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**Alessandra Pantano\*** (apantano@uci.edu), Department of Mathematics, University of California, Irvine, Irvine, CA 92697. *Supporting math proficiency and motivation through afterschool math enrichment: A focus on program design.* Preliminary report.

UC Irvine's Math CEO (Community Educational Outreach) is a transformative afterschool program that leverages UCI's unique social and cultural capital to inspire underserved youth to pursue college education and a career in STEM, while at the same time fostering math achievement and dispositions needed to persist in STEM pathways. Almost all of the participating students are Latinx, and come from low income families which lack familiarity with college.

In this talk we discuss some aspects of program organization which contributes to the success of Math CEO. In addition, we draw directly from participant interviews to highlight aspects of mentor-youth interactions and pedagogical choices which lead to positive and authentic mathematical experiences. (Received September 16, 2019)