

1106-P5-2701      **Ann Edwards\*** (edwards@carnegiefoundation.org), 51 Vista Lane, Stanford, CA 94305, and  
**Cinnamon Hillyard.** *The Carnegie Pathways: Innovating for Student Success in Statway and  
Quantway.*

Launched in classrooms in Fall 2011, the Carnegie Community College Pathways, Statway and Quantway, have dramatically increased student success rates in developmental math, tripling the student success rate in one-half the time. After three years of implementation in nearly 50 community colleges and universities, in 15 states, the Pathways have reached over 9,000 students. In contrast to other reform efforts, Pathway colleges are part of a Networked Improvement Community where faculty work together with other practitioners and researchers to identify barriers to their students' mathematical success and design and test instructional and curricular innovations to overcome those barriers. In this talk, we describe the innovations that have contributed to the Pathways' success—relevant and challenging college-level curriculum, instructional routines promoting student motivation and engagement, and pedagogy supporting collaborative learning through productive struggle—and share what we have learned about how to help developmental mathematics students persist and achieve. We will also discuss how Pathways faculty are supported to innovate and succeed in their classrooms and share what we have learned about robust faculty development in community college developmental mathematics. (Received September 16, 2014)