Cal Poly San Luis Obispo emphasizes instruction in polytechnic disciplines and a "learn by doing" educational experience for students in all academic programs. Cal Poly's mission is to discover, integrate, articulate, and apply knowledge. It does this by emphasizing teaching; engaging in research; participating in the various communities—local, state, national, and international—with which it pursues common interests; and providing students with the unique experience of direct involvement with the actual challenges of their disciplines in the United States and abroad. Cal Poly is organized into six instructional colleges and one center: Agriculture; Architecture and Environmental Design; Business; Engineering; Liberal Arts; Science and Mathematics; and the University Center for Teacher Education.

Through several interrelated initiatives—the Cal Poly Plan, the new master plan, the university strategic plan, college strategic enrollment plans, and the Centennial Campaign—Cal Poly is focusing the efforts and resources required to meet the challenges of educating students for productive lives in the new century.

With the assistance of both public and private funds, Cal Poly is gearing up to meet the demands of Tidal Wave II by building new housing for students, and faculty and staff, as well as providing new instructional facilities, including **Engineering and Architecture Renovation and Replacement Phase IIB** and the **Center for Science and Mathematics**. The following projects are included in the state capital outlay program based upon the combined results of the Cal Poly Plan and a comprehensive master plan review. These projects will continue to position Cal Poly as a leader in higher education for students in the region, state, and nation.

The **Engineering and Architecture Renovation and Replacement Phase IIB** project will increase the instructional quality and capacity for the Colleges of Engineering and Architecture and Environmental Design. As a result of this project, Cal Poly will be able to respond to enrollment needs in higher demand programs, better utilize and efficiently operate space in instructional facilities, and more effectively utilize space on the campus overall.

The new **Center for Science and Mathematics** will allow the college to grow to support the increased enrollment anticipated over the next 20 years. Improved facilities will give the faculty the opportunity to teach in a state-of-the-art, student-centered, technologically advanced environment.

Cal Poly raised more than $43.2 million in gifts from individuals, corporations, and foundations during fiscal year 2000/01, the largest amount ever received by any California State University campus in a single year.
STATE

PROJECTS IN BUDGET YEAR

Engineering/Architecture Renovation and Replacement, Phase IIb WC $29,487,000
This project is the addition, renovation, and demolition component of the project that was previously funded in 2002 for preliminary plans only. It includes additions to the environmental design building (#21) and the architecture building (#5). Upon completion of this final phase (B) of the project, it will accommodate 165 FTE in lecture space, 154 FTE in LD laboratory space, -52 FTE in UD laboratory space, and 21 faculty offices. The future cost for equipment is $4,137,000.

Center for Science and Mathematics PWC $90,184,000
This project replaces an inefficient, sprawling, and outdated science building (#52) that can no longer support the basic requirements of a modern science program with a new 159,000 ASF/256,000 GSF state-of-the-art science facility. This facility will accommodate 1,792 FTE in lecture space, 232 FTE in LD laboratory space, 76 FTE in UD laboratory space, and 193 faculty offices. The net effect of the demolition of the existing science building (-1,447 FTE in lecture space, -197 FTE in LD laboratory space, -88 in UD laboratory space and -56 faculty offices) is an increase of 368 FTE and 137 faculty offices. The future cost for equipment is $9,662,000. This project is dependent upon state and nonstate funding.

NON STATE

PROJECTS IN BUDGET YEAR

Child Care Center Expansion PWC $1,200,000
This project will expand the current facility on a site to the west. Safe outdoor activity areas will be developed in between and surrounding the buildings. The new facility will ease existing demand and accommodate future needs for child care as the campus population grows. The Child Care Center provides educational opportunities for programs in the psychology and human development programs. The future cost of equipment is $275,000. Student fees and donors will provide funding.

Mechanical Engineering Applied Research Laboratory PWC $6,210,000
This project will build a new laboratory adjacent to the existing engineering building (#13). It will provide upgraded, larger facilities in a more central location, and provide a long-term campus home for this essential program. The future cost of equipment is $2,241,000. This project is donor funded.

Cal Poly is in the process of developing affordable housing projects for students, faculty, and staff. A project that will provide an additional 700 beds of student housing is currently under way, and two faculty and staff housing projects are also in the planning stages. These projects will allow the campus to attract and retain the highest caliber students, faculty, and staff.