**LOGIC MODEL**

**INPUTS**
- Faculty
- Staff
- Students
- Fullerton Arboretum
- Center for Sustainability
- Ladera Vista Jr. High School
- Community Alternative Living and Learning Initiative (CALLI)
- Office of University Research, Initiatives and Partnerships
- OC Food Access Coalition
- Pathways of Hope
- HSI-USDA Funding

**ACTIVITIES**
- Mentor U-ACRE students in community-based research projects
- CSUF students and faculty collaborate with the Fullerton Arboretum
- Expand food security research to include measurements and evaluation of urban agriculture utilization
- Additional cohorts of students progress to faculty-student collaborative research
- Faculty seek funding to support research and student learning
- Design Ladera Vista Jr High School agriculture based STEM program
- Articulate U-ACRE program student learning outcomes with USDA critical competencies
- Design and enroll all U-ACRE students in structured e-portfolio to connect students with peers, faculty, and external stakeholders

**OUTPUTS**
- Expansion of U-ACRE program
- # students placed in research internships
- # of students making professional presentations
- Dissemination of community-based research
- Evaluation of the impact of urban agriculture on low income communities
- # students (#student hours) participating in research
- # of students with e-portfolio linked to external stakeholder
- # Extramural (Federal, State, and private) and intramural grants submitted for associated research and student support

**OUTCOMES**
- Student knowledge of food, agricultural, and natural resource sciences will increase by 40% pre to post experience.
- Undergraduate students involved in research to design and implement sustainable agricultural ecosystems
- Undergraduate students involved in research to understand food choices especially in the context of child development and low food security
- Broadened student experiences via community-based research, service-learning and internships
- Surveys indicate that external stakeholders value the skills and knowledge obtained through U-ACRE program
- Increased professional network for students

**ASSUMPTIONS**
- Undergraduates will increase knowledge of urban agriculture and career opportunities in agriculture science fields.
- Community member awareness of nutrient dense foods will increase.
- Collaborative partnerships will create the foundation to sustain food networks and increase food security.

**EXTERNAL FACTORS**
- Economic crisis has increased number of children & families at risk of or who are hungry.
- State budget crisis jeopardizing funding for hands-on undergraduate research opportunities.