

Moving; Imagining; Learning Math

Embodied cognition is a philosophy that claims we learn through body movement and our imagination. In this talk, Hortensia Soto, Ph.D., will illustrate ways in which this lens can invigorate teaching and facilitate the learning of math. You will get to move or imagine moving and learn old ideas in a new way. Bring your fun meters so we can experience these ideas together!

Sept. 22, 4 p.m. - Partnership Middle School, Room MSU 203



Soto is a professor and graduate director in the Department of Mathematics at Colorado State University. Her research centers on the teaching and learning of K-16 mathematics where she adopts an embodied cognition perspective. Specifically, she has used this lens in teaching and researching the learning of geometry, linear algebra, abstract algebra and complex analysis. Soto has mentored young women and promoted mathematics via summer outreach programs and frequently facilitates professional development for K-16 teachers. Soto is a working member of the Mathematical Association of America, or MAA, where she has served as the associate treasurer, the associate secretary, president, and as an editor of the MAA Instructional Practices Guide. Currently, she serves as MAA past president. She is a proud recipient of the MAA Deborah and Franklin Tepper Haimo Award for Distinguished College or University Teaching of Mathematics. In her spare time, Soto enjoys hiking, snowshoeing, practicing yoga, meditating and spending time with her son, Miguel.



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