### ASSUMPTIONS
Earth conscious and organic food products and practices are a rising evolution in the agricultural and food industry, many underrepresented students and populations do not have the opportunity to learn, train, and practice a more nutritious approach in food growth, food preparation, and cooking methods. The Hispanic and underrepresented student population in this Texas region have not been made aware of the agricultural, food science, and traditional STEM options available in this practice.

### EXTERNAL FACTORS
- The knowledge and impact to the community is dependent upon the awareness of the nutritional value of organic and self-sustained living practices.
- Students and community members introduced and trained in this practice are educated and prepared to continue studies in the agricultural and food science fields or enter the workforce in agricultural, culinary, or related food science professions.
- Aware of the differences and effect organic farming has on nutrition and food safety may inspire the public community as a whole to be more health conscious on the whole.

## Logic Model Chart

**Situation**

**Inputs**

**Activities**

**Outputs**

### Challenge:
Increase the number of trained and diverse professionals entering agricultural, culinary, and food science fields.

### What we invest:
- Faculty
- Staff
- Students
- Infrastructure
- Time
- Knowledge
- Secondary established partnerships
- Community relationships
- Industry relationships
- College institutional support

### What we do:
- Design and conduct related research
- Teach and train students
- Develop products, curriculum & resources
- Develop sustainable methods and procedures

### Who we reach:
- Teaching and Continuing Education Faculty
- Faculty at secondary institutions
- Students
- Community industry
- Community public

### Products, services and events that are intended to lead the program's outcomes:

- New updated curricula and program method practices.
- Publications
- Plant and animal varieties
- Information and skills for individuals, communities and programs

### Participants reached:
- Increased number of students transferred into university level studies of agriculture, food science, or STEM related programs.
- Increased number of students employed with agricultural, culinary, or food science industry professionals.

### Occurs when there is a change in knowledge or the participants actually learn:
- New updated curricula.
- New fundamental or applied knowledge.
- Improved skills.
- New and increased knowledge in new plant and animal varieties and environments.

### Occurs when there is a change in behavior or the participant's act upon what they've learned and:
- Students enroll and complete new updated core courses as they apply to their program requirements.
- Students and public adopt new skills and practices with exposure to the aquaponics system and practices.
- Students participate and disseminate information about the organic practices and its effect on public nutrition, the environment, and lifestyle habits.
- Students hands-on use and application of new plant and animal varieties.

### Occur when a societal condition is improved due to a participant's action taken in the previous column:
- Increased market opportunities and greater economic competitiveness.
- Vibrant and competitive agricultural, culinary, and food science workforce.
- Public has access to alternative nutritional food solutions and practices.
- Safer food supply.
- Reduced obesity and improved nutrition and health.
- Improved fundamental or applied knowledge.
- Project allows college to contribute to a cleaner environment.

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**Outcomes**

- **Knowledge**
- **Actions**
- **Conditions**

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**EPCC GREEN Advantage Project**

**Chart 2/10/2013**