

# Cal Poly Report

Vol. 35, No. 10 Thursday, Oct. 18, 1984



## Cal Poly to recognize Honored Alumni

Seven former Cal Poly students, representing each of the university's seven schools, have been selected as Honored Alumni for 1984 and will be feted during the university's annual Homecoming celebration Oct. 18-21.

The Honored Alumni were chosen by university President Warren J. Baker and by the Honored Alumni Selection Committee of the Cal Poly Alumni Association for outstanding achievements in their careers and service to their communities.

They will be recognized at the Honored Alumni Banquet planned for 6 pm Friday, Oct. 19.

Cal Poly's School of Agriculture selected Alvin J. Quist, a 1947 dairy science graduate from Fresno. Quist is the owner and operator of Conquistador Farms, including 1,100 acres of cropland and 800 head of cattle.

Representing the School of Architecture and Environmental Design is Deborah Weldon, a 1975 landscape architecture graduate. Weldon is the director of Hearst Castle and the San Simeon Region of the state Department of Parks and Recreation.

William C. Siefkin of Wilmington, Del., was selected as the Honored Alumnus from the School of Business. Siefkin, a 1968 business administration graduate, serves as a marketing planning manager for DuPont Inc., where he is involved in marketing various printing and photographic films and display products around the world.

From the School of Communicative Arts and Humanities, 1973 graphic communications graduate Patricia Waters of Mountain View was selected.

*(Cont. on Page 2)*

## We're number one!!

The women's volleyball team has achieved something no other Cal Poly sports team can boast of—a number one ranking in an NCAA Division I poll.

The Mustangs compete on the NCAA Division II level in most sports. However, the women's volleyball and wrestling squads compete on the Division I level.

For the week of Oct. 9 the Lady Mustangs made it to the top spot in the weekly NCAA Division I poll. This puts the volleyball team in the same category as the University of Washington football team, which is No. 1 in the country.

Congratulations, Coach Mike Wilton and the members of the volleyball team!

## \$10,000 grant from Litton aids CAD/CAM program

A \$10,000 grant from Litton Industries is helping to install a new computer system and workstations for Cal Poly's program in computer-aided design and manufacturing (CAD/CAM).

The cash grant was Litton's third to the Cal Poly program, and represents what Computer-Aided Productivity Center Director Mark Cooper calls "a model job of coming in and helping when we need it the most."

The company's next contribution to Cal Poly's nationally recognized program will come in the form of an annual conference of key people from Litton's various international divisions. It will be held on the university campus Oct. 31-Nov. 2.

Litton began what Cooper considers a long-term commitment to Cal Poly with a \$10,000 grant in 1982. That was followed by another \$2,000 in 1983 from its Guidance and Control Systems Division to assist the computer-aided manufacturing program. For the past two years, Litton has paid for Cal Poly's attendance at its annual CAD/CAM conference.

The most recent \$10,000 Litton gift is one of several corporate contributions that are making possible a major upgrading of the university's computer-aided productivity program. The heart of the expanded system will be a new IBM 4341 main-frame computer. Cal Poly was one of only 20 universities nationwide to which IBM donated computers for CAD/CAM instruction as part of the largest grant in the corporate giant's history.

Cal Poly's Computer-Aided Productivity Laboratory — the design end of the CAD/CAM system — began operating in January 1983. Since it opened, class use of the facility has jumped almost a third every quarter.

## Blood Drive planned for Oct. 30

The next campus blood drive is scheduled for Tuesday, Oct. 30 from 9 am - 2 pm in Chumash Auditorium. The drive is sponsored by the Student Health Advisory Council (SHAC), Phi Kappa Psi and the Cal Poly Women's Club. All students, staff, faculty and immediate family members are eligible to draw upon the Cal Poly account. Please eat breakfast or lunch before donating blood.



## Student Employment Awareness Week proclaimed

The City of San Luis Obispo has recognized the impact Cal Poly students have on the local economy by proclaiming Oct. 15-19 as Student Employment Awareness Week.

In the proclamation marking the week, San Luis Obispo Mayor Melanie C. Billig noted that Cal Poly students take area jobs for a variety of reasons: to earn money, to gain work experience, and to test career choices.

The week is co-sponsored by the Cal Poly Placement Center and the San Luis Obispo Chamber of Commerce. The purpose of the week is to increase public awareness of student employees, recognize students who work while attending school, and thank San Luis Obispo employers who hire Cal Poly students.

Last year 6,580 Cal Poly students registered with the Student Employment Office at the university's Placement Center. They were referred to the 4,350 jobs made available by San Luis Obispo employers.

*(Cont. from Page 1)*

## . . . Honored Alumni

Waters, the vice president of House of Printing, is a trailblazer for women in the printing profession. She was the first woman to be offered a management position with Dow Jones in its Wall Street Journal publication production operations.

Representing the School of Engineering is James C. Holcombe, vice president of the power supply division of San Diego Gas & Electric Company. Holcombe, of Poway, is a 1967 electrical engineering graduate who joined SDG&E 17 years ago as an engineer in systems planning.

Daniel Fulmer, a 1970 physical education graduate, was selected as the Honored Alumnus from the School of Professional Studies and Education. Fulmer, a San Luis Obispo podiatrist, also earned his Master of Science degree from Cal Poly in 1972. He is actively involved at Cal Poly as president of the Mustang Boosters and guest lecturer in sports medicine.

Cal Poly's School of Science and Mathematics selected Howard Braham, director of the national Marine Mammal Laboratory, in Seattle. Braham earned his Master of Science degree in biological sciences in 1972. He has worked with the National Marine Fisheries Service for eight years, serving as National Marine Mammal program manager and now as its director. Braham, who specializes in the ecology of the bowhead and gray whales, has published approximately 75 scientific papers and reports and has received several national awards for his work.

## Surplus Property Sale set for Dec. 4

The next Surplus Property Sale will be held on Tuesday, Dec. 4. If your department is planning to check on items to be sold, it will be necessary that all items be "red tagged" no later than Monday, Nov. 5.

The Warehouse will not pick up any items past Friday, Nov. 9. Department technicians may view surveyed items Nov. 13 through Nov. 21, from 8 am to 3:30 pm at the State Warehouse.

For information regarding the surveying of equipment, call Fred Strasser, ext. 2570.

## Swiss shell-roof designer to speak at Cal Poly

Swiss engineer Heinz Isler, known internationally as one of the foremost structural artists of this century, will speak at 7 pm Monday, Oct. 22, at Cal Poly on "Thin Shells as a Structural Art Form."

His free, public presentation will be in Room 221 of the Dexter Building. Isler's dramatic, freely shaped shell-roof designs have been used in the construction of many sports pavilions, exhibition halls, industrial buildings, garden centers and other structures throughout Europe.

His visit to Cal Poly is sponsored by the university's Architectural Engineering Department.

## 'Science is Woman's Work'

Did you know that:

- ✓ Women comprise only 6 percent of the engineering workforce in the United States?
- ✓ Among the 1390 current members of the national Academy of Sciences, only 49 are women.
- ✓ Only 2.8 percent of the boards of directors of Fortune 500 are women.
- ✓ The overall unemployment rate for women scientists is four times greater than for men with comparable training.

These and other issues will be discussed at a workshop for women in science and engineering to be held on Saturday, Oct. 20 in UU 216 from 10 am - 4 pm. The workshop is designed for all women students in the sciences and engineering and will focus on such topics as: available campus resources, leadership skills for women, and math anxiety. Presenters have been selected to represent a wide range of backgrounds and experience including public and private industry, faculty and students.

There is no charge for the workshop and students, staff and faculty are invited to participate. For more information or registration, drop by the Counseling Center, or call Dr. Elie Axelroth at ext. 2511.



## Poet William Stafford to speak

Dr. William Stafford, winner of a National Book Award for his poetry, will speak at Cal Poly on Thursday, Oct. 25.

He will discuss "The Poetic Imagination in a Technological World" at 11 am in UU 220. The free, public program is part of the 1984-85 arts and humanities series, "Imagining the Imagination: The Varieties of Contemporary Creativity."

The programs have been funded in part by a grant from the California Council for the Humanities, the state-based affiliate of the National Endowment for the Humanities. The series is sponsored by the School of Communicative Arts and Humanities.

In addition to his 11 am talk, Stafford will read from his own works at 8 pm in the San Luis Lounge in the Union. His appearance is also being sponsored by India Inc., a local private foundation.

## Dateline

(S) - Admission Charged

(!) - Admission Free

### FRIDAY, OCTOBER 19

**Display:** Outdoor recreation equipment display, UU Plaza, 10 am-5 pm, continuing through Saturday, Oct. 20. (!)

**Homecoming Banquet and Dance:** Honored alumni, Chumash, 6 pm. (\$)

**Backpacking:** Mineral King. See spectacular scenery, splendid views. Through Oct. 21. Sponsored by ASI Outings. Sign up in the Escape Route, UU 112 or call ext. 1287. (\$)

### SATURDAY, OCTOBER 20

**Men's & Women's Cross Country:** SLO Invitational, Crop Science Unit, 9 am - 5,000 meter fun run; 10 am - women's intercollegiate race; 10:30 am - men's intercollegiate race. (!)

**Workshop:** Women in science and engineering, UU 216, 10 am - 4 pm. (!)

**Football:** CSU Northridge, Mustang Stadium, 7 pm. (\$)

### SUNDAY, OCTOBER 21

**Sand tubing:** Slide down the sand dunes in Montana de Oro. Sponsored by ASI Outings. Sign up in the Escape Route, UU 112 or call ext. 1287. (\$)

**Craft Classes:** Take a break and enroll in leather, basic auto, cake decorating or a silkscreen class. Other classes, too. Sign up now in the UU Craft Center or call ext. 1266. (\$)

### MONDAY, OCTOBER 22

**Spanish Table:** All levels of language ability welcome. Sandwich Plant, noon - 1:30 pm. Sponsored by the Foreign Languages Dept. (!)

**Speaker:** Heinz Isler will discuss "Thin Shells as a Structural Art Form." Dexter Bldg. 221, 7 pm. (!)

### WEDNESDAY, OCTOBER 24

**Books at High Noon:** Mary K. Harrington (English) will review "Contemporary Short Stories: 'Cathedral,' 'Shiloh and Other Stories,' and 'The Women of Brewster Place.'" Staff Dining Room, noon. (!)

**German Table:** All levels of language ability welcome. Sandwich Plant, noon - 1:30 pm. Sponsored by the Foreign Languages Dept. (!)

### THURSDAY, OCTOBER 25

**Humanities Speaker:** William Stafford (Lewis & Clark College) will discuss "The Poetic Imagination in a Technological World." UU 220, 11 am. (!)

**University Club:** Bud Laurent will discuss "The Seashore Life of San Luis County." Staff Dining Room, noon. Faculty & staff invited. (!)

**Poetry Reading:** William Stafford (Lewis & Clark College), San Luis Lounge, 8 pm. (!)

### FRIDAY, OCTOBER 26

**French Table:** All levels of language ability welcome. Sandwich Plant, noon - 1:30 pm. Sponsored by the Foreign Languages Dept. (!)

**Soccer:** Cal Poly Pomona, Mustang Stadium, 7:30 pm. (\$)

**Mountain Biking:** Pedal your fat-tire bike in the hills. Through Oct. 28. Sponsored by ASI Outings. Sign up in the Escape Route, UU 112 or call ext. 1287. (\$)

**Games Area:** Sign up today to be on the bowling team or participate in the league. Stop by the UU games area or call ext. 1274. (\$)

## Fee Waiver Program deadlines announced

Information and application forms are available in the Personnel Office for state employees interested in participating in the Fee Waiver Program. Those who take Cal Poly courses under an approved work related or career development program, may be eligible for waiver of certain fees.

Deadline for return of completed, approved Fee Waiver forms for the Winter Quarter 1984 is Monday, Nov. 12. This deadline has been set to correspond with the deadline for application for admission to the university and so that forms may be processed through the Personnel Office and forwarded to the employee to meet the Employee Computer Assisted Registration deadline of Dec. 3.

## Who, What, When, Where

**David Schaffner, Ag Management,** made a presentation, "Exploring Futures Markets — New Products and New Methods," at the September meeting of the Central Coast Chapter, California Society of Certified Public Accountants.

**Bob Flores, Ag Education,** is the President-elect of the California Agricultural Teachers' Association (CATA). He will also serve as a CATA representative on the FFA Foundation Board of Directors.

**Joe Sabol, Glen Casey, Bill Kellogg,** and **Bob Flores, Ag Education,** were recognized at the 1984 Summer Conference of the California Agricultural Teachers' Association for their work in preparing teachers of vocational agriculture. Each received a "Teacher of Teachers" award.

**Wendy Demko Reynoso, Student Academic Services,** has had her manual, "Acquisition of Standard English, A Program for Dialect Different College Students," accepted for inclusion in "Resources in Education."

**Craig H. Russell, Music,** had an article, "An Investigation Into Arcangelo Corelli's Influence on 18th-Century Spain," in a recent edition of *Current Musicology*.

**Eric Johnson, Art,** was invited to participate in an exhibition, "Le Territore," at the Photographic Festival in Arles, France, during the summer. The exhibition included the work of eight photographers from Europe and America.

**Starr Jenkins, English,** will have reviews of two books—"Trimotor and Trail," and "A Pictorial History of Smoke Jumping"—in an upcoming issue of *Western American Literature*.



## Position Vacancies

Vacant staff positions at Cal Poly State University and the Cal Poly Foundation are announced in this column and are posted outside the respective offices. Contact those offices (State: Adm. 110, 805-546-2236—Foundation: University Dining Complex, 805-546-1121) for applications and additional position details. Both Cal Poly and the Foundation are subject to all laws governing affirmative action and equal employment opportunity. All interested persons are encouraged to apply.

### State

**CLOSING DATE: 11-2-84**

**Clerical Assistant II-A, \$594.50-\$700.50/month; part time noon- 4 pm, Aeronautical and Mechanical Engineering.**

**Clerical Assistant II-B, \$1253-\$1480/month; leave replacement until 1-1-85, General Office.**

**Clerical Assistant II-B/D, part-time; B-range assignment with conversion to 10/12 Pay Plan (D-range) effective 2-1-85, Agricultural Management.**

### Foundation

**CLOSING DATE: 10-25-84**

**Assistant Director — Special Services Counselor, \$1,833/month, temporary, 1-year appointment.** Insures program compliance with U.S. DOE regulations and guidelines; develops program objectives, policies and procedures; hires and supervises staff; defines the recruitment and selection methods of project participants; implements an integrated approach to assessing students' individual needs, delivering services, and monitoring students' progress by advising and/or tutoring. Data collection, statistical analysis and evaluation of project; plans budget and monitors expenditure of funds; develops financial support; prepares reports, work plans, and funding proposals. Requirements: B.A./B.S. degree in sociology, education, counseling or related field. Master's degree preferred. Three years experience as a counselor.

**Assistant Supervisor, \$5.54-\$6.64/hour, full time, Monday through Friday, summers off, Food Service.**

**Assistant Salad Room Supervisor, \$5.54-\$6.64/hour, full time, early afternoon shift, Food Service.**

**CLOSING DATE: 10-26-84**

**Supply Assistant, \$1,247-\$1,517/month, Bookstore.**

Candidates for positions on the faculty of the university are presently being sought, according to Jan Pieper, director of personnel and employee relations. Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

**CLOSING DATE: 12-10-84 (or until filled)**

**Tenure Track Position, Business Administration Department, to teach finance at the undergraduate and MBA levels.** Position available Fall 1985. Ph.D. or DBA from an AACSB accredited business school required; ABD candidates in the final stages of dissertation considered. Candidates must have a strong commitment to quality teaching and research. Evidence of quality teaching, research, and significant business experience highly desirable. Rank dependent on qualifications; salary competitive.

**Tenure Track Position, Business Administration Department, to teach marketing at the undergraduate and MBA levels.** Position available Fall 1985. Ph.D. or DBA from an AACSB accredited business school required; ADB candidates at final stages of dissertation considered. Candidates must have a strong commitment to quality teaching and research. Evidence of quality teaching, research and significant business experience highly desirable. Rank dependent on qualifications; salary competitive.

**CLOSING DATE: 1-14-85**

**Department Head, Architecture Department, School of Architecture and Environmental Design. (Filing date extended.)** Position available July 1985, 12-month appointment, professorship rank. Leadership duties include teaching and facilitation of the professional development of the faculty and departmental programs within the total structure of the school and the academic administration of the university. Salary commensurate with qualifications and experience.

Evidence of administrative competence; teaching experience in an accredited architectural program; a professional degree in architecture and a master's degree in architecture or related field or certified foreign equivalent; architectural registration in the U.S., or equivalent foreign license.

Candidates are preferred with advanced degrees, applied research experience, and a record of professional and civic involvement.

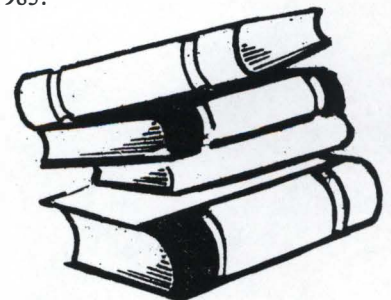
**CLOSING DATE: 1-15-85**

**Department Head, Business Administration Department, School of Business.** Position available Fall Quarter 1985. The department includes faculty groups in Finance, Marketing, and Law. Qualifications include Ph.D., DBA, or J.D. and MBA from an AACSB accredited school of business or nationally recognized AALS accredited law school. Candidates must have a record of teaching excellence and scholarly accomplishment. Evidence of administrative ability is highly desirable. Rank and salary open and competitive. Contact Dr. Kenneth D. Walters, Dean, School of Business.

**Assistant/Associate Professor, (salary commensurate with qualifications and experience), Metallurgical Engineering Department.** Tenure track position available September 1985. Duties include teaching undergraduate metallurgical engineering courses and in particular welding metallurgy. Successful candidate should have: earned doctorate in metallurgical or materials engineering; industrial welding engineering experience desirable; teaching experience desirable; strong commitment to undergraduate engineering education.

**CLOSING DATE: 1-25-85**

**Tenure Track Position, Engineering Technology Department.** Rank and salary commensurate with experience and qualifications. Teach undergraduate courses in air conditioning, refrigeration and HVAC systems. MS in engineering or engineering technology and pertinent technical level American industrial experience required. Teaching experience and PE license given preference. Position available September 1985.



## CPR

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