1023-F1-388 Elizabeth Jane Kreston* (kreston@uiwtx.edu), 4301 Broadway, CPO 311, San Antonio, TX 78258. College Algebra across the City.

In an effort to improve student success in College Algebra curriculum and instruction, the nine colleges and universities in San Antonio, Texas have joined forces with local 9-12 Algebra II teachers to form the College Algebra Action Team. The team consists of one mathematics faculty representative from each of the local colleges and universities and a high school mathematics representative from the local school districts. The team has been meeting regularly over the past two years. Successes for the group include alignment of curriculum between high school and higher education; evaluation of the college mathematics placement instruments; coordination of the College Algebra concepts and topics; and, collaboration between local high school, college, and university mathematics departments. Recent efforts have led to the development of an action plan which will lead to increased student success in College Algebra with specific targets of an increase of three percentage points per year for the next five years. This plan includes securing funding to support professional development for college instructors, developing the outcomes and assessment for a re-focused College Algebra course, and increasing the communication between higher education and school districts. (Received September 11, 2006)