

## **Sylvia Celedón-Pattichis**

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Sylvia Celedón-Pattichis received her Ph.D. in Curriculum and Instruction (Bilingual and Mathematics Education) from the University of Texas at Austin in 1998. She joined UNM in August 1999. She teaches courses such as Teaching Mathematics in Elementary Schools; Language, Culture, and Mathematics; ESL Across the Content Areas, and Seminar in the Education of the Bilingual Student.

Her research interests include linguistic and cultural influences on the teaching and learning of mathematics, especially with emergent bilinguals. She was Co-PI of the Center for the Mathematics Education of Latinos/as (CEMELA), an NSF-funded project that involved a collaboration among four universities, to develop theory and practice for how to turn language and cultural diversity into educational assets for the mathematics education of all students. Her most recent works include a co-edited book published by the National Council of Teachers of Mathematics (NCTM) entitled *Beyond Good Teaching: Advancing Mathematics Education for ELLs* and a co-authored article in *Cultural Studies of Science Education* entitled "An interdisciplinary collaboration between computer engineering and mathematics / bilingual education to develop a curriculum for underrepresented middle school students". Sylvia Celedón-Pattichis has also co-edited a book entitled *Mathematics Education at Highly Effective Schools that Serve the Poor: Strategies for Change* published by Lawrence Erlbaum.

Dr. Celedón-Pattichis was a recipient of the Regents Lectureship Award, the Faculty of Color Research Award, and the Faculty of Color Mentoring Award to recognize her research, teaching, and service at the University of New Mexico. Her work has also been recognized through the Innovation in Research on Diversity in Teacher Education Award from the American Educational Research Association (AERA) and the 2011 Senior Scholar Reviewer Award from the National Association of Bilingual Education (NABE). Currently, she serves as Board of Directors for TODOS (Mathematics for ALL), an affiliate of the National Council of Teachers of Mathematics. She also serves as a National Advisory Board Member of two NSF-funded projects and as an Editorial Board Member of the *Bilingual Research Journal*, the *Journal of Latinos and Education*, and *Teaching for Excellence and Equity in Mathematics*. She served as Program Chair of the Hispanic Research Issues SIG through AERA in 2010-2011.

Sylvia Celedón-Pattichis' personal experience as an English language learner, her experience teaching high school mathematics to Latina/o students in Rio Grande City, Texas, a border town in Texas and Mexico, and her research expertise in cultural and linguistic influences on the teaching and learning of mathematics inform her commitment to equity and access for all learners. She understands the critical need to serve this historically underserved student population in the area of mathematics education and provides support to educators to advance the mathematics education of all students.