

LPC HSI Gateway to STEM Success Program

Monthly Progress Report

March 2018

Award: P031S150011 - CHABOT-LAS POSITAS COMMUNITY COLLEGE DISTRICT
Las Positas College

Completed Activities in Previous Month

1. February 10 th	<p>Internal Monitoring Team (IMT) meeting took place. The IMT is an advisory team comprised of the President, VP of Student Services, VP of Business Services, VP of Academic Services, Dean of CATSS, Dean of MSEP, Dean of Student Services, Institutional Research Director, College Administrative Services Officer.</p> <p>The HSI team presented the major activities for institutionalization purposes.</p>
2. February 27 th	<p>FAFSA Workshop for cohorts 2016-17 and 2017-18 37 students participated in the workshop. Workshop was offered by a financial aid specialist and towards the end, 11 appointments were set up with the financial aid specialist to help them fill out the application as well as applying for scholarships.</p>
3. February 12 th and 26 th	<p>HSI Club meetings. The students have come together and started a club on campus. Participation varies from 12-20 students.</p>
4. February 6 th , 13 th , 20 th , 27 th	<p>HSI Math Tutoring Students attend a one-hour math tutoring session with Math Professor, Kristy Woods. Participation varies from 5-10 students.</p>
5. February 8 th and 13 th	<p>Math met with A&R to discuss changes to Emporium and other Math offerings.</p>
6. February 23 rd	<p>Jennie Graham met with Steve Gunderson and Impero reps to discuss changes to the testing environment and software</p>
7. February – throughout the month	<p>Jennie Graham worked with Emporium Instructors and IAs to train and handle logistic questions. She worked on the updates (Version 3.0) to the online environment, and began planning phase for version 4.0 that will take the curriculum changes into account for Fall 2018.</p> <p>Jennie Graham worked with division members to help make the Labs in the Math Emporium more STEM-centric.</p>

Kristy Woods worked to make pathways through the new math curriculum clear for students, Administration, Faculty, and staff through new marketing posters, pages in the print schedule and various presentations around campus, including counseling, A&R, veterans' center, middle college and various other learning communities. Meetings with Assessment regarding new placement rules that take into account the new curriculum starting Fall 2018 and multiple measures happened with the Assessment Coordinator and new Counseling Dean.

8. February 27th

Jennie Graham and Kristy Woods met to discuss updates to the 107 online environment.

Challenges:

Math – Consistent tutorial coverage by peer tutors in our Math Emporium classes. Not currently enough time given to our Tutorial center coordinator to find and train tutors. Need institutionalized reassign time for a faculty coordinator in the Math Emporium.

Noncredit has still not been approved in our district. Numerous conversations with District happened in January regarding our desire to have this happen. Additional conversations have continued and we are hopeful a resolution is coming.

Planned Activities pertaining to current month

1. March 12th and 26th

HSI Club meetings.

Continue meeting with the club. Participation varies from 12-20 students.

2. March 20th

HSI students requested to have a movie night. Thus, the counselor coordinated a movie night on March 20th

3. March 6th, 13th, 20th, 27th

HSI Math Tutoring

Students attend a one-hour math tutoring session with Math Professor, Kristy Woods. Participation varies from 5-10 students.

4. March 16th

Hispanic/Latino STEM adventure part I took place on October 20th, 2017. See below for details

Hispanic/Latino STEM adventure part II

The same 50 High School students that participated last semester will be introduced to multiple student support programs that were designed to help and support students to achieve their goals. Information about transferring to a four year college will be provided: UC's, CSU's, Out of State, or Private Universities. Furthermore, each program offers a unique scheme to accommodate the student's goals and needs. Students will also be exposed to transferring requirements, including the appropriate general education or G.E. pattern and Transfer Admission Guarantee (TAG) programs in the UC system. LPC offers a variety of certificate programs. We'll have welding and automotive technology information. They provide students with the necessary tools and skills to become competitive in the job market. Lastly, LPC students (student panel) will share their own experiences on how some of these programs helped them succeed in college.

5. March – Throughout the Month

Jennie Graham will continue to work on the updates and changes needed for the online environment, labs and other materials in the Math Emporium
Kristy will work on the revising the corequisite support courses for the transfer level math classes (Math 30: College Algebra for STEM, Math 39: Trigonometry, Math 40: Statistics and Probability, Math 47: Math for Liberal Arts) and resubmitted them to the Curriculum Committee for review. Marketing and coordinating for the Fall Math Jam registration will be started.

Challenges:

We expect to have similar challenges as in the past. Because they are high school students a field trip permission slip is required. Although we were able to bring almost every student that signed up to participate in the event, a few students did not submit the signed field trip permission in time. Thus, a few high schoolers were not able to participate. This was an event coordinated by LPC HSI Director in collaboration with key players in the Livermore Valley Joint Unified School District (LVJUSD). All 50 students identified themselves are Hispanic/Latinos.

Highlights:

The IMT meeting was particularly significant because the HSI team presented major activities in the grant so that they start thinking and making decisions of what they like to institutionalize when the grant ends in 2 ½ years. These meetings are once quarter, thus, we only have 10 remaining meetings with the IMT.

Hispanic/Latino STEM Adventure

Mission

Increase interest and participation of underrepresented populations in Science, Technology, Engineering, and Math (STEM) programs.

Goals and Objectives

1. High school students' introduction to STEM classes/courses at the college level.
2. High school students' introduction to support programs, importance of AP and IB courses in high school, and concurrent enrollment programs.
3. Educating entire underrepresented families the attainment of higher education & student support programs.

Description of Events

1. October 20th, 2017 - Introduction to STEM courses.

- a. Students will be participating in different courses such as chemistry, biology, geography, and math courses at the college level. They will also be able to participate in real live labs.
 - b. Financial literature workshop. The student will be offered a workshop tailored specifically for high school students on financial management.
 - c. Campus tour. Students will have the opportunity to visit three main sites, including the main theater, Black Box Theater, and the photographic lab.
2. Spring 2018 – 2nd follow up.
 - a. High school students will be introduced to student support programs such as Puente, HSI Gateway to STEM Success program, UMOJA, DSPS, EOPS, etc. In addition, students will be introduced and encouraged to take AP and IB courses at their local high schools, encouragement to participate in concurrent enrollment, and lastly, introduction to the early registration process to students graduating in 2018.
3. Spring 2018 – 3rd follow up.
 - a. The entire family will be invited to noche de familia/family night. The main purpose of this event is to educate parents on higher education. Specific topics: High school versus college, the importance of attaining a higher education, and succeeding in college.