



Developing the Next Generation of Food Safety Leaders

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Priority Area

Food Safety, USDA-NIFA-HIS-003956
Grant Total: \$241,610

Objectives

1) *Increase the awareness of career opportunities within Food and Agricultural Sciences to underrepresented students, especially Hispanics.*

- From the potential pool of the 500 students per school, the goal will be to attract between 30 to 35 students.
- The aim of the summer camp is to expose students to a number of possible career options within Food and Agricultural Sciences.
- The structure of the 3 day camp includes guest speakers from the industry, an explanation of the degree path, tours, and an experiment in the food science laboratory.

2) *Increase the number of Hispanic and underrepresented students pursuing a degree in Food and Agricultural Sciences.*

- This objective will be met by having graduating high school seniors enroll at either HCC or directly into **the Conrad N. Hilton College**, at the University of Houston.
- During the first two years, students will be encouraged to complete many of their science requirements.

3) *Develop a Food Safety emphasis at the Conrad N. Hilton College within the current curriculum.*

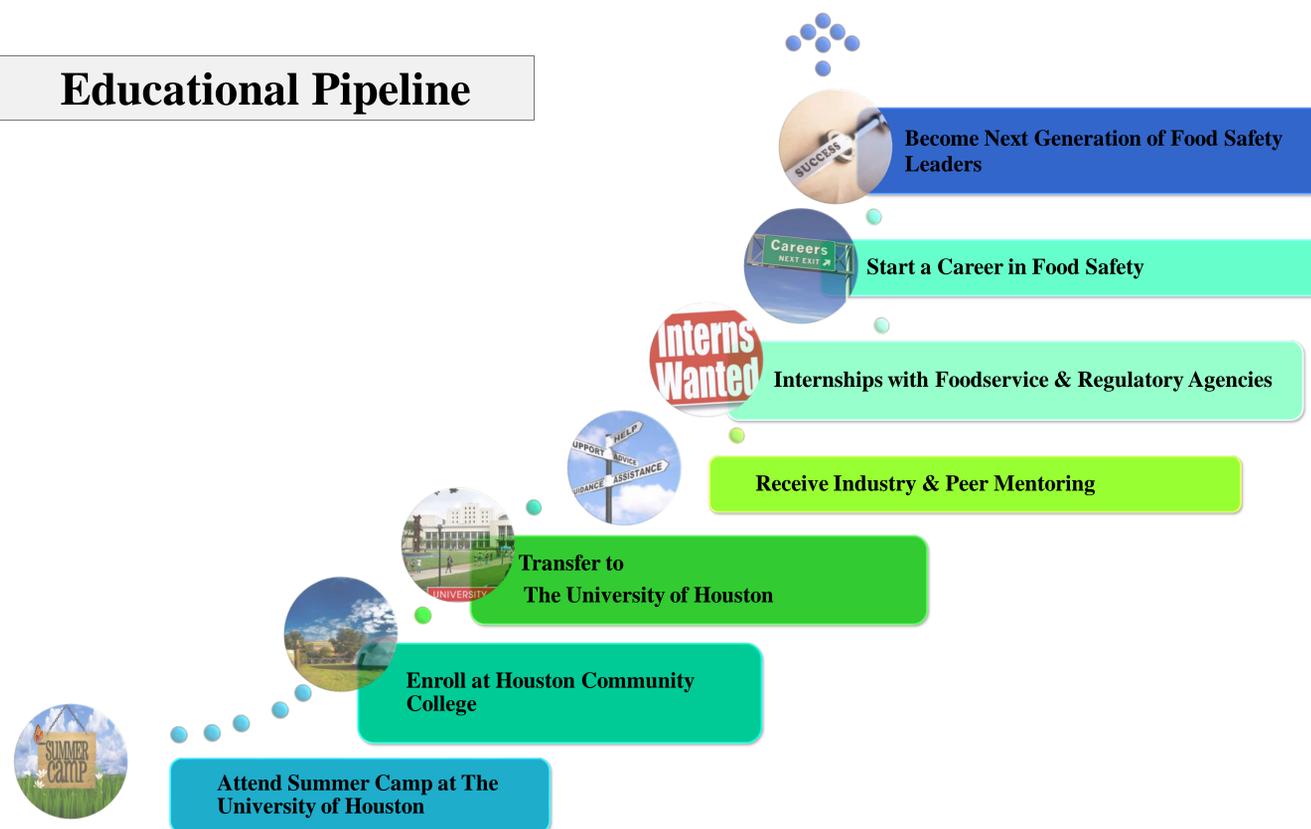
4) *Create internships for students enrolled in the Food Safety area of emphasis.*

5) *Build mentorships for students enrolled in the Food Safety area of emphasis.*

Beneficiaries

- Approximately **2,500** Hispanic and underrepresented high school students from five Spring Branch ISD schools will be targeted to attend a Summer Camp at The University of Houston.
- Over **500** students per high school will receive packets detailing food safety .
- The project investigators will participate at the Career and Education Day presented by the Houston Hispanic Forum where approximately **16,000** students and parents attend to gain information about academic and career opportunities.

Educational Pipeline



Activities

- Bilingual (English and Spanish) information packets distributed to approximately 2,500 Hispanic and other underrepresented high school students
- Summer camps for the students and their parents
- A bilingual website and Facebook group providing information on the degree plan and career and financial opportunities
- Dual credit courses (with tuition dollars)
- A new Food Safety curriculum at University of Houston, including a new quality assurance/inspection course and mentoring programs
- Internships with health inspectors or quality assurance managers

Expected Impact

- The expected impact and outcome will be the creation of an education and career pipeline that begins with Hispanic senior students from three Spring Branch ISD schools transitioning into HCC and to The University of Houston for a Bachelor of Science degree in Hotel and Restaurant Management.
- With the Hispanic population projected to be the majority ethnic group in the US, increasing their numbers into food and agricultural sciences will have a tremendous and positive impact on the future of food safety.

Meta-Evaluation

- **Milestone 1:** After attending the summer camp, students will be given a certificate of completion.
- **Milestone 2:** Completion of 30 hours of approved science courses.
- **Milestone 3:** Receive ServSafe Manager Certification.
- **Milestone 4:** Complete internship.
- **Milestone 5:** Obtain a Bachelor of Science degree.
- **Milestone 6:** Secure employment upon graduation.

Acknowledgement

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