
José Martínez Hinestroza

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Department of Bicultural-Bilingual Studies — College of Education and Human Development
Department of Mathematics — College of Sciences
The University of Texas at San Antonio
One UTSA Circle, 3.302E
San Antonio, TX 78249

EDUCATION

- 2019 **Ph.D. in Curriculum, Instruction, and Teacher Education**
Michigan State University
- 2011 **M.S. in Multidisciplinary Studies for International Educators**
State University of New York at Buffalo
- 2006 **Specialist Degree in Data Analysis in Social and Marketing Research**
Universidad Complutense de Madrid (Spain)
- 2002 **B.S. in Industrial Engineering**
Universidad de los Andes (Colombia)

ACADEMIC APPOINTMENTS

- 2025-Present University of Texas at San Antonio, Department of Bicultural-Bilingual Studies
Associate Professor
- 2019-2025 Texas State University, Department of Curriculum and Instruction
Assistant Professor

ADDITIONAL PROFESSIONAL EXPERIENCE

- 2013-2019 Doctoral research assistant
College of Education, Michigan State University
- 2010- 2013 Language center academic coordinator
Program for Children and Adolescents—EAFIT University. Medellín, Colombia
- 2008-2009 School academic coordinator
Instituto Musical Diego Echavarría School. Medellín, Colombia
- 2007-2010 Kindergarten to fifth grade teacher
San José de la Salle School. Medellín, Colombia
- 2006-2008 Foreign language teacher for children and adolescents
GLOTTA Antioquia. Medellín, Colombia

2002-2005 Technical and actuarial assistant
 Royal & Sun Alliance Life Insurance (Colombia) S.A. Bogotá, Colombia

PUBLICATIONS

Peer-Reviewed Journal Articles

- [17] **Martínez Hinestroza, J.**, Adams Corral, M., & Peña-Pincheira, R. S. (Under review). The politics of language in collaborative mathematics education research: A response to Ingram et al. (2024).
- [16] Adams Corral, M., Peña-Pincheira, R. S., & **Martínez Hinestroza, J.**, (Under review). Seductive errors: Alternative ways of theorizing mathematical mistakes.
- [15] **Martínez Hinestroza, J.**, Diaz Espinoza, C., Huerta Mancilla, S., Guzman Pedroza, G., & Gomez, L. (Under review). Teachers and teacher educators as co-researchers: Integrating Latinx children's experiences and mathematics lessons.
- [14] *Fletcher, N., Alexander, N., Kang, B., Kebreab, L., Marshall, B., **Martínez Hinestroza, J.**, Sundrani, A., & Velasco, R. (2025). Programs and opportunities for early career mathematics education scholars. *Journal of Mathematics Education at Teachers College*, 16(1), 46–57. <https://doi.org/10.52214/jmetc.v16i1.13345>
- *Authors two through eight contributed equally to this article and are listed alphabetically.
- [13] **Martínez Hinestroza, J.**, Strange, M. D., & Townsell, C. D. (2024). Centering pre-service teachers' whole selves: A collaborative approach to syllabus design. *Mathematics Teacher Educator*, 12(2), 89–110. <https://doi.org/10.5951/MTE.2023-0031>
- [12] **Martínez Hinestroza, J.**, Peña-Pincheira, R. S., & Adams Corral, M. (2023). Incouple numbers and dedómetros: Listening for meaning in bilingual children's mathematical lexical inventions. *ZDM – Mathematics Education*, 55(6), 1101–1112. <https://doi.org/10.1007/s11858-023-01486-3>
- [11] Martínez Hinestroza, J. (2023). Drawn onward: Symmetry as pedagogical imagination in critical mathematics teacher education. *Philosophy of Mathematics Education*, 40, 1–19.
- [10] **Martínez Hinestroza, J.**, & Abreu, V. (2022). Keeping your finger on the pulse of SEL. *Mathematics Teacher: Learning and Teaching Pre-K–12*, 115(11), 808–814. <https://doi.org/10.5951/MTLT.2022.0046>
- [9] **Martínez Hinestroza, J.**, Silva, J. M., & Maldonado Rodríguez, L. A. (2022). Attending to others' ideas: A semiotic alternative to logocentrism in bilingual mathematics education. *International Journal of Qualitative Studies in Education*. Advance online publication. <https://doi.org/10.1080/09518398.2022.2098398>
- [8] Martínez Hinestroza, J. (2022). (Re)learning what it means to participate: Bringing student and teacher perspectives into dialogue. *The Elementary School Journal*, 122(4), 616–641. <https://doi.org/10.1086/719465>
- [7] Martínez Hinestroza, J. (2022). Learning together: Relocating mathematics teacher educators' knowledge sources. *Journal of Mathematics Teacher Education in Texas*, 12(2), 7–9.
- [6] Martínez Hinestroza, J. (2020). "Hush it up!": Silence as a pedagogical resource in a

language immersion mathematics classroom. *Teaching for Excellence and Equity in Mathematics*, 8(3), 8–15.

- [5] *Lê, N. L., ***Martínez Hinestroza, J.**, Krause, E. B., Hassan, A., & Plough, I. C. (2019). A catalyst of change: A graduate student's perspectives on transformational teaching. *FIRE: Forum for International Research in Education*, 5(2), 97–119.

*Both authors contributed equally to this manuscript.

- [4] **Martínez, J. M.**, & Dominguez, H. (2018). Navigating mathematics and language tensions in language immersion classrooms. *Teaching and Teacher Education*, 75, 1–9. <https://doi.org/10.1016/j.tate.2018.05.013>
- [3] **Martínez, J. M.**, & Ramírez, L. (2018). Angling for students' mathematical agency. *Teaching Children Mathematics*, 24(7), 424–431. <https://doi.org/10.5951/teacchilmath.24.7.0424>
- [2] Martínez, J. M., & Plough, I. C. (2018). International graduate students: Agency, intentionality, and socialization reciprocity. *Journal of International Students*, 8(4), 1815–1830. <https://doi.org/10.32674/jis.v8i4.232>
- [1] Li, G., Hinojosa-Vieyra, D., Wexler, L., Bian, Y., & **Martínez, J. M.** (2017). Using multimodal modules to address pre-service teachers' knowledge gaps in learning to teach English language learners. *Tapestry*, 8(1), 2–29.

Edited Book Chapters

- [9] Martínez Hinestroza, J. (Under review). Obras son amores: Collaborative community work as sustenance for my academic journey. In M. L. Barrera, & R. Hernández-Durán (Eds.), *X Marks the Spot: Latinx + Gen X in Higher Ed*.
- [8] Martínez Hinestroza, J. (2025). Reflections on ethical commitments in critical mathematics teacher education. In E. Suazo-Flores, S. E. Kastberg, M. R. Grant, & O. Chapman (Eds.), *Mathematics teacher educators' intimate scholarship: Embracing and diversifying ways of knowing in the field of mathematics teacher education* (pp. 107–124). Emerald Group Publishing.
- [7] Martínez Hinestroza, J. (2025). Embracing and grappling with dissent: Reflections on community-building in a mathematics methods course. In C. Koestler & E. Thanheiser (Eds.), *Building community to center equity and justice in mathematics teacher education* (pp. 59–75). Emerald Publishing Limited.
- [6] Martínez Hinestroza, J. (2023). Powers and exponents: Countering the culture of control in mathematics teacher education. In I. C. Plough & W. Tamboure (Eds.), *Cultures and Languages across the Curriculum in higher education: Harnessing the transformative potentials of CLAC across disciplines* (pp. 233–247). Routledge.
- [5] Martínez Hinestroza, J. (2021). Sitting with the agency paradox to stand for childhood liberation: The case of critical mathematics education. In T. A. Kinard & G. S. Cannella (Eds.), *Childhoods in more just worlds: An international handbook* (pp. 168–185). Myers Education Press.
- [4] Martínez, J. M. (2019). An integrated approach to mathematics and language theory and pedagogy. In K. Robinson, D. Kotsopoulos, & H. Osana (Eds.), *Mathematical learning and cognition in infancy and early childhood: Integrating interdisciplinary research into practice* (pp. 187–202). Springer.

- [3] Li, G., Bian, Y., & **Martínez, J. M.** (2019). Learning to teach English language learners as “a side note”: TESOL pre-service teachers’ perspectives on their professional preparation. In J. Keengwe & G. Onchwari (Eds.), *Handbook of research on assessment practices and pedagogical models for immigrant students* (pp. 77–92). IGI Global.
- [2] Martínez, J. M. (2018). Language as resource: Language immersion mathematics teachers’ perspectives and practices. In R. Hunter, M. Civil, B. Herbel-Eisenmann, N. Planas, & D. Wagner (Eds.), *Mathematical discourse that breaks barriers and creates space for marginalized learners* (pp. 85–100). SENSE Publications.
- [1] Li, G., Bian, Y., & **Martínez, J. M.** (2018). “I don’t have the resources to learn, or... the time to do that”: Teacher educators’ perspectives and practices of preparing pre-service teachers for English language learners. In A. E. Lopez & E. L. Olan (Eds.), *Transformative pedagogies for teacher education: Moving towards critical praxis in an era of change* (pp. 175–194). Information Age.

Editorials (Non-Refereed)

- [2] Crespo, S., Bieda, K., **Martínez, J. M.**, Dubbs, C., Bezuk, N., Thanheiser, E., ... Yow, J. (2018). What makes us different makes us stronger — A statement by the MTE Editorial Board. *Mathematics Teacher Educator*, 6(2), 3.
- [1] Crespo, S., **Martínez, J. M.**, Dubbs, C., & Bieda, K. (2017). Too little, too much, just right! — Articulating shared problems in the practice of mathematics teacher educators. *Mathematics Teacher Educator*, 6(1), 3–8.

Peer-Reviewed Conference Proceedings

- [6] Martínez Hinestroza, J. (2021). Rethinking agency in critical mathematics education. In D. Olanoff, K. Johnson, & S. M. Spitzer (Eds.), *Proceedings of the forty-third annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1864–1868).
- [5] Martínez Hinestroza, J. (2020). Alternatives to mathematics class discussions: Inclusive ways to connect and expand children’s ideas. In A. I. Sacristán, J. C. Cortés-Zavala, & P. M. Ruiz-Arias (Eds.), *Mathematics education across cultures: Proceedings of the forty-second annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 2152–2153). Cinvestav/AMIUTEM/PME-NA.
- [4] Martínez, J. M. (2019). Rethinking mathematics classroom participation: Student and teacher perspectives. In S. Otten, A. G. Candela, Z. deAraujo, C. Haines, & C. Munter (Eds.), *Proceedings of the forty-first annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1444–1452). University of Missouri.
- [3] Martínez, J. M. (2018). Mathematics and language integration in a CLIL classroom: An analysis of genre. 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. 930–937). University of South Carolina & Clemson University.

- [2] Martínez, J. M. (2017). Realization of a language-as-resource orientation in language immersion mathematics classrooms. In E. Galindo & J. Newton (Eds.), *Proceedings of the 39th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1163–1169). Hoosier Association of Mathematics Teacher Educators.
- [1] Martínez, J. M. (2016). The discourse of bilingual mathematics teaching and learning. In M. B. Wood, E. E. Turner, M. Civil, & J. A. Eli (Eds.), *Proceedings of the 38th annual meeting of the North American Chapter of the International Group for the Psychology of Mathematics Education* (pp. 1345–1348). The University of Arizona.

SPONSORED RESEARCH

Funded External Grants

Project: CAREER: Affirming bilingual children's participation in mathematics (ABC-PAR)
Program: Rapid Response Bridge Funding Program
Funder: The Spencer Foundation, The Kapor Foundation, The William T. Grant Foundation, and the Alfred P. Sloan Foundation
Role: Sole principal investigator
Amount: \$25,000
Timeline: 2025-2026

Project: CAREER: Affirming bilingual children's participation in mathematics (ABC-PAR)
Funder: The National Science Foundation
Program: Faculty Early Career Development (CAREER) Program
Role: Sole principal investigator
Amount: \$859,504
Timeline: 2023-2028 (terminated in April 2025)

External Grant Proposals Under Review

Project: Leveraging embodiment to reduce Latinx children's racial participation inequality in mathematics classrooms
Program: William T. Grant Scholars Program
Funder: The William T. Grant Foundation
Role: Sole principal investigator
Amount: \$425,000
Timeline: 2026-2031

Project: A participatory approach to disrupting raciolinguistic ideologies in bilingual mathematics classrooms
Program: Racial Equity Research Grants
Funder: The Spencer Foundation
Role: Sole principal investigator
Amount: \$75,000
Timeline: 2026-2028

Funded Internal Grant

Project: Recognizing embodied and linguistic participation in bilingual mathematics classrooms

Program: Research Enhancement Program (REP)

Funder: Texas State University

Role: Sole principal investigator

Amount: \$8,000

Timeline: 2023-2024

PUBLIC ENGAGEMENT

- [3] Rodriguez, R. (2023, October 19). *Dr. José Martínez Hinestroza discusses research grant on bilingualism in mathematics education* [Interview]. KTSW 88.9 The Other Side of Radio. <https://ktsw.txst.edu/>
- [2] Martinez, N., & Navarro, M. (2023, August 11). *Fronteras: Texas State professor to study 'beautiful and brilliant' ways bilingual children use language in math class* [Interview]. Fronteras–Texas Public Radio. <https://www.tpr.org/podcast/fronteras/2023-08-11/fronteras-texas-state-professor-to-study-beautiful-and-brilliant-ways-bilingual-children-use-language-in-math-class>
- [1] Phillips, C. (2023, July 7). *Texas State professor awarded grant to research bilingual math instruction* [Interview]. Texas Public Radio. <https://www.tpr.org/education/2023-07-07/texas-state-professor-awarded-grant-to-research-bilingual-math-instruction>

CONFERENCE PRESENTATIONS

Peer-Reviewed Conference Presentations

- [44] Martínez Hinestroza, J., (Under review. 2026, April). *Integrating children's experiences and mathematical learning: Using addition to explore dynamic family structures* [Poster]. Conference of the American Educational Research Association, Los Angeles, CA.
- [43] Martínez Hinestroza, J., (Under review. 2026, February). *Teachers and mathematics teacher educators as co-researchers: Eliciting Latinx children's perspectives to provoke pedagogical imagination* [Paper presentation]. Association of Mathematics Teacher Educators, Portland, OR.
- [42] Martínez Hinestroza, J., (Under review. 2025, December). *The politics of language: Implications for mathematics education research* [Paper presentation]. Mathematics Education and Society, Valparaiso, Chile.
- [41] Chan, Y. W., & **Martínez Hinestroza, J.** (Under review. 2025, December). *Interdisciplinary democratic deliberation: Elementary pre-service teachers' perspectives* [Paper presentation]. National Council for the Social Studies, Chicago, IL.
- [40] Martínez Hinestroza, J., (To be presented 2025, November). *Exorcising ghostwriting and immateriality as mechanisms of coloniality in mathematics classrooms* [Paper presentation]. American Anthropological Association, New Orleans, LA.

- [39] Chan, Y. W., & **Martínez Hinestroza, J.** (To be presented 2025, November). Teacher candidates' environmental decision-making: Integrating spatial reasoning and democratic deliberation [Paper presentation]. North American Association for Environmental Education.
- [38] **Martínez Hinestroza, J.**, Mancilla, S. H., Diaz Espinoza, C. (2025, June). *A new angle on dreams: Connecting reading and geometry through dreamcatchers in a bilingual classroom* [Workshop]. The National Council of Teachers of English (NCTE) and National Council of Teachers of Mathematics (NCTM) Joint Conference for Elementary Literacy and Mathematics, Chicago, IL.
- [37] Diaz Espinoza, C., Adame, B., Garcia, K., & **Martínez Hinestroza, J.** (2025, April). *Children's perceptions of bilingualism and bilingual education* [Poster]. Texas State University Undergraduate Research Conference.
- [36] Diaz Espinoza, C., Adame, B., & **Martínez Hinestroza, J.** (2025, March). *Eliciting children's perceptions of mathematics classes to spark teachers' reflection on their practice* [Poster]. TXST STEM Conference Poster Presentation.
- [35] Martínez Hinestroza, J. (2024, July). *Becoming a circle: A new materialist exploration of children's understanding of shape* [Paper presentation]. 15th International Congress of Mathematical Education, Sydney, Australia.
- [34] Martínez Hinestroza, J. (2024, July). *Leveraging the multiple functions of translanguaging in bilingual mathematics classrooms* [Poster]. 15th International Congress of Mathematical Education, Sydney, Australia.
- [33] **Martínez Hinestroza, J.**, Strange, M. D., & Townsell, C. D. (2024, April). *Centering pre-service teachers' whole selves: A collaborative approach to syllabus design* [Round table]. Conference of the American Educational Research Association, Philadelphia, PA.
- [32] Adams Corral, M., Peña-Pincheira, R. S., & **Martínez Hinestroza, J.** (2023, April). *Listening for meaning: Incouple numbers, dedómetros, and bilingual children's meaningful mathematical inventions* [Round table]. Conference of the American Educational Research Association, Chicago, IL.
- [31] Adams Corral, M., Peña-Pincheira, R. S., **Martínez Hinestroza, J.** (2023, March). *Reorienting listening subject positions: Lexical inventions as legitimate sources of mathematical meaning in language-immersion classrooms* [Paper presentation]. Conference of the American Association of Applied Linguistics, Portland, OR.
- [30] **Martínez Hinestroza, J.**, Strange, M. D., & Townsell, C. D. (2023, February). *Toward humanizing mathematics methods courses syllabi: A collaborative multivocality analysis* [Paper presentation]. Conference of the Association of Mathematics Teacher Educators, New Orleans, LA.
- [29] Martínez Hinestroza, J. (2021, October). *Rethinking agency in critical mathematics education* [Paper presentation]. Conference of the Psychology of Mathematics Education – North America, Philadelphia, PA.
- [28] Martínez Hinestroza, J. (2021, June). *Alternatives to mathematics class discussions: Inclusive ways to connect and expand children's ideas* [Poster presentation]. Conference of the Psychology of Mathematics Education – North America, Mazatlán, Mexico.

- [27] Martínez Hinestroza, J. (2021, April). *Connecting reflection and practice: Developing an inclusive mathematics classroom culture of participation*. [Paper presentation]. Meeting of the American Educational Research Association, Orlando, FL.
- [26] Nazar, C. R., & **Martínez Hinestroza, J.** (2021, April). *Embracing our responsibility in changing times: Perspectivization as critical growth in science and mathematics teacher education* [Paper presentation]. Meeting of the American Educational Research Association, Orlando, FL.
- [25] Martínez Hinestroza, J. (2021, April). Culturally and linguistically sustaining mathematics teaching: Multiple actors' contributions and perspectives. In session: *Preparando futurxs maestrxs: Teaching mathematics and supporting bilingualism in the elementary classroom*. [Discussant]. Meeting of the American Educational Research Association, Orlando, FL.
- [24] Nazar, C. R., & **Martínez Hinestroza, J.** (2021, April). *Perspectivization: Empowering, evoking and revolutionizing science teacher education for social justice* [Paper presentation]. Conference of the National Association for Research in Science Teaching, NARST.
- [23] Martínez Hinestroza, J. (2021, February). *Shared epistemic authority: Relocating mathematics teacher educators' knowledge sources* [Paper presentation]. Conference of the Association of Mathematics Teacher Educators, Orlando, FL.
- [22] Martínez, J. M. (2019, November). *Rethinking mathematics classroom participation: Student and teacher perspectives* [Research report]. Conference of the Psychology of Mathematics Education – North America, St. Louis, MO.
- [21] Le, N. L., **Martínez, J. M.**, Krause, E. B., Hassan, A., & Plough, I. C. (2019, March). *Graduate student perspectives on transformational teaching and language assessment literacy*. In B. Baker (chair), Transformative teacher-researcher partnerships in language assessment [Research Symposium]. Language Testing Research Colloquium, Atlanta, GA.
- [20] Martínez, J. M. (2018, November). *Mathematics and language integration in a CLIL classroom: An analysis of genre* [Research report]. Conference of the Psychology of Mathematics Education – North America, Greenville, SC.
- [19] Martínez, J. M. (2018, April). *Angle as a dynamic concept in a fourth-grade classroom: A new materialism analysis* [Roundtable paper presentation]. Meeting of the American Educational Research Association, New York, NY.
- [18] **Martínez, J. M.**, & Plough, I. C. (2018, April). *Socialization reciprocity: Challenging deficit views in the preparation of international future faculty* [Roundtable paper presentation]. Meeting of the American Educational Research Association, New York, NY.
- [17] Martínez, J. M. (2017, October). *Language as resource: Mathematics bilingual teachers' perspectives and practices* [Research report]. Conference of the Psychology of Mathematics Education – North America, Indianapolis, IN.
- [16] Martínez, J. M. (2017, April). *A future learning perspective on pre-service teachers' preparation to teach mathematics in bilingual classrooms*. In **J. M. Martínez** (chair), Learning to teach mathematics in bilingual classrooms: Considering pre-service teachers' past, present and future experiences [Research symposium]. Conference of

the American Educational Research Association, San Antonio, TX.

- [15] Bian, Y., & **Martínez, J. M.** (2017, April). *A literature review on pre-service teacher preparation to teach mathematics in bilingual classrooms*. In **J. M. Martínez** (chair), Learning to teach mathematics in bilingual classrooms: Considering pre-service teachers' past, present and future experiences [Research symposium]. Conference at the conference of the American Educational Research Association, San Antonio, TX.
- [14] **Martínez, J. M.**, & Bradfield, K. (2017, April). *Accounts of and accounting for emerging researchers' transformations: Graduate students' perspectives*. In H. Dominguez (chair), Transforming the research-practice connection in mathematics classrooms with non-dominant students [Research symposium]. Conference of the American Educational Research Association, San Antonio, TX.
- [13] Martínez, J. M. (2017, February). *Mathematics pre-service teachers' learning to learn to teach Culturally and Linguistically Diverse students* [Paper presentation]. Conference of the Association of Mathematics Teacher Educators, Orlando, FL.
- [12] Martínez, J. M. (2016, November). *The discourse of bilingual mathematics teaching and learning* [Brief research report]. Conference of the Psychology of Mathematics Education – North America, Tucson, AZ.
- [11] Martínez, J. M. (2016, July). *Supporting bilingual mathematical discussions: Instructional strategies* [Paper presentation]. The 13th International Congress on Mathematical Education, Hamburg, Germany.
- [10] Martínez, J. M. (2016, April). *Characterization of strategies to support both language and mathematics learning* [Paper presentation]. Meeting of the American Educational Research Association, Washington, DC.
- [9] **Martínez, J. M.**, Bian, Y., Wexler, L., Li, G., & Hinojosa-Vieyra, D. (2016, April). *Perceptions and knowledge base of pre-service teachers with backgrounds in second language teaching* [Paper presentation]. Meeting of the American Educational Research Association, Washington, DC.
- [8] Bian, Y., Wexler, L., Li, G., Hinojosa-Vieyra, D., & **Martínez, J. M.** (2016, April). *Pre-service teachers' perceptions of their preparation for teaching ELLs* [Paper presentation]. Meeting of the TESOL International Association, Baltimore, MD.
- [7] Dominguez, H., **Martínez, J. M.**, & Bradfield, K. (2016, March). *Standards and the emerging practice of teacher candidates* [Paper presentation]. Conversations among Colleagues Conference of the Michigan Association of Mathematics Teachers Educators. Kalamazoo, MI.
- [6] Martínez, J. M. (2016, March). *Mathematical discussions in two bilingual classrooms* [Paper presentation]. Meeting of the National Association for Bilingual Education, Chicago, IL.
- [5] Li, G., **Martínez, J. M.**, & Bian, Y. (2015, April). *Preparing pre-service teachers to teach English language learners: Issues and perspectives* [Paper presentation]. Meeting of the American Educational Research Association, Chicago, IL.
- [4] Bian, Y., Li, G., & **Martínez, J. M.** (2014, December). *Preparing pre-service teachers for ELLs: Instructors' practices and perspectives*. In G. Li (Chair), Preparing pre-service teachers to teach English language learners: Issues and perspectives [Research symposium]. Meeting of the Literacy Research Association, Marco Island, FL.

- [3] Li, G., **Martínez, J. M.**, & Bian, Y. (2014, December). *What do pre-service teachers need to know to teach ELLs in complex classrooms? A research synthesis*. In G. Li (Chair), Preparing pre-service teachers to teach English language learners: Issues and perspectives [Research symposium]. Meeting of the Literacy Research Association, Marco Island, FL.
- [2] **Martínez, J. M.**, Li, G., & Bian, Y. (2014, December). *What do pre-service teachers learn about ELLs from their teacher education courses? A syllabi analysis*. In G. Li (Chair), Preparing pre-service teachers to teach English language learners: Issues and perspectives [Research symposium]. Meeting of the Literacy Research Association, Marco Island, FL.
- [1] Dominguez, H., Bradfield, K., & **Martínez, J. M.** (2014, July). *Teachers as researchers of student noticing in bilingual classrooms* [Brief research report]. Meeting of the Psychology of Mathematics Education, Vancouver, Canada.

Invited Presentations

- [9] Martínez Hinestroza, J. (2024, June). *Planning curriculum with and for communities of color: Tapping into Black and Latiné kindergartners' mathematical brilliance* [Keynote session]. First National Meeting of Racial Justice in Early Mathematics (RJEM), Chicago, IL.
- [8] **Martínez Hinestroza, J.**, Adams Corral, M., Peña-Pincheira, R. S. (2023, diciembre). *Incouple numbers and dedómetros: Listening for meaning in bilingual children's mathematical lexical inventions* [Webinar]. Reconceptualizing the relationship between language, mathematics, and the learner in mathematics education research, ZDM – Mathematics Education.
- [7] Martínez Hinestroza, J. (2023, December). *My research trajectory: Recentering, clarifying, muddying* [Panel]. Cuenta conmigo: Recentering the margin in mathematics teacher education. Research Enhancement Committee, College of Education, Texas State University. San Marcos, TX.
- [6] Martínez Hinestroza, J. (2023, August). *Diversity among Latiné communities and implications for practice and research: Lightning talks & discussion* [Panel]. Conectando Saberes: Forum on STEM Learning Among Latiné Youth and Families by the National Science Foundation.
- [5] Workshop on Rehumanizing Mathematics. (2023, July). *Conversation on rehumanizing mathematics* [Panel]. The Park City Mathematics Institute, Park City, UT.
- [4] **Martínez Hinestroza, J.**, Strange, M. D., & Townsell, C. (2023, March). *Developing humanizing teaching methods courses syllabi* [Research report]. Wayne State University, Detroit, MI.
- [3] Martínez, J. M. (2019, November). *Symmetry and bilingual mathematics research: A provocation* [Brief research report]. Bilingual Learners Working Group at the conference of the Psychology of Mathematics Education – North America, St. Louis, MO.
- [2] Martínez, J. M. (2016, November). *From using to understanding tools: Reimagining the protractor to support student mathematical agency* [Paper presentation]. TODOS Live! webinar series from the TODOS: Mathematics for All organization.

- [1] Martínez, J. M. (2016, April). *Teaching mathematics and a second language through multisemiotics* [Paper presentation]. Research forum of the MSU chapter of the Society for Advancement of Hispanics/Chicanos and Native Americans in Science, East Lansing, MI.

UNIVERSITY TEACHING EXPERIENCE

The University of Texas at San Antonio, Department of Bicultural-Bilingual Studies
2025-Present BBL 4403 Bicultural-Bilingual Approaches to Teaching Mathematics EC-6

Texas State University, Department of Curriculum and Instruction
2024-2025 CI 5332 Multicultural Teaching and Learning of Mathematics
2024-2025 CI 4345 Teaching Mathematics to Diverse Children in EC-2nd Grade Classrooms, Bilingual Education Program
2023-2024 CI 4345 Teaching Mathematics to Diverse Children in EC-2nd Grade Classrooms
2022-2023 BILG 4362 - Teaching Across the Bilingual Content Areas EC-6
2020-2024 Teaching Math in the Elementary School
2019-2022 Teaching Mathematics to Diverse Children in 3rd - 6th Grade Classrooms

Michigan State University, Department of Teacher Education
2016-2017 TE406 Teaching of Mathematics to Diverse Learners – Elementary
2015-2016 TE801 Teaching Elementary Mathematics-Professional Roles and Practice
2015 TE408 Teaching World Languages to Diverse Learners II, Secondary Team
2015 TE408 TESOL Teaching Methods for TESOL Minors, Secondary Team
2015 TE408 World Languages Teaching Methods for World Languages minors. Secondary Team
2015 TE502 Internship in Teaching Diverse Learners II. Field supervisor
2014 TE407 Teaching World Languages to Diverse Learners I. Secondary Team
2014 TE501 Internship in Teaching Diverse Learners I. Field supervisor
2014 TE804 Reflection and Inquiry in Teaching Practice II. Secondary Team World Languages
2013 TE802 Reflection and Inquiry in Teaching Practice I. Secondary Team World Languages

PROFESSIONAL DEVELOPMENT WORKSHOPS FACILITATED

- [9] Martínez Hinestroza, J. (2025, August) *Integrando lenguaje y contenido con estudiantes bilingües* [Workshop]. New Braunfels CISD, New Braunfels, TX.
[8] Martínez Hinestroza, J. (2024, August) *Conectando movimiento, idiomas y aprendizaje con niños bilingües* [Workshop]. San Marcos CISD, San Marcos, TX.
[7] **Martínez Hinestroza, J., & Vaca Soria, G.** (2024, June). *Resisting raciolinguistic ideologies: Validating children's ways of talking about mathematical idea.* [Workshop]. First National Meeting of Racial Justice in Early Mathematics (RJEM), Chicago, IL.

- [6] Martínez Hinestroza, J. (2023, September). CAREER counseling: My collaborative path to an NSF's single PI grant [Workshop]. College of Education Research Office (COERO), Texas State University, San Marcos, TX.
- [5] Martínez Hinestroza, J. (2023, September). Strategies for funding your scholarship [Panelist]. Scholarship and Teaching Excellence Program (STEP), Faculty Development, Texas State University, San Marcos, TX.
- [4] Martínez Hinestroza, J. (2021, June) *Culturally Sustaining Mathematics on the Horizon* [Workshop]. EPK-2 DRK-12. Centro Cultural Hispano, San Marcos, TX.
- [3] Maldonado, L. A., Silva, J. M., & **Martínez Hinestroza, J.** (2019, August) *Cognitively Guided Instruction: Una probadita* [Workshop]. De Zavala Elementary, San Marcos CISD, San Marcos, TX.
- [2] Parks, Amy N., & Martínez Hinestroza, J. (2018, February). *Access & equity: Managing over and under participation in elementary mathematics classrooms* [Workshop]. Pursuing Educational Justice Summit for Michigan Teachers and Administrators. Michigan State University. East Lansing, MI.
- [1] Carter Andrews, D., ..., **Martínez Hinestroza, J.** (2016, May). Raising teachers' awareness of relational aspects of their practice [Workshop]. Lewton Spanish Immersion School. Lansing, MI.

AWARDS AND HONORS

2024	Presidential Distinction Award for Excellence in Service at the assistant professor level for the College of Education. Texas State University
2023	Presidential Distinction Award for Excellence in Scholarly/Creative Activity at the assistant professor level for the College of Education. Texas State University
2022	Presidential Distinction Award for Excellence in Teaching at the assistant professor level for the College of Education. Texas State University
2022	AAHHE Faculty Fellowship Program. American Association of Hispanics in Higher Education
2020	Service, Teaching, & Research (STaR) in Mathematics Education Fellow. Association of Mathematics Teacher Educators (AMTE)
2019	Dissertation Completion Fellowship, \$7,000. College of Education. Michigan State University
2018	Finalist to the Linking Research and Practice Outstanding Publication Award Teaching Children Mathematics, from the National Council of Teachers of Mathematics
2018	Psychology of Mathematics Education – North America 2018 Scholarship Award, \$425
2018	Michael B. Salwen and Okhee Lee-Salwen Endowed Scholarship, \$2,600. College of Education, Michigan State University
2015-2018	International Doctoral Studies Scholarship, \$55,800. Departamento Administrativo de Ciencia, Tecnología e Innovación, COLCIENCIAS, Colombia
2016-2019	Lead Language Fellow in Undergraduate Teaching and Learning, \$24,000. Residential College in the Arts and Humanities. Michigan State University

- 2014-2018 Research Enhancement Fellowship, \$6,636. Department of Teacher Education, Michigan State University
- 2017 Graduate School Writing Fellowship, \$2,000. Graduate School, Michigan State University
- 2017 Clifford E. Erickson Memorial Fund Scholarship, \$5,000. College of Education, Michigan State University
- 2017 Teacher Education Endowed Fellowship, \$1,800. Department of Teacher Education, College of Education, Michigan State University
- 2016 National SACNAS Conference Fellowship, \$1,479. The Graduate School, Michigan State University. First place winner at the research forum of the MSU chapter of the Society for Advancement of Hispanics/Chicanos and Native Americans in Science (SACNAS)
- 2014-2016 Language Fellow in Undergraduate Teaching and Learning, \$16,000. Residential College in the Arts and Humanities. Michigan State University
- 2014-2016 Summer Renewable Research Fellowship, \$12,000. College of Education, Michigan State University
- 2014 Fellowship to Enhance Global Understanding. China study tour. College of Education, Michigan State University
- 2014 Teacher Education Leadership and Outreach Fellowship, \$1,000. Department of Teacher Education, College of Education, Michigan State University
- 2013 Erickson Research Fellowship, \$8,000. College of Education, Michigan State University.
- 2005 Academic Excellence Graduate Studies Scholarship. Instituto Colombiano de Créditos Educativos y Estudios en el Exterior, ICETEX, Colombia

SERVICE

To the Profession

Research Grant Proposal Reviewer
National Science Foundation

Manuscript Reviewer

Revista Sophia Austral
School Science and Mathematics
Revista Uniciencia
International Journal of Qualitative Studies in Education
Revista Latinoamericana de Educación
ZDM — Mathematics Education
Revista Venezolana de Investigación en Educación Matemática
Philosophy of Mathematics Education Journal
Journal of Teacher Education
Journal of Childhood Studies
The Journal of Mathematical Behavior
Journal of Mathematics Teacher Education

Journal for Research in Mathematics Education
Mathematics Teacher: Learning and Teaching PK-12
Mathematics Teacher Educator
The Mathematics Educator
Teaching for Excellence and Equity in Mathematics
Journal of the Korean Society of Mathematical Education

Conference Proposal Reviewer

American Educational Research Association
Psychology of Mathematics Education—North American Chapter
Association of Mathematics Teacher Educators

Awards Reviewer

AAHHE Faculty Fellowship Program

Department level—Department of Curriculum and Instruction, Texas State University

2023	Committee for the creation of teacher preparation program for paraprofessionals member
2022-2023	Department chair search committee member
2022-2023	Curriculum & standards alignment jigsaw group member
2021-2022	Bilingual/biliteracy education faculty search committee member
2019-2025	Exit Committee of Elementary Graduate, comprehensive exams member

College level—College of Education at Texas State University

2024-2025	Member of the advisory board of the College of Education Research Office (COERO)
2024-2025	Member of the College Curriculum Committee
2020-2023	Member of the advisory board of the Research for Educator Equity & Excellence (REDEE) Center
2019-2025	College of Education Scholarship Committee

College level—Michigan State University

2017-2019	Working Group for the Cultures and Languages across the Curriculum Program. Graduate student representative. Residential College in the Arts and Humanities
2016-2017	Graduate student practicum committee member. Mentoring graduate student Byeungun Pak's research on mathematics pre-service teachers learning to teach in small groups. College of Education
2016-2017	Bi/Multilingual education faculty search committee. Graduate student representative. College of Education
2015-2017	Treasurer. Rueda Latina@ Graduate Student Organization. College of Education

University level—Texas State University

2023 Fulbright Campus Committee for Kendria Shields-Rhodes
2022 Multidisciplinary Internal Research Grant (MIRG), review panel member

State level

2017-2019 Webmaster, Michigan Association of Mathematics Teacher Educators
2016-2019 Communications committee member, Michigan Association of Mathematics Teacher Educators

National level

2023-Present Editor. Teaching for Excellence and Equity in Mathematics
2019-2024 Mathematics lead and co-writer. The Great First Eight kindergarten curriculum
2017-2020 NOTICIAS (the TODOS newsletter) editorial team. TODOS: Mathematics for All
2016-2017 TODOS Technology Task Force. TODOS: Mathematics for All.
2015-2018 Journal editorial assistant. Mathematics Teacher Education journal. Editor: Dr. Sandra Crespo. Associate editor: Dr. Kristen Bieda.

International Level

2024 Investigador experto–Mentor. Simposio Internacional para Jóvenes Investigadoras e Investigadores en Educación Matemática—México
2021-Present Editorial committee member. Revista Educación Matemática
2019-2022 Steering committee member. North American Chapter of the International Group for the Psychology of Mathematics Education
2016-2017 Communications and technology committee. Early Career Researchers in Mathematics Education International Commission on Mathematical Instruction

To the Community

2024-Present Board member Centro Cultural Hispano of San Marcos, TX
2024 Volunteer at Día del Niño. San Marcos, TX
2024 Co-organizer–Texas State University campus visit for recent immigrants from Latin America who are students in San Marcos CSID and their families
2024 Volunteer at Bonham Pre-K Community Readers event
2023-Present Court Appointed Special Advocate (CASA)
2016 Raising teachers’ awareness of relational aspects of practice. Professional development led by Dr. Dorinda Carter Andrews. Lewton Spanish Immersion School. Lansing, MI
2014-2015 Teaching mathematics to recent school-age immigrants from Latin America. Professional development led by Dr. Higinio Dominguez. Lutheran Social Services of Michigan. East Lansing and Flint, MI

PROFESSIONAL MEMBERSHIPS

American Educational Research Association (AERA)

North American chapter of the International Group for the Psychology of Mathematics
Education (PME-NA)

National Council of Teachers of Mathematics (NCTM)

Association of Mathematics Teacher Educators (AMTE)

TODOS: Mathematics for All

Updated: 8/15/2025