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Alyson L Ponomarenko* (aponomar@sdccd.edu), San Diego City College, MESA Program, 1313 Park Boulevard, San Diego, CA 92101. *The MESA model: Math, Engineering, and Science Achievement in California.*

California, the most diverse state in the US with fully 64% of the state's population identifying as non-Caucasian and almost 40% speaking a language other than English at home (US Census 2000), has been a leader in supporting diversity in education. The Math, Engineering, and Science Achievement (MESA) program is a nationally-recognized state-funded industry-supported program operating in middle- and high-school systems, community colleges, and universities across California. Reaching thousands of educationally and economically disadvantaged students each year, MESA creates a true pipeline for student achievement in math-based majors.

At the college and university level, all MESA programs include a student study center and computer lab, a MESA/STEM orientation course, academic excellence workshops, course clustering, transfer and career counseling, links with student and professional organizations, and academic and professional development workshops. In addition, all programs have an industry advisory board, made up of corporate representatives that provide scholarships, summer internships, and other resources. It is the combination of all of these support systems that makes MESA one of the most successful models in the country for building diversity in advanced mathematics. (Received July 10, 2007)