TEXAS STATE VITA

I. Academic and Professional Background

Juanita M. Silva Assistant Professor, Mathematics Education

Educational Background

Degree	Year	University	Major	Thesis/Dissertation
Ph.D.	2018	The University of Texas at Austin	STEM Education	Emerging Bilinguals' Mathematical Agency in a Teaching Experiment: Tomar Posesión y Entender Las Ideas Matemáticas
B.S.	2008	The University of Texas at Austin	Mathematics	

University Experience

Position	University	Dates
Associate Professor	Texas State University: Department of Curriculum and Instruction	2024-Present
Assistant Professor	Texas State University: Department of Curriculum and Instruction	2018-2024
Consultant Researcher	North Carolina State University, Jessica Hunt, PI	2017-2018
Assistant Instructor, Math education undergraduate courses	The University of Texas at Austin	2015-2018
Teaching Assistant, Math undergraduate courses	The University of Texas at Austin	Fall 2017
Graduate Research Assistant	The University of Texas at Austin, Jessica Hunt, PI	2014-2017
Teaching Assistant, Math education undergraduate courses	The University of Texas at Austin	2013-2014

Relevant Professional Experience

Position	Entity	Dates
Middle School Teacher, 8th Grade and Algebra 1	Thomas C. Marsh Middle School, DISD, Dallas TX	2008-2013
College Advisor and Instructor	The Road Map to College Program, Thomas C. Marsh Middle School, DISD, Dallas, TX	2012-2013
Math Department Head, 6-8 Math Teachers	Thomas C. Marsh Middle School, DISD, Dallas TX	2010-2012
Test Writer, Math	Dallas Independent School District, Dallas,	2010-2012

Department TX

Other Professional Credentials

Teaching Certification: Texas 8-12 Mathematics Education, 2008

II. TEACHING

Teaching Honors and Awards

Honor Recipient. (2022). College Achievement Award, Presidential Award for Excellence in Teaching, Assistant Professor Rank, Texas State University, College of Education.

Honor Recipient. (2020). Teaching Award of Honor for Exemplar Service during the Covid-19 Crisis, Texas State University Alumni Association.

Courses Taught

The University of Texas at Austin

Undergraduate

370E Elementary Mathematics Methods

Texas State University

Undergraduate

CI 4345 Teaching Mathematics to Diverse Children in EC- 2nd Grade Classrooms

CI 4350 Teaching Mathematics to Diverse Children in 3rd- 6th Grade Classrooms

CI 4350 Mathematics in the Integrated Elementary Curriculum

BILG 4362 Teaching Across the Bilingual Content Areas EC-6

Graduate

CI 5303 Teaching Math in the Elementary Classroom

CI 5332 Multicultural Teaching and Learning of Mathematics

Directed Student Learning (i.e., theses, dissertations, exit committees, etc.)

Ford, L. (December 2022- June 2025). Undergraduate Developmental Mathematics Fraction Understandings. [Status: Completed]. Member. Dissertation, Department of Mathematics, Texas State University.

Courses Prepared and Curriculum Development

Graduate New Course Created

CI 5332: Multicultural Teaching and Learning Mathematics, Add to the new Alternative Certification Elementary program for Education graduate majors,

Texas State University, Approved: May 2024.

Undergraduate New Course Created

CI 4348: Teaching Mathematics to Diverse Children in Early Childhood through 6th Grade Classrooms, Add to Existing Degree Program for Special Education majors, Texas State University, Approved: August 2024.

CI 4345: Teaching Mathematics to Diverse Children in Early Childhood through 2nd Grade Classrooms, Revise Existing Degree Program, Texas State University. Approved: September 2023.

Undergraduate Course Changes

CI 4350 Teaching Math in the Elementary Classroom (MULT), Revised Existing class with 60 % Multicultural Content, Texas State University. Approved: January 2022.

CI 4350: Teaching Mathematics to Diverse Children in Early Childhood through 2nd grade Classrooms, Revise Existing Degree Program, Texas State University. Approved: September 2023.

Teaching Grants and Contracts

Funded Internal Teaching Grants and Contracts

Silva, J. M. (Principal Investigator), Forsythe, M. E. (Co-Principal), Maldonado, L. A. (Co-Principal). (2019 – 2020) *Equity and STEM Integration: Using Wearable Technology to Enhance STEM Education*. [Grant]. Teaching and Learning Technology Innovation Grant. Texas State University, $4,357.00.

Teaching Professional Development Activities Attended

Continuing Education Program, *"Success: Strategies for Asynchronous Teaching"*, Center of Teaching, Learning and Scholarship at Texas State University. (April 29,2025).

Continuing Education Program, *"Engaging Minds from Afar: Faculty Presence and Student Engagement in Asynchronous Online Courses,"* Online and Extended Programs *at* Texas State University. (March 8, 2024).

Institute, *"Multicultural Curriculum Transformation & Research Institute (MCTRI)"*, Texas State University, Austin. (May 24, 2021 - May 28, 2021).

III. SCHOLARLY/CREATIVE

Works in Print

Refereed Journal Articles

Silva, J.M., Hunt, J.H., & Welch-Ptak, J. (2023). From (and for) the invisible 10%: Including students with learning disabilities in problem solving instruction. *Journal for Research in Mathematics Education. 54*(4), 260-278. https://doi.org/10.5951/jresematheduc-2020-0117

Martinez, J. H., **Silva, J.M**., Maldonado Rodríguez, L.A. (2022). Attending to others' ideas: A semiotic alternative to logocentrism in bilingual classrooms. *International Journal of Qualitative Studies in Education.* 1-18. https://doi.org/10.1080/09518398.2022.2098398

Silva, J.M., Maldonado Rodríguez, L.A., White, D.Y. (2022). Doing right by our preservice teachers of color: Reflections by mathematics teacher educators of color. *Journal of Mathematics Teacher Education in Texas, 12*(1), 14-15.

Silva, J.M. (2021). Through an equity lens: Teaching practices on children who are bilingual with learning dis/abilities during mathematics discussions. *Insights into Learning Disabilities*, *18*(2), 187-209. https://www.ldw-ild.org/images/Silva_2021.pdf

Krause, G., **Silva, J.M.,** & Aguilar, J. (2020). Bilingual pre-service teachers and their opportunities to learn. *Investigations in Mathematics Learning*, *12*(4), 289-303. https://doi.org/10.1080/19477503.2020.1836458

Hunt, J., Martin, K., Khounmeuang, A., **Silva, J.M.**, Patterson, B., & Welch Ptak, J. (2020). Design, development, and initial testing asset-based intervention grounded in trajectories of student fraction learning. *Learning Disability Quarterly*, *00*(0), 1-14. https://doi.org/10.1177/0731948720963589

Silva, J.M. (2020). Exploring the mathematical agency of a multilingual child with an identified learning disability. *Teaching for Excellence and Equity in Mathematics Journal*, *11*(3), 25-31.

Hunt, J., & **Silva, J.M.** (2020). Emma's negotiation of number: Implicit intensive intervention. *Journal for Research in Mathematics Education*, *51*(3), 334-360. https://doi.org/10.5951/jresemtheduc-2019-0067

Hunt, J.H., **Silva, J.M.**, & Lambert, R. (2019). Empowering students with specific learning disabilities: Jim's concept of unit fraction. *Journal of Mathematical Behavior*, 56, 100738. https://doi.org/10.1016/j.jmathb.2019.100738

Hunt, J.H., MacDonald, B.L., & **Silva, J.M.** (2019). Gina's mathematics: Thinking, tricks, or "teaching"? *Journal of Mathematical Behavior*, 56, 100707. https://doi.org/10.1016/j.jmathb.2019.05.001

Hunt, J. H., MacDonald, B.L., Lambert, R., Sugita, T., & **Silva, J.M.** (2018). Think-pair show-share to increase classroom discourse. *Teaching Children Mathematics*,

25(2), 78-84. https://www.jstor.org/stable/10.5951/teacchilmath.25.2.0078

Hunt, J.H., Welch-Ptack, J., & **Silva, J.M.** (2016). Initial understandings of fraction concepts evidenced by students with mathematics learning disabilities and difficulties: A framework. *Learning Disability Quarterly, 39*(4), 213-225. https://doi.org/10.1177/0731948716653101

Hunt, J. H., Westenskow, A., **Silva, J.M.**, & Welch-Ptak, J. (2016). Levels of participatory conception of fractional quantity along a purposefully sequenced series of equal sharing tasks: Stu's trajectory. *Journal of Mathematical Behavior*, *41*, 45-67. https://doi.org/10.1016/j.jmathb.2015.11.004

Conference Proceedings

Refereed Conference Proceedings

Silva, J. M., Solemani, I.* (2026, October). Examining Julia's fractional thinking in small group problem solving discussions on equal sharing tasks. In (Eds.), *Proceedings from the 41st Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. TBD). Salt Lake City, Utah.

Silva, J. M., Adams Corral, M., Martinez, R., Krause, G., Myers, M., Maldonado Rodríguez, L., & Amidon, J. (2022, November). Coming out on the other side of "the equity group": From choqué to harmony. In A. E. Lischka, E. B. Dyer, R. S. Jones, J. Lovett, J. Strayer, & S. Drown (Eds.), *Proceedings from the 44th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 2173-2175). Nashville, Tennessee.

Krause, G., **Silva, J. M.**, & Aguilar, J. (2020, November). Language: A hidden resource in preparing bilingual pre-service teachers. In A. I. Sacristán, J. C. Cortés-Zavala, & P. M. Ruiz-Arias (Eds.), *Mathematics Education Across Cultures: Proceedings from the 42nd Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 850-859). Mazatlán, México.

White, D. Y., Maldonado Rodríguez, L. A.**, Silva, J. M.**, & Anderson, C. (2020, November). Exploring culture in mathematics education from the perspectives of preservice teachers of color. In A. I. Sacristán, J. C. Cortés-Zavala & P. M. Ruiz-Arias (Eds.), *Mathematics education Across Cultures: Proceedings of the 42nd annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 587 -591). Mazatlán, México.

Silva, J.M. (2019, November). The math agency of three emergent bilinguals with identified learning disabilities. In S. Otten, Z. deAraujo, A. G. Candela,

C., Haines, & C. Munter (Eds.), *Proceedings from the 41st Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 242-247). Saint Louis, Missouri.

Silva, J.M., Myers, M., Martinez, R., Langer-Osuna, J., & Amidon, J. (2019, November). Addressing equity and diversity issues around expansion, displacement, and growth in mathematics education. In S. Otten, Z. deAraujo, A. G. Candela, C. Haines, & C. Munter (Eds.), *Proceedings from the 41st Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 2020-2025). Saint Louis, Missouri.

Hunt, J.H., & **Silva, J.M.** (2019, November). Emma's counting and coordination of units: Supporting sense making for students with working memory differences. In S. Otten, Z. deAraujo, A. G. Candela, C. Haines, & C. Munter (Eds.), *Proceedings from the 41st Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp.1477-1481). Saint Louis, Missouri.

Silva, J. M., Krause, G., & Maldonado, L. A. (2018, November). "Explicame tu estrategia": Emergent bilingual's development of mathematical agency in problem solving discussions. In T. E. Hodges, G. J. Roy, & A. M. Tyminski (Eds.), *Proceedings of the 40th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1014). Greenville, SC: University of South Carolina & Clemson University.

Hunt, J.H., MacDonald, B., & **Silva, J.M**. (2018, November) Tacit, trick, or "teach": What is Gina's mathematical reality? In T. E. Hodges, G. J. Roy, & A. M. Tyminski (Eds.), *Proceedings from the 40th Annual Meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 914-921). Greenville, SC: University of South Carolina & Clemson University.

Hunt, J.H., **Silva, J.M.**, & Lambert, R. (2017, October). From trajectories, deficits, and differences to neurodiversity: The case of Jim. In E. Galindo, & J. Newton (Eds.), *Proceedings from the 39th annual meeting of the North America Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1091-1094). Indianapolis, Indiana.

Hunt, J.H., **Silva**, **J.M.**, & Welch-Ptak, J. (2016, August). Elementary children with learning disabilities and difficulties: Initial fraction understandings. In C. Csikos, A. Rausch, & J. Szitanyi (Eds.), *Proceedings from the 40th annual meeting of the International Group for the Psychology of Mathematics Education* (pp. 3-10). Szeged, Hungary.

Hunt, J.H., Westenskow, A., **Silva, J.M.**, & Welch-Ptak, J. (2015, November). Stu's initial and evolving conceptions of unit fractions. In T.G. Bartell, K.N. Bieda, R.T. Putnam, K. Bradfield, & H. Dominguez (Eds.), *Proceedings from the*

37th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education (pp. 205-208). East Lansing, Michigan.

Papers Presented at Professional Meetings (peer-reviewed)

Silva, J. M., & Soleimani*, I. (2026, April 8-12). *Co-Constructing Fractional Understanding: The Case of Bilingual Children with Identified Learning Disabilities During Problem Solving*. [Paper Session] Annual Education Research Association (AERA) Annual Meeting, Los Angeles, CA.

Maldonado Rodriguez, L. A., **Silva, J. M.**, White, D. Y., Eley, P. (2024, November 6-9) *Reflections of Preservice Teachers of Color on a Racialized Mathematics Case of Benjamin.* [Paper Session] International Conference on Urban Education (ICUE), Cancún, Mexico.

White, D. Y., Eley, P., Maldonado Rodríguez, L., & **Silva, J. M.** (2024, Sept 25-27). *Preservice Teachers of Color Naming Racialized Mathematics Experiences*. [Round table] National Council of Teachers of Mathematics (NCTM) Research Conference, Chicago, IL.

Silva, J.M., Maldonado Rodriguez, L.A., White, D. Y., & Eley, P. (2023, February 1-4). *One Mathematics Culture Unit, Three Modifications* [Paper Session]. Association of Mathematics Teacher Educators (AMTE) Annual Conference, New Orleans, Louisiana.

Silva, J.M., Hunt, J., & Welch-Ptak, J. (2021, April 8-12). *Small environments supporting the unique fractional understanding of a child with a learning disability* [Paper session]. American Education Research Association (AERA) Annual meeting, Virtual.

Silva, J.M. (2021, April 8-12). *Capturing the responsive teacher moves of an expert bilingual mathematics teacher during clinical interviews in a bilingual setting.* In J.H. Martinez (Chair), Preparando Futurxs Maestrxs: Teaching Mathematics and Supporting Bilingualism in the Elementary Classroom [Symposium]. American Education Research Association (AERA) Annual meeting, Virtual.

Anderson, C., Maldonado Rodriguez, L.A., **Silva, J.M.** (2021, February 11 - 20). *Doing right by our pre-service teachers of color: Reflections by mathematics teacher educators of color* [Symposium]. Association of Mathematics Teacher Educators (AMTE) Annual Conference, Virtual.

MacDonald, B., Hunt. J.H., & **Silva, J.** (2019, October 16-18). *"Think pair show share": UDLizing talk moves to increase classroom discourse* [Workshop]

National Council of Teachers of Mathematics (NCTM) Regional Conference and Exposition, Salt Lake City, UT.

Hunt, J.H. & **Silva, J.** (2019, April 5-9). *Emma's numbers: Whose knowledge is valued? What knowledge is valued*? [Poster Session]. American Educational Research Association (AERA) Annual Meeting, Toronto, Canada.

Hunt, J.H., & **Silva, J.** (2019, April 1-5). *Differentiating instruction in mathematics education* [Paper Symposium]. National Council of Teachers of Mathematics (NCTM), Research Conference, San Diego, CA.

Hunt, J.H., & **Silva, J.M.** (2017, April 27-30). *Unit coordination and partitioning activity of one child with mathematics learning disability: A case study* [Paper session]. American Education Research Association (AERA) Annual Meeting, San Antonio, TX.

Hunt, J.H., Welch-Ptak, J., & **Silva, J.M.** (2016, April 11-13). *Initial understanding of fractions: Children with learning disabilities and difficulties* [Paper session]. National Council of Teachers of Mathematics (NCTM) Research Conference, San Francisco, CA.

Hunt, J.H., **Silva, J.M.,** & Welch-Ptak, J. (2016, April 11-13). *Trajectories of fractions quantities: Students with learning disabilities and difficulties* [Paper session]. National Council of Teachers of Mathematics (NCTM), Research pre-session, San Francisco, CA.

Invited Talks, Lectures, and Presentations

Silva, J. M. (2024, Sep 20). *Humanizing Mathematics for Bilinguals with Learning Disabilities.* [Speaker]. Mathematics Department, Texas State University.

Maldonado Rodriguez, L. A., **Silva, J. M.**, Martínez, J. H. (2023, Dec 1). *Cuenta conmigo: Recentering the margin in mathematics education.* [Speaker] COE Research Enhancement Committee, Texas State University, San Marcos, TX, United States.

Maldonado, L. A., **Silva, J. M.**, Martínez Hinestroza, J. (2023, Oct 25). *Racial and linguistic inclusion in mathematics*, DE 7305: Diversity in P-16 Educational Contexts, Dr. Emily Suh, Texas State University, San Marcos, TX, United States.

Silva, J. M. (Speaker) (2023, Jun 22). Building a broader definition of participation (No. 19) [Audio podcast episode]. In *Rounding Up: An MLC Podcast.* https://www.mathlearningcenter.org/educators/podcast

Silva, J. M. (2022, Oct 22). *Restructuring classroom participation norms: Leveraging multiple languages and nonverbal communication*

[Keynote Speaker] The Math Learning Center: Intervention Leadership Conference. Tempe, Arizona. https://www.mathlearningcenter.org/educators/professional-development/fall-intervention-conference

Silva, J. M. (2022, June 14). *De cualquier manera: Norms around choice for multilinguals with dis/abilities.* [Webinar]. TODOS: Mathematics for All. *https://vimeo.com/724489932*

Consultancies

Position	Entity	Dates
Math Consultant	Austin Learning Center, Austin, TX	2013-2015
MET Teacher	Measures of Effective Teachers Program, Bill Gates Foundation	2011-2013

Workshops

MacDonald, B., Hunt, J. H., Silva, J. M. (2019, October). *Think pair show share: UDLizingtalk moves to increase classroom discourse*. [Workshop]. National Council of Teachers of Mathematics (NCTM) Regional Conference and Exposition, Salt Lake City, UT.

Maldonado, L. A., **Silva, J. M.,** & Martinez H. J. (2019, August). *Cognitively Guided Instruction: Una Probadita.* [Workshop]. De Zavala Elementary, San Marcos CISD, San Marcos, TX.

Works "submitted" or "under review"

Articles

Silva, J.M., & Soleimani, E. [Under review]. Bilingual children's fractional thinking with identified learning difficulties during problem solving lessons. *Mathematical Thinking and Learning.* December 2025

Silva, J.M. [Under review]. Using the community cultural funds of knowledge of preservice teachers in a math methods course. *Journal of Mathematics Teacher Education in Texas.* December 2025.

Works in Progress

Book Chapters

Silva, J.M. [Chapter in preparation]. Capturing the responsive teacher moves of an expert bilingual mathematics teacher during a fraction discussion with three students with learning dis/abilities. To be submitted in January 2027.

White, D.Y., Maldonado Rodríguez, L.A., Eley, P., & **Silva, J.M.** [Chapter

proposal accepted]. A Culturally Responsive Study of Preservice Teachers and Educators of Color: Affirming Racial Identity Through Community. In a *Handbook on Culturally Responsive Evaluation and Culturally Responsive Research*, Oxford University Press. To be submitted in June 2026.

Articles

Silva, J.M. [Manuscript in preparation]. Elementary preservice teachers' view of mathematical language in the math classroom. *Educational Research Review*. To be submitted in March 2026.

Silva, J.M. [Manuscript in preparation]. Learning to use multilingual children with learning dis/abilities strengths during small group mathematics discussions. *Journal of Urban Mathematics Education.* To be submitted in in June 2026.

Colegrove, K. S. S., **Silva, J.M.,** Sunmin, L**.** [Manuscript in preparation]. Shared experiences and wisdom of Latine immigrant mothers of emergent bilingual children with dis/abilities. *Bilingual Research Journal*. To be submitted in July 2026.

Silva, J.M., Eley, P., White, D., Maldonado Rodríguez, L.A., Soleimani, I., & Ugiagbe, U.O. [Manuscript in preparation]. Supporting pre-service teachers of color to humanize their mathematics instruction. *Mathematics Teacher Educator Journal.* To be submitted in August 2026.

Maldonado Rodríguez, L.A., White, D., **Silva, J.M.** [Manuscript in preparation]. Place us with care: Recommendations for field placements from preservice teachers of color. Urban Review. To be submitted in September 2026.

Silva, J.M., Maldonado-Rodríguez, L., & Krause, G. [Manuscript in preparation]. Translanguaging and children's mathematical thinking of bilinguals identified with a learning difficulty during problem solving lessons. *Educational Studies in Mathematics an International Journal.* To be submitted in April 2027.

Silva, J.M., Maldonado, L., & Forsythe, M. [Manuscript in preparation]. Integrating STEM and wearable technology in a math and science methods courses. *Learning and Instruction*. To be submitted in December 2027.

Other Works Not in Print

Posters

Soleimani, I.*, **Silva, J. M.** (2025, April 18). *Examining Julia's Fractional Thinking in*

Small Group Problem-Solving Discussions on Equal Sharing Tasks. The 16th Annual Graduate Student Research Conference (GSRC), Graduate College at Texas State University, San Marcos, TX, United States.

Scholarly/ Creative Grants and Contracts

Submitted, Funded, External Grants and Contracts:

Maldonado Rodriguez, L.A. (Principal), **Silva, J. M.** (Co-Principal). *Identifying Systemic Racism in Mathematics Teacher Education: Building a Cross-Site Community with Preservice Teachers of Color.* [Collaborative Grant]. National Science Foundation, Racial Equity in STEM Education. Other PIs include: White, D. Y., & Eley, P. Funding for Texas State: $ 389,377, Total funding for multi-institution: $1,377,808. (Submitted, Funded 2023-2025).

Submitted, but not Funded, External Grants and Contracts:

White, D. Y. (Principal), Maldonado Rodriguez, L.A. (Co-Principal), **Silva, J. M.** (Co-Principal), & Eley, P. (Co-Principal). Centering preservice teachers of color racialized mathematics experiences: Voices from HBCU, HIS, and PWI teacher education programs. [Grant]. Spencer Foundation, $75,000. (Submitted, not funded: April 2022).

Submitted, but not Funded, Internal Grants and Contracts:

Maldonado Rodríguez, L. A. (Principal), **Silva, J. M.** (Co-Principal), Martínez Hinestroza, J. M. (Co-Principal). *Elementary teachers of color exploring culturally sustaining mathematics teaching*. [Grant]. Research Enhancement Program, Texas State University, $16,000.00. (Submitted, not funded: October 2021).

Silva, J. M. (Principal), *Integrating STEM using personal digital assistant devices with pre-service teachers*. [Grant]. Research Enhancement Program, Texas State University, $8,000.00. (Submitted, not funded: October 2018).

Scholarly/Creative Professional Development Activities Attended:

Workshop, "Field Vision: Understanding the Processes and Procedures for Doing Research with Austin Independent School District," Assistant Vice President for Research Development at Texas State University. (October 2025).

Workshop, "Mathematics Education Scholars of Color 3.0," Mathematics Education Scholars of Color. (May 7, 2021 - May 8, 2021).

Seminar, "Open Access and Sharing Your Research," Texas State University Library. (November 2020).

Workshop, "Women of Color Writing & Planning Retreat," Araceli Ortiz, Executive

Director, LBJ Institute for STEM Education & Research, Fredericksburg, TX, United States. (August 13, 2018 - August 15, 2018).

Fellowships, Awards, Honors

Keynote Speaker Award, Intervention Leadership Conference. The Math Learning Center ($5,000), Fall 2022.

Travel Award, Division of Diversity and Community Engagement, The University of Texas at Austin, ($ 250), Fall 2017.

Longhorn Presidential Achievement Scholarship, The University of Texas at Austin ($20,000), 2004-2008.

AP Strategies Scholarship, Advance Placement Foundation by Roger Enrico, Former PepsiCo President, Dallas, TX ($17,875), 2004-2008.

The Dallas Foundation, Peters Scholarship, Dallas, TX ($1,000), 2004-2005.

IV. SERVICE

Institutional

University

Member. (2019-2025). Mathematics Department Dissertation Committee.

Departmental

Member, (September 2024 - Present) Personnel Committee.

Co-Chair, (December 2021 - Present). Research Enhancement Committee.

Member, (September 2023-Present). Undergraduate Bilingual Education Program.

Member, (2018, September -Present). Math Methods Instructor Check in Meetings.

Member, (2018– Present). Undergraduate Elementary ESL Generalist EC – 6 Education Program.

Member, (2018- Present). Graduate Elementary Education Program.

Chair. (September 2024 - February 2025). Faculty search for Assistant/Associate Professor in Elementary Education.

Reviewer, (October 2020-2025). Curriculum and Instruction Comprehensive

Exam Scoring Committee.

Member, (July 2021-2024). Mathematics Methods Course Creation Committee.

Reviewer, (April 2018 -2023). Curriculum and Instruction Scholarship Committee.

Member, (September 2019-2023). Curriculum & Instruction Jigsaw Curriculum and Standards Committee.

Member, (2018, November -2018). Faculty Search Committee for Assistant/Associate Professor in Elementary Mathematics Education.

Professional

Editorial Team Reviewer, (June 2025-Present), Manuscripts for *Mathematics Teacher Educator Journal.*

Editorial Team Reviewer, (November 2023-Present), Manuscripts for *School Science and Mathematics Journal*.

Editorial Team Reviewer, (February 2023 - Present). Conference proposals for *National Council of Teachers of Mathematics Research Conference.*

Editorial Team Reviewer, (February 2021-Present). Manuscripts for *Investigations in Mathematics Learning.*

Editorial Team Reviewer, (November 2024 -October 2025), Manuscripts for *Mathematical Thinking and Learning.*

Editorial Team Reviewer, (February 2022- June 2025), Manuscripts for *Journal of Mathematical Behavior.*

Editorial Team Reviewer, (November 2024 - January 2025), Manuscripts for *Learning Disabilities: A Contemporary Journal.*

Editorial Team Reviewer, (August 2021-December 2024). Manuscripts for *Journal of Teacher Education.*

Editorial Team Reviewer, (June 2019-2024). Manuscripts for *Teaching for Excellence and Equity in Mathematics.*

Editorial Team Reviewer, (January2024 - February 2024). Manuscripts for *Voces y Silencios: Revista Latinoamericana de Educación.*

Editorial Team Reviewer, (March 2020 - 2023). Conference proposals for *North America Chapter of the international Group for the Psychology of Mathematics Education (PME-NA).*

Editorial Team Reviewer, (2018-2023). Manuscripts for *Educational Researcher*.

Ad hoc Proposal Reviewer, (February 2021 -2022). Grant proposals for *National Science Foundation (NSF).*

Editorial Team Reviewer, (2019-2020). Manuscripts for *American Educational Research Journal.*

Editorial Team Reviewer, (2018-2020). Manuscripts for *Journal of Research in Mathematics Education.*

Program Committee Coordinator. (September 2018 – July 2019). *Conference for the Advancement of Mathematics Teaching (CAMT).*

Professional Memberships

American Educational Research Association (AERA) Division K. (October 2018-Present).

National Council of Teachers of Mathematics (NCTM). (February 2016 – Present).

North America Chapter of the International Group for the Psychology of Mathematics Education (PME-NA). (January 2016-Present).

Mathematics for All Excellence and Equity in Mathematics (TODOS). (September 2018-Present).

Association of Mathematics Teacher Educators (AMTE). (January 2019-Present).

Community

Mentor, Association of Mathematics Teacher Educators BIPOC Mentorship Program. (November 2025 - May 2026)

Volunteer, Thomas Rivera Book Award. (March 7, 2026)

Service Professional Development Activities Attended

Mentorship Program, "AMTE BIPOC Mentorship Program," Association of Mathematics Teacher Educators. (November 2025 - May 2026).

Workshop, "AMTE BIPOC Rest, Resistance, Recovery, and Reflection Workshop, "Association of Mathematics Teacher Educators. (December 11, 2025).