

CALIFORNIA STATE UNIVERSITY, EAST BAY

DESIGNATION CODE: 05-06 CAPR 21

DATE SUBMITTED: 18 May, 2006

TO: The Academic Senate

FROM: The Committee on Academic Planning and Review (CAPR)

SUBJECT: Five-Year Program Review for the Moss Landing Marine Laboratories

PURPOSE: For Action by the Academic Senate

ACTION

REQUESTED: Acceptance of the program review and approval of the continuation of CSUEB participation in the undergraduate and M.S. Program at Moss Landing Marine Laboratories without modification.

BACKGROUND

INFORMATION: CSUEB participates in the M.S. Program at Moss Landing Marine Laboratories as a member of a seven campus consortium. CSUEB has participated in the consortium for the past 39 years. The Moss Landing Marine Laboratories comprise a major state facility on Monterey Bay for undergraduate and graduate study of Marine Sciences. The consortium members collaborate to guide curriculum and governance for Marine Sciences graduate programs and CSUEB's Departments of Biological Sciences and Geological Sciences participate. San Jose State University is the operating campus for MLML. The internationally renowned center works closely with private and public marine science institutions in the Monterey Bay area.

CSUEB's continued participation in MLML's programs comes at no cost to CSUEB: no resources of any sort, faculty or money, are required to maintain our minimal participation; CSUEB faculty and student participation at MLML is the lowest among the consortium campuses.

CAPR notes that CSUEB policies and procedures create barriers to increasing our use of the facilities at MLML. We recommend that the aquatic ecology faculty and others interested in Marine Science explore ways to

1. Correct enrollment systems to allow students participating in MLML classes and research projects to enroll for credit in overlapping classes. It is impossible for students to do that now. Without receiving credit for work at MLML, students must place their financial aid in jeopardy and/or delay their progress to degree to take advantage of the extraordinary opportunities offered at MLML.
2. Offer students campus transportation to go to and return from classes at the Salinas facility and at the Moss Landing labs.
3. Identify funds that allow faculty and students to use the marine vehicles for exploration of the marine environment and participate in classes offered on the NSF vessel, R/V Point Sur.
4. Recent CSUEB graduate students have won awards for outstanding graduate research at MLML. Publicize this opportunity to attract more students.
5. Use our participation in this internationally known and renowned Marine Science facility to recruit aquatic ecology faculty to the campus simultaneously enhancing our Environmental Science major.

CAPR RECOMMENDATION:

CAPR recommends CSUEB continue participation in the undergraduate and M.S. Program at Moss Landing Marine Laboratories without modification. [Next review 2009-10]

ADDITIONAL INFORMATION:

Historically, CSUEB/Hayward's faculty were major players in the work at MLML. While the number of CSUEB/Hayward students studying at MLML has always been relatively small, this is a result of the highly competitive admission requirements for the labs at MLML. Over 60% of graduate students who apply to study at MLML are denied admission, due primarily to lack of space in their busy labs.

For the current review period, CSUEB FTES at MLML ranged between 0 and 1.3. The decline in participation of both students and faculty reflects the retirement of most of CSUEB's aquatic ecology faculty who have not been replaced in the participating departments. The paucity of faculty who recruit students for Marine Sciences, added to the difficulties of taking semester courses while enrolled at a quarter campus (and a registration system that does not allow students to schedule overlapping classes), and the challenges of taking classes in Salinas, suggest that CSUEB can anticipate continued minimal participation in programs at MLML.

CSUEB's use of MLML may increase in the near future with potential growth in the number of environmental science faculty in Biology, Chemistry, and Geology. CAPR supports efforts to regain the active role CSUEB once had in this premier undergraduate and MS program in our local area.

ASSESSMENT DATA:

The five year review document did not contain any assessment data for the MLML program. This is understandable given our limited participation in the program and the fact that San Jose State University is the operating campus for the Laboratories.