

Mt. San Antonio College Agriculture Pathways Program

Award # 2009-38422-19908 for \$249,996

Made possible through the **Hispanic Serving Institutions Education Program**, Mt. San Antonio College (Mt. SAC) in partnership with the **48th District Agricultural Association, K-12 Districts and Industry Agencies** will collaborate to create the **Agriculture Pathways Program (APP)**.

The primary goal of **APP** is to have a **significant impact** on improving the quality of food and agricultural sciences education. The project will engage faculty at the secondary and postsecondary levels to create educational pathways for students interested in the agricultural sciences. This will create a pipeline of students from elementary school into postsecondary education. The project's focus on creating a pipeline of students enrolling in high-quality agricultural sciences programs will ultimately lead to more professionals in the field with the most relevant knowledge to perform their job responsibilities. In addition, the outreach to students and parents along the educational continuum will educate more people about how agriculture impacts them in their everyday lives, including their nutrition, health, and well-being.

Objective #1: Implement strategies to ensure retention and success of students who choose an agricultural sciences pathway.

- 1.1 Provide week-long **agri-camp** to 30 high school students each grant year.
- 1.2 Create/enhance at least 8 **curriculum kits** for K-8 teachers that are aligned with State standards by July 31, 2010.

Objective #2: Increase awareness of agricultural sciences programs at the community college and the number of students who consider a career in agricultural sciences at the K-12 and community college levels.

- 2.1 Develop at least 8 **new partnerships** with regional K-12 schools, as evidenced by participation in grant meetings and activities and/or 2+2 pathways, by July 31, 2011.
- 2.2 At least **800 students** in grades K-5 will participate in grant activities and/or receive services/materials (e.g., **Farm Day, use of new curriculum kits in the classroom, visiting the grant project's booth at the 48th District's annual fair**) by July 31, 2011.
- 2.3 At least **400 students** in grades 6-8 will participate in grant activities and/or receive services/materials (e.g., **Farm Day, use of new curriculum kits in the classroom, classroom presentations from Agriculture Ambassadors, visiting the grant project's booth at the 48th District's annual fair**) by July 31, 2011.
- 2.4 At least **400 students** in grades 9-12 will participate in grant activities and/or receive services/materials (e.g., **Farm Day, classroom and FFA chapter presentations from Agriculture Ambassadors, career/college fairs, agri-camps**) by July 31, 2011.

Objective #3: Identify the minimum number of community college students expected to demonstrate intent to complete an agricultural sciences pathway.

- 3.1 Conduct at least 4 **information sessions on the College campus** targeting students without a declared major by July 31, 2011.
- 3.2 Participate in at least 4 **local/regional student career/college fairs** by July 31, 2011.



Products/Results	Measurable Outcomes
K-8 agricultural sciences curriculum kits aligned with grade level appropriate state standards.	(1) Increase the number of K-8 teachers in the service area who use agricultural sciences curriculum in the classroom by 10%.
Outreach materials and project website showing educational/career pathways in the agricultural sciences.	(2) Increase the number of K-12 students in the service area who are aware of agricultural sciences career opportunities and education requirements by 25%.
Presentations to middle/high school students about college programs in the agricultural sciences. Agri-camps for rising college students.	(3) Increase the number of students in grades 6-12 in the service area who indicate an interest in pursuing an education and career in the agricultural sciences by 20%.
Information sessions and career fairs targeting College students without a declared major and/or established career choice.	(4) Increase the number of Mt. SAC students who pursue a certificate/degree program in the agricultural sciences by 20%.
Information sessions and career fairs targeting College students without a declared major and/or established career choice.	(5) Increase the number of Mt. SAC students graduating from programs in the agricultural sciences and/or transferring to advanced degree programs by 10%.

