



Workshop/Presentation Topics

- The Mathematics and Language Connection
Grades K-8
- How to Keep the Math in Integrated Mathematics Lessons
Grades K-8
- Rigorous and Equitable Mathematics: Yes, You Can Have Both!
Grades K-8 and ELL

Program Author

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Alma Ramirez coordinates the Mathematics Case Methods Project under the direction of Dr. Carne Barnett at West Ed. She works with K-8 teachers using case discussions as a catalyst for enhancing pedagogical content knowledge, codevelops case-like materials for students in grades K-8, and focuses on increasing diversity in the leadership of mathematics education. Ms. Ramirez was an elementary and middle school teacher for 9 years and has served as a consultant and teacher for a variety of mathematics projects, including EQUALS, Family Math, and the Head Start Math Readiness Project. She has considerable expertise in mathematics teaching and learning, second language acquisition, and teacher professional development. Ms. Ramirez has coedited a book for K-3 teachers, focusing on number sense, place value, and operations; coauthored a chapter on cases as professional development tools; coauthored a chapter on increasing diversity in mathematics professional development for the National Institute of Science Education; and coauthored a chapter titled "Language Pathways and Pitfalls in Mathematics," which will be published in the 2003 NCTM Yearbook. She is working on developing and translating activities for a mathematics advocacy handbook for middle school parents through an EQUALS program at UC Berkeley called Family Advocacy in Mathematics Education (FAME). She is a K-6 mathematics author of the *Scott Foresman Pre-Kindergarten Mathematics Curriculum* ©2008 and *Scott Foresman - Addison Wesley enVisionMATH* ©2009.