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Amanda Pitts. *Math Jam! Building Community and Improving Math Placement at Cañada College.*

While many students from underrepresented groups enter the California Community College system with a high level of interest in STEM fields, the majority of them dropout or change majors even before taking transfer-level courses. To facilitate the transition of these students into transfer-level STEM courses, Cañada College, a federally designated Hispanic-serving institution in the San Francisco Bay Area, developed an intensive math placement test review program called Math Jam. This free program involves students taking the placement test before and after one or two weeks of intense work on core math skills. Implementation of the program over the last four years shows success in improving student performance in the math placement test, and success in creating a sense of community among program participants. An analysis of student academic performance in subsequent semesters show significantly higher success and retention rates among Math Jam participants compared to nonparticipants. Since the implementation of Math Jam, enrollments in STEM courses have increased significantly, with a higher rate of increase among minority students.

Data will be presented along with information related to developing and maintaining a program like this on other campuses. (Received September 26, 2012)