**Logic Model: Moorpark College Project STEM Impacto Program for Hispanic and Other Underrepresented Students**

**SHORT-TERM OUTCOMES**

By end of Year Five, STEM Impacto participants will demonstrate on increased rate of:

Persistence from college registration to fall attendance.

Persistence from first to second semester in Y1.

Course retention.

Course success in identified gateway courses.

Persistence from Y1 to Y2.

Participation in work-based learning or faculty research.

Demonstrate financial literacy and stability.

Transfer to four-year colleges, employment.

**LONG-TERM OUTCOMES**

Decrease equity gaps in the number of MC Hispanic students who:

Enroll at MC.

Enroll in STEM disciplines.

Persist from first to second semester Y1.

Retain in courses.

Succeed in gateway courses.

Persist from Y1 to Y2.

Participate in work-based learning or faculty research.

Demonstrate financial literacy and stability.

Transfer to four-year college or education-related employment.

**IMPACT/OUTPUTS**

1. Hispanic and other underserved students will be recruited to participate in STEM Impacto: 60:Y1, 120:Y2, 120:Y3, 120:Y4, 120:Y5

2. STEM Impacto participants will improve in the essential skills needed to succeed in STEM gateway courses through STEM Impacto Summer Bridge Course: Y1:2% above 2018/19 baseline, Y2:4%, Y3:6%, Y4:8%, Y5:10%.

3. STEM Impacto participants will participate in a minimum of 80% of Bi-Weekly STEM Impacto Cohort meetings, peer mentor, counselling, course-embedded tutoring, Financial Literacy activities. Y1:2%, Y2:4%, Y3:6%, Y4:8%, Y5:10%.

4. STEM Impacto participants will participate in either a faculty research project, an internship or other work-based learning opportunity. Y1:2%, Y2:4%, Y3:6%, Y4:8%, Y5:10%.

**EXISTING**

**RESOURCES**

First Year Experience Program (FYEP) for Hispanic students.

Second Year Experience Program (SYEP) for Hispanic students.

Career Transfer Center (CTC) Services:

* Strong Work-Based Learning Program
* Effective Transfer Support

Attract Inspire Mentor and Support Students Program (AIMS2) with CA State University, Northridge.

Three Cutting Edge STEM Disciplines:

* Computer Network Systems Engineering
* Biotechnology
* Biology

**ACTIVITIES/INPUTS**

STEM Impacto components within Biotechnology, Biology and CNSE programs:

* **Outreach/Marketing to Hispanic students**
* **Summer Bridge Workshop for gateway course preparedness**
* **Bi-Weekly Cohort Meetings**
* **Ongoing STEM Counseling**
* **Peer Mentors**
* **Course-Embedded Tutors in gateway courses**
* **Work-Based Learning: Faculty Research Projects or Paid Internships**
* **Financial Literacy** **Workshops**