CSREES LOGIC MODEL – Food Safety and Agroterrorism Training: Educating Our Future Workforce

**SITUATION**
- Insufficient number of trained and diverse professionals entering careers in USDA, particularly in the food safety and inspection area.
- Lack of awareness of agroterrorism vulnerabilities in our food supply.
- Low percentage of Hispanic transfer and completers in an undergraduate degree in agriculture.
- Lack of industry certifications at the secondary and post-secondary levels.
- Lack of awareness of employment opportunities in USDA.
- Increased concern of food safety and security within the U.S.

**INPUTS**
- Faculty
- Staff (one at LCC, one at ACCD, and one at TxState)
- Students (undergraduate and graduate)
- Federal funds
- Time
- Infrastructure

**ACTIVITIES**
- Project director training in “Preparedness and Response to Food and Agriculture Incidents.”
- Provide curriculum and training to college students.
- Provide a one week “travelling classroom” to participating students to the Southwest Border Food Safety and Defense Center in New Mexico.
- Provide job shadowing and internships with APHIS, FSIS, and other USDA agencies.
- Provide scholarships and to participating students.
- Provide iPADS to students during Summer activities to keep and display a working journal as a reflection tool.
- Create Academic Research Clusters

**OUTPUTS**
- Increased number of Hispanic students transferring and completing a degree in agriculture or related sciences.
- Highly trained workforce for the USDA in food safety and inspection areas.
- High school students’, and college students’ increased awareness in the agroterrorism and safety vulnerabilities in our food supply and USDA opportunities.
- Faculty and student publications in refereed journal or conference presentations.
- Increased awareness of opportunities in agriculture.
- Increased awareness of employment opportunities in USDA.
- Increased knowledge of Texas State University and the 4 year university atmosphere.
- Increased knowledge of the vulnerabilities of our food supply and the agroterrorism threats facing the U.S. and the world.

**OUTCOMES**
- Actively apply the knowledge learned in job shadowing and internships.
- Teach others about food safety practices and procedures.
- Enter the USDA workforce in the food safety and inspection areas.
- Continue to graduate education in the food safety and inspections areas.
- Attend additional training to become certified in other areas.

**CONDITIONS**
- Increased number of Hispanics completing a 4 year degree in agriculture.
- Vibrant and competitive food safety and inspection workforce with a good representation of Hispanics.
- Safer food supply
- Increased community awareness of bioterrorism threats to our food supply.
- Increased community recognition of a threat to our food supply.

**ASSUMPTIONS**
Student participants will increase their competencies in dealing with food safety vulnerabilities and incidents in agroterrorism, graduate with a degree in agriculture and be able to enter the workforce in USDA or other governmental agency related to food safety and inspection.

**EXTERNAL FACTORS**
- the success of this project will greatly depend on the effectiveness of recruiting students from community colleges, their attitude on leaving their community for higher education at Texas State University–San Marcos.