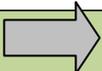
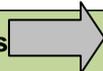
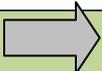


Table 2 CETARS: Logic Model indicators of success used for project evaluation

Inputs 	Activities 	 Outputs
<ul style="list-style-type: none"> -How many activities (outreach, short courses, etc) were planed during the first semester, summer and year for K-12 and undergraduates? -Number of high school student, undergraduate and graduate and PhD students that entered the program as a result of outreach -Number of Hispanic students including females that entered the program during the first, second, third and fourth year -Number of publications by faculty and graduate student as a result program research activities -Number of funded grants as result of program activities 	<ul style="list-style-type: none"> - How many participants rated the short courses or career workshops as 1, 2, 3, 4 or 5, when using the 1-5 scale and 5 represents the best performance? -Number of students that indicated they were motivated by the career workshops to pursue career in Ag or related sciences -Number of federal agencies involved in the career workshops -Numbers of students successfully placed in internships 	<ul style="list-style-type: none"> -Percent increase of talented Hispanic students pursuing careers in Ag or related sciences - Percent increase of talented students participating in undergraduate research -Percent increase of publications accepted in peer review journals by participating faculty and graduate students - Number of presentations in local and international meeting by students and faculty - Number of collaborations of participating faculty with other Hispanic institutions or government agencies related to Ag and related sciences in Puerto Rico and mainland -Percent increase in graduates in careers related to Ag -Number of Hispanic high school teacher trained by the program

Outcomes-Impact		
Knowledge	Actions	Conditions
<ul style="list-style-type: none"> -Number of high school students and teachers trained in the Globe program activities -Number of K-12 students that that learned about career opportunities in Ag and related sciences. -Number of high school students and teachers trained in the research methodologies, the scientific method and laboratory safety -Number of students and faculty trained in scientific writing skills -Number of graduate students and faculty trained in proposal writing skills 	<ul style="list-style-type: none"> -Number of outreached students that expressed an increased interest in careers related to Ag or related sciences - Number of students that used the learned skills to work problems related to Ag or related sciences -Numbers of students that applied learned skills to solve a problem related to agro-industries -Number of students that applied the learned skills to help solve a water quality problem in self-sustained aqueduct in an underprivileged rural community - Number of students that used the learned skills to help local farmers solve water quality issues or soil problems 	<ul style="list-style-type: none"> - Number of graduates from project placed in USDA MCO's - Number of students participating in internships that were hire by the same agency - Number of agencies that benefited from hiring program graduates in USDA MCO's -Number of agencies that recruited program graduates that expressed satisfaction with the quality of the hired professional -Number of underprivileged rural communities served by project participants in order to meet their water quality needs -Number of local agro-business impacted by program participants