

CALIFORNIA POLYTECHNIC STATE UNIVERSITY
San Luis Obispo, California 93407
ACADEMIC SENATE
805.756.1258

MINUTES OF
The Academic Senate
Tuesday, November 29, 2005
UU 220, 3:10 to 5:00 pm

- I. Minutes: None.
- II. Communications and Announcements:
- III. Reports:
 - A. Academic Senate Chair: (Hannings) Social Hour – co hosted by the President’s Office and the Orfalea College of Business, will be held Thursday, December 1, 2005 from 4-6 pm at Veranda Conference Room. The Orfalea College of Business will give a free beverage (wine, beer, soft drink) to any attendee who brings any new toy to donate to the Toys-for-Tots campaign. Jeannine Richison, the Academic Senate representative on the University Union Advisory Board, would like some input on three projects being considering by university facilities. For suggestions, recommendations, or further information, please contact Jeannine Richison directly at 756-2134.
 - B. President’s Office: President Baker discussed the following issues:

Many reports have been published in the last year or so regarding the ability of the United States to sustain leadership in scientific and technological areas when compared to other parts of the world such as China, India, and the European Union.

President Baker co-chaired a January 2005 Business-Higher Education Forum report with Bill Swanson, Cal Poly alumnus and Raytheon CEO, and L. Dennis Smith, University of Nebraska President Emeritus. It documents the need to produce more high school graduates well prepared in science and mathematics and recommends comprehensive reform of U.S. mathematics and science education, with particular attention to the education and retention of teachers in these fields.

In the next few years, there will be a need for an estimated 290,000 mathematics and science teachers. The CSU and UC both are implementing programs to help address the growing need for mathematics and science teachers in California. The BHEF report recommends that business make it a priority to help strengthen mathematics and science education. One possible role business can play is to expand its support for the preparation and retention of teachers. Business might for example provide professional development opportunities for teachers, including summer experiences that could include employment in applied research settings

Master Plan update – President Baker went on to review the current status of our effort to implement the campus master plan, including work currently underway on new academic facilities and housing for faculty, staff and students. We are trying to find ways to incorporate in new academic facilities more space for research, though the CSU space formulas don’t at present recognize adequately the need for this space for both teaching and faculty development. Another issue related to capital funding is the need for student housing. A major reason why student who are accepted to Cal Poly don’t attend is the lack of guaranteed 2 years of housing. The additional 2,700 beds on campus soon to be

under construction will allow Cal Poly to make that guarantee available to all new students.

Enrollment - There has been a concern with the lack of funding for the additional 3% over the enrollment target. It was explained that if a campus is under its enrollment target there are financial consequences to deal with. If a campus is 2% over its enrollment target, nothing happens, but if a campus is more than 2% over its enrollment target, it will receive additional funding. Cal Poly will receive funds next fall for this year's additional enrolled students.

Attributes of a Cal Poly graduate – President Baker observed that we have not yet reached closure in our efforts to define the attributes of a Cal Poly graduate. He suggested that graduates need to be broadly educated. They should be able to communicate properly, work together in teams, and have appreciation for other cultures. They should also be literate in science and mathematics. Indeed, we should view science and mathematics as being integral to a liberal arts education.

- C. Provost's Office: None.
- D. Statewide Senators: None.
- E. CFA Campus President: None.
- F. ASI Representatives: None.
- G. Other: Senator Menon introduced Dr. Mohammad Noori as the new dean of the College of Engineering. Dr. Noori presently holds the endowed RJ Reynolds Professorship at North Carolina State University and has 13 years of experience as head of two large academic departments at both private and state institutions.

IV. Consent Agenda: None.

V. Business Item(s): None.

VI. Discussion Item(s): None.

VII. Meeting adjourned at 5:00 pm.

Submitted by,

Gladys Gregory,
Academic Senate