and national standards
2012	\$1.9 Million US DoE NPD Grant to increase the pool of teachers of language
	learners and to support current teachers of language learners in STEM
2012	Gold Star Mentor/Mentee Program, MCC
2012	Engineering is Elementary Trainer Training, ASC
2011	CCSS Training, ADE
2011	QM Peer Reviewer Training, MCC
2010	Maricopa Storytelling Project, SMCC
2010	NCGE Distinguished Teaching Award for Higher Education, NCGE
2009	Geography curriculum provider for OneBookAZ
2008	Revised 85 GeoMath lessons to reflect new AZ standards
2006	Editor and adaptor of GeoLiteracy lessons to include SIOP strategies appropriate
2002	for English Language Learners
2003	Great Moments in Social Studies ACSS Award winner
2003	Gilbert Education Foundation Grant Recipient (\$500) to integrate literature and
2002	science for my diverse learners in my classroom
2002	Gilbert Education Foundation Grant Recipient (\$500) to implement technology integration in my classroom
2001	National Semiconductor's Internet Innovator Award (\$5000) to implement cross-
2001	curricular activities in my classroom
2001	National Semiconductor's Grant Recipient (\$15,000) to train teachers in
2001	Technology
2001	National Geographic's Teacher Consultant Grant (\$1500) to implement science,
	geography and technology activities in my classroom
2001	National Geographic Arizona Teacher Representative, Washington, D.C.
2000	Arizona Teacher Consultant through Summer Geography Institute
2000	Cox Communications Teacher of the Year
2000	Arizona Teacher Venture Grant Recipient (\$100) to integrate geographic
	children's literature in my classroom
1999	Rubbermaid's Cash for Class Grant Award (\$5000) to implement technology in
	my classroom
1998	Wells Fargo Grant Recipient (\$500) to implement cross-curricular literature
	activities in my classroom
1997	Honorable Mention, Morton Newell Award for Math
1997	Award of Merit, Morton J. Newell Award for Social Studies and Literature

PUBLICATIONS

Guerrero, K. (accepted). Guerrero, K., Mercado, M., Alercon, A., & Jimenez-Silva, M. (accepted). Guerrero, K., Jimenez-Silva, M, Coughlin, A. (accepted)

Guerrero, K. (in press). Supporting teacher leaders in the field: Professional development and STEMSS lessons that infuse geography across the curriculum to meet the needs of diverse students in every classroom. *The Geography Teacher*.

Guerrero, K (in press). Guest Editor: Special issue on 'All teachers teach geography'. *The Geography Teacher*

Guerrero, K. (in book – look up title). 2023.

- Guerrero, K. (submitted 2023). 10 Strategies to support English learners in your classroom. *The Teacher Advocate*, Kappa Delta Pi
- Coughlin, A., Guerrero, K., & Jimenez-Silva, M. (in press). Communities in conversation: Advocating for emergent bilinguals while navigating Arizona's socio-political context. In M. Jimenez-Silva, & J. Bempechat (Eds.), *Latinx experiences in U.S. schools: Voices* of students, teachers, teacher educators, and education allies in challenging sociopolitical times. Lanham, MD: Lexington Books.
- Arizona Geographic Alliance. GeoLiteracy CD of 85 Lessons Integrating Geography and with Reading and Writing, 2001-2010 http://alliance.la.asu.edu/azga/ Edited all of the lessons and adapted several of the lessons to implement SIOP elements.
- Arizona Geographic Alliance. GeoMath CD of 85 Lessons Integrating Geography and with Mathematics, 2003-2010 http://alliance.la.asu.edu/azga/ Revised the state standards and contributed several of the lessons.
- Arizona Puzzle/Map book. Highlights. Boyds Mills Press, 2005.
- Guerrero, Karen. "A World Bazaar: Learning about Community, Geography, and Economics", *Social Studies and the Young Learner*. Vol 19 Number 4, March/April, Year 2007.
- Guerrero, Karen. "Canyon Diablo—Where are You?" Outlaws of Canyon Diablo, Bradshaw Press, http://www.theoutlawsofcanyondiablo.com
- Guerrero, Karen. "Down the Colorado: John Wesley Powell." Governor Napolitano Book Program 2008 http://alliance.la.asu.edu/azga/
- Guerrero, Karen. "Gingerbread Cowboy." Governor Napolitano Book Program 2008 http://alliance.la.asu.edu/azga/
- Guerrero, Karen. Locating Canyon Diablo. Outlaws of Canyon Diablo, Bradshaw Press, http://www.theoutlawsofcanyondiablo.com materials
- Guerrero, Karen. "Mapping the Monsoon," OneBookAZ. 2009 http://www.onebookaz.org/kids/curriculum.cfm See archives
- Guerrero, Karen. "The Three Little Javelinas," OneBookAZ. 2010 http://www.onebookaz.org/kids/ curriculum.cfm

CONFERENCE PRESENTATIONS

- 2024 Translanguaging in Practice: Challenges, Rewards, and Examples from Science, Math, and GeoCivics, Hawaii International Conference in Education (HICE) Already Accepted
- 2023 *Gamify Your Classroom*, National Council of Geography Education (NCGE)
- 2023 Island Hoping: Exploring U.S. Territories Lessons For Teacher By Teachers, (NCGE)
- 2023 Using AI, Tech Tools, and Gamification to Support Diverse Learners, UC, Davis
- 2023 GeoCivics: Exploring U.S. Territories While Embedding "Many Stories" into the Classroom, Mariana History Conference
- 2023 *Technology, AI, and Pedagogical Strategies to Engage in Higher Education,* International Higher Education Conference
- 2023 Westward Expansion through the Lens of Indigenous Populations: A Place-Based Teacher Professional Development and Collection of K-12 Lessons to Teach History Through the

Lens of Those Whose Stories Aren't Told in Textbooks, Hawaii International Conference on Education (HICE)

- 2023 Supporting English Learners through Teacher Professional Development: Successes, Challenges, and Lessons Learned from Key Grant Personnel of a US Department of Education National Professional Development Grant Program, Hawaii International Conference on Education (HICE)
- 2022 Santa Susana's Nuclear Contamination, Textile Waste's Impact, and Other Lessons from STEMSS Teachers, National Council of Social Studies (NCSS)
- 2022 *Engaging Teacher Leadership in STEMSS Professional Development,* Society for Advancement of Chicanos/Hispanics & Native Americans in Science (SACNAS)
- 2022 U.S. History through Indigenous Lens: Exploring GeoCivics Lessons for Teachers by teachers, National Council of Geography Education (NCGE)
- 2022 Investing in Culturally Sustaining Pedagogies through Changing Modalities: Using Technology Strategies to Engage Diverse Students in Post Pandemic College Classrooms, Global Higher Education Conference
- 2022 Teachers of Language Learners Leadership Development Through STEMSS Training and Continued Opportunities and Support, American Education Research Association (AERA)
- 2021 STEMSS Strategies PD to Support Academic Language Development using PBL, International PBL Symposium https://doi.org/10.26226/morressier.60ddad4a5d86378f03b4156f
- 2021 STEMSS Family Engagement to Support Language Learners, (NSTA STEM21)
- 2021 ScienceTelling to Integrate 5 Themes of Geography Across the Curriculum, STEMSS Annual Conference in Education
- 2021 Exploring AI & VR in the K-12 Classroom, STEMSS Annual Conference in Education
- 2021 STEMSS Across the Map: Exploring Giant Maps to Engage All Learners in Content and Language Instruction, STEMSS Annual Conference in Education
- 2021 Effective Technology and Language Strategies Used in Higher Education to Ensure Maximum Engagement for All Students, Global Higher Education Conference
- 2021 *Teaching STEMSS to Diverse Learners through Changing Modalities: An eLearning Professional Development*, Distance Language Education International eConference
- 2021 STEMSS Strategies K-12 Teacher Professional Development to Instruct Linguistically Diverse Student Populations, American Education Research Association (AERA)
- 2021 *Teaching STEMSS using Multiple Modalities during Covid*, Hawaii International Conference on Education (HICE)
- 2020 STEMSS Family Engagement to Support Language Learners, STEM Teachers Expo
- 2020 Using Coding Language to Equitably Teach Geography and Technology to Language Learners (ISTE)
- 2020 Structured Poster Symposium on Collaboration in Support ELs (AERA)
- 2020 Building on Families' Cultural Community Wealth: Meaningful Family Engagement Through STEMSS (NABE)
- 2019 STEMSS Strategies Professional Development to Support Academic Language Development, (ICERI)
- 2019 *eLearning PD to Integrate STEMSS, Infuse Strategies, Inspire Teaching, and Ignite Learning, (ISTE)*
- 2019 English Learners/Dual Language Learners: Modeling, Practicing, and Implementing What we Know, (AERA)
- 2019 Recognizing Families' Cultural Community Wealth: Meaningful Collaboration with Families of Language Learners, (CABE)

- 2018 Supporting Linguistically Diverse Learners: GeoSTEM Lessons for Global Classrooms, (NCGE)
- 2018 STEMSS CRUISE EL, virtual presentation (ICERI)
- 2018 Using STEMSS Lessons and Strategies to Support Linguistically Diverse Learners, (NCSS)
- 2018 STEMSS PD for TLLs, (ADE OEALA Conference)
- 2016 Lessons and More Lessons: Showcasing Strategies for Addressing the Needs of English Learners, (NCGE)
- 2015 *A to Z Web2.0 Tools for P-20 Educators*, Hawaii International Conference on Education (HICE)
- 2014 *TL3C As an Innovative Approach to STEM Education and Supporting Teachers in 21st Century Classrooms*, (HICE)
- 2014 Preparing Arizona's Teachers to work with ELLs through a STEM Lens, HICE
- 2013 *Teaching STEM in the Early Childhood Classroom*, National Council of Geographic Education (NCGE)
- 2013 Creating Pathways for Bilingual/ESL Endorsed Preservice Teachers in Arizona's English-Only Political Context, American Education Research Association (AERA)
- 2013 Cinderella Around the World: The 5 Themes of Geography and Literature for the Young Child, Arizona Geographic Alliance (AZGA) GeoConference
- 2012 *Web 2.0 for Online Learning*, National Association of Community College Teacher Education Programs (NACCTEP)
- 2011 Web 2.0 for Online Learning, NACCTEP
- 2010 Geography for the Kindergarten Classroom, AZGA GeoConference
- 2010 Panel Discussion on ELL Strategies for the Social Studies Classroom, NCGE
- 2010 Maps and Young Children, NCGE
- 2010 Geography and Literature, MCC Annual Teacher Conference
- 2010 Geography and Literature, ASU Polytechnic Education Fair
- 2010 Kindergarten Science Curriculum Training, Risen Savior Lutheran School
- 2003 Literature Around the World Arizona Council for the Social Studies (ACSS) Conference
- 2002 Technology Integration, National School Board Association, Technology Conference
- 2002 Literature Around The World, AZGA GeoFest

PROFESSIONAL ORGANIZATIONS

Arizona Geographic Alliance (AZGA) Arizona Council of the Social Studies (ACSS) National Council of Geographic Education (NCGE) American Education Research Association (AERA) National Association of Bilingual Education (NABE)

PROFESSIONAL REFERENCES

Margarita Jimenez-Silva, Professor UCDavis	mjimenezsilva@ucdavis.edu
Ron Dorn, AZGA Co-Coordinator	atrid@asu.edu
Dawn Lambson, STEMSS Coach ASU	Dawn.Lambson@asu.edu