

# Cal Poly Report

Vol. 33, No. 69 Thursday, May 5, 1983

## Fluor grant benefits productivity lab

Fluor Engineers and Constructors Inc. has donated \$19,000 to Cal Poly, with the lion's share tagged for the Computer-Aided Productivity Laboratory.

The computerized productivity lab received \$15,000. Fluor designated \$2,000 each for the School of Engineering and Technology Discretionary Fund and the university's Electric Power Institute.

Contributions from business and industry have provided most of the funding for the newly operational Computer-Aided Productivity Lab. Fluor's grant brings the total of cash and equipment donations for the project to \$938,000. Full development over the next few years is expected to cost about \$3.8 million.

## Two choirs in concert at Mission tonight

The California State University, Hayward Choir and Cal Poly's University Singers will give a concert at 8 pm tonight in Mission San Luis Obispo de Tolosa. Admission is free.

The 50-voice University Singers will perform under the direction of James Dearing of Cal Poly's Music Department faculty. The choir will sing, with chamber orchestra, "Missa Brevis" in D and "Ave Verum," both composed by Mozart.

The 35-voice choir from Cal State Hayward is directed by Harry Carter. Its performance will include motets by William Byrd and Samuel Scheidt and two American folk hymns arranged by Alice Parker. Also included in the program are four pieces from "Sacred and Profane" by Benjamin Britten.

## Summer work hours

In keeping with past practice and in the interest of energy conservation, President Baker has announced summer working hours for the university to be from 7:30 am to 4 pm with 1/2 hour for lunch. These modified work hours will be in effect from Monday, June 13, through Friday, September 9. In the interest of following a uniform policy, all offices will be open at 7:30 am and will close for business at 4 pm.

## Medal of Freedom winner to speak at Commencement

Simon Ramo—scientist, engineer, business executive and educator—will be the guest speaker at Cal Poly's 77th Annual Commencement on Saturday, June 11. He is scheduled to address 12,000 students, parents and friends of the university during the ceremony, which is being planned for 10:30 am in Mustang Stadium.

Ramo was invited to the White House recently to receive the Medal of Freedom, the nation's highest civilian decoration.

He has been one of the nation's key advisers to the federal government on science and technology matters. He was chairman of the President's Committee on Science and Technology (Ford administration), and co-chairman of the Transition Task Force on Science and Technology for President Reagan.

Ramo obtained his Ph.D. magna cum laude from California Institute of Technology at 23. As a General Electric scientist, he attained world recognition as a pioneer in microwaves, the extremely high frequencies fundamental to radar and advanced communications. He also developed GE's electron microscope. Before the age of 30 he had accumulated 25 patents and was voted one of America's "most outstanding young electrical engineers."

As an entrepreneur, Ramo has been a founder and builder of several outstanding business organizations. A key organizer and developer of Hughes Aircraft Company's electronics operations, he participated in raising this company to national stature.

Ramo was a co-founder of Ramo Wooldridge Corp. in 1953 and first president of its subsidiary, Space Technology Laboratories. After the merger of Ramo-Wooldridge with Thompson Products to form TRW Inc., he became vice chairman of the board of directors and chairman of the executive committee, serving in those positions until his retirement.

As an educator, Ramo has authored a number of engineering and science texts widely used in the world's universities. He is trustee emeritus of The California State University and a trustee of Caltech, where he is a visiting professor of management science.

He is also a Fellow of the Faculty of the John F. Kennedy School of Government at Harvard University. He has been a Regents' Lecturer at University of California and was a member of the Advisory Board for the School of Management at Carnegie-Mellon University and the Advisory Council for the School of Engineering at Stanford University.

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## Mini-computer on display

Demonstrations of the Victor 9000 Mini-Computer will be held between 9 am and 4 pm Monday and Tuesday at the Student Health Center. The hardware will be explained to interested faculty and staff members by Nelson Office Equipment staff and Victor Business Products representatives.

Faculty and staff should enter the Health Center through the lower level foyer; do not use other entrances.

Information about the Victor equipment demonstrations can be obtained by calling Ray Macias at ext. 2234.

## Two dairy judging teams finish on top

For the third year in a row, a Cal Poly dairy judging team won the Great Western Dairy Judging contest, and its toughest competition came from another Cal Poly team, which finished second.

Winning the event was the Cal Poly "Green" team, which was first in reasons, jerseys, and Brown Swiss. The "Gold" team finished second and was also first in Holstein judging.

Les Ferreira, a member of the Dairy Science Department faculty, serves as adviser to the judging teams, a co-curricular activity for the student majors in the department.



## Poetry reading contest entries due by May 13

Cal Poly students have until 4 pm on Friday, May 13, to enter the fifth annual Mel White Poetry Reading Contest, which will be held in the English Building on campus from 9 am to 1 pm on Saturday, May 14.

Mel White was a member of Cal Poly's Speech Communication Department during the 1977-78 academic year. He was so impressed with the university and its students that, upon leaving the faculty, he donated the money for the annual poetry reading contest.

Entry forms for the 1983 contest may be obtained from the Speech Communication Department office in Room 33C of the Faculty Office Building, from the Forensics Room (Room 318 in the English Building), or from the Theatre Office.

## Poly team a winner at national Design Village

A Cal Poly student team won a first prize at this year's Design Village Conference, the architectural design competition held during Poly Royal.

This year's conference, the 10th, was also the first national conference of its kind and succeeded in spreading the idea to other parts of the country. Participants left with plans to organize regional design village conferences next year in the East and Midwest.

The Cal Poly team won the award for the best structure in the "Rationalism" category with an umbrella-like structure that stood on one point. The structure's floor and roof sections could close together at night.

A student team from Orange Coast College also won a first prize in the "Romanticism" category for a colorful, vaulted structure of nylon fabric and tubing with an ingenious clam-shell door.

The national character of the conference was possible because of a \$5,000 grant from the National Endowment of the Arts to the student-run Design Village group sponsored by the School of Architecture and Environmental Design. The purpose was to organize and then document a conference that could serve as a model for regional design conferences elsewhere in future years. The event attracted 38 entries from other universities, as far away as Temple University in Philadelphia.

Because of the conference's success in starting regional conferences elsewhere, next year's Design Village Conference at Cal Poly is expected to be a Western regional conference instead of national.

## Foundation Board meeting

The Board of Directors of the Cal Poly Foundation will hold a regular meeting at 9 am, Friday, May 13, in Administration Building Room 409.

This is a public meeting. For further information about this meeting or to obtain a copy of the meeting agenda, contact Al Amaral (Executive Director, Cal Poly Foundation) in Fisher Science Hall 290 or call ext. 1131.

## Recreational sports events...

- Spring Chess and Dominoes Tournament, Saturday, May 21. Sign up by 4 pm May 20.
- Archery, near Mustang Stadium, 3-5 pm, Thursdays.
- Horseshoe Tournament Saturday and Sunday, May 14 and 15, at Santa Rosa Park. Sign up by 4 pm May 6.



## English to be taught using Laubach method

English as a second language will be taught in a series of workshops on Tuesdays and Thursdays starting Tuesday (May 10). The Laubach method will be used.

Faculty, staff, students and their families are invited to attend these free sessions. They are sponsored by the Multi-Cultural Center with the help of students from the Soc. 414 class, Sociology Work Practicum.

Interested persons should contact Alan Yang, Activities Planning Center, ext. 2476, to arrange a convenient time.

## CSUS dean named acting president

Austin J. Gerber has been designated acting president of Cal State, Sacramento. Gerber's appointment is effective July 1. He will head the 21,000-student campus pending the Board of Trustees' selection of a permanent successor to W. Lloyd Johns. Gerber is Dean of CSUS's School of Business and Public Administration and is also a professor of labor law.

## ... Commencement

Ramo has received honorary doctorates from University of Michigan, Case Western Reserve University, Carnegie-Mellon University, University of Utah, University of Southern California, and many other universities. He is also the recipient of the National Medal of Science, the nation's highest science award.

Ramo is a founding member of the National Academy of Engineering and is a member of the National Academy of Sciences and the American Philosophical Society.

He is also a Fellow of the American Academy of Arts and Sciences, the American Institute of Aeronautics and Astronautics, the American Association for the Advancement of Science, and the Institute of Electrical and Electronics Engineers.

He is a director or trustee of many business, philanthropic, cultural, and professional organizations including the Times Mirror Co., the Los Angeles World Affairs Council, the National Symphony Orchestra Association, the Music Center Foundation of Los Angeles, and the Los Angeles Philharmonic Association.

Degrees will be conferred during the June 11 ceremony on nearly 4,000 candidates for bachelor's and master's degrees as well as technical certificates. The candidates will be those who have completed course requirements at Cal Poly since last June.



## Dateline

### FRIDAY, MAY 6

**Baseball:** Chapman College. SLO Stadium, 7:30 pm. Public invited. (\$)

### SATURDAY, MAY 7

**Conference:** Future Farmers of America, continuing through Tuesday (May 10). The theme is "Education's Treasures—Discover Yours."

**Baseball:** Chapman College. SLO Stadium, double-header beginning at noon. Public invited. (\$)

**Women's Tennis:** Loyola Marymount. Upper courts, 1 pm. Public invited. (!)

### MONDAY, MAY 9

**Workshops:** Sign up now for various outdoor-skills workshops May 9-26, including fly fishing, map reading and much more. Sponsored by ASI Outings. For more information, contact The Escape Route, UU 112, ext 1287. Public invited. (\$)

**Film:** "Freebie and the Bean." Mustang Lounge of the University Union, 7:30 pm. Public invited. (!)

### WEDNESDAY, MAY 11

Last day to submit CAR materials and pay fees for Summer Quarter.

**French:** Those interested in speaking French are invited to join Christine Marchant (Foreign Languages). Sandwich Plant, noon. (!)

### THURSDAY, MAY 12

**Speaker:** George Reppucci of TRW will discuss spacecraft power systems. Graphic Arts Room 106, 11 am. Sponsored by the Electric Power Institute. Public invited. (!)

**Spanish:** Those interested in speaking Spanish are invited to join Louise Noel (Foreign Languages) every Thursday. Sandwich Plant, noon. Faculty, staff and students invited. (!)

**Barbecue:** Annual University Club barbecue. Cuesta Park, 5:30 pm. Members and their guests invited. (\$)

### FRIDAY, MAY 13

**Golf Tournament:** Celebrity golf tournament hosted by John Madden. San

Luis Obispo Country Club, noon; dinner at Veterans Memorial Building, Pismo Beach, 6:30 pm. Sponsored by Cal Poly's intercollegiate football program and the Alumni Association. Public invited. (\$)

**Hiking:** In beautiful Montana de Oro State Park. Spectacular scenery and wildflowers. Sponsored by ASI Outings. Sign up in the Escape Route, UU112, or call ext 1287. Everyone invited. (!)

### SATURDAY, MAY 14

**Poetry Reading:** Fifth annual Mel White Poetry Reading Contest. Entry deadline May 13. English Building, 9 am - 1 pm. Sponsored by the Speech Communication Department. Students invited. (!)

**Concert:** Spring Band Concert. Chumash Auditorium, 8 pm. Sponsored by the Music Department. Public invited. (\$)

**Bike Ride:** Pedal to Morro Bay. Sign up at the Escape Route, UU 112. Sponsored by ASI Outings. Faculty, staff and students invited. (!)



## Position Vacancies

Vacant staff positions at Cal Poly 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.

**CLOSING DATE: 5-20-83**

**Annual Giving Clerk (Clerical Asst. II-A), Alumni Relations, \$1031-1215/month.**

**Readvertisement**

**CLOSING DATE: 5-20-83**

**Theatre Manager (Supervising Stage Technician II), \$1708-2055/month.**



1983	MAY						1983
S	M	T	W	T	F	S	
1	2	3	4	5	6	7	
8	9	10	11	12	13	14	
15	16	17	18	19	20	21	
22	23	24	25	26	27	28	
29	30	31					

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton (Director of Personnel 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: 5-20-83**

**Lecturers, Art, part-time for Fall, Winter, Spring and Summer Quarters 1983-84, salary commensurate upon qualifications and teaching load.** Pool being established for possible vacancies in ceramics, glassblowing, woods, metalsmithing, drawing, studio, printmaking, art history, photography, graphic design, and exhibition design. Applicants should be qualified in one or more of the discipline areas and possess a Master or M.F.A. degree.

**CLOSING DATE: 5-27-83**

**Lecturers (2), Engineering Technology, salary dependent on experience and qualifications.** Full-time positions 1983-84 academic year, teaching lecture and laboratory courses in engineering drawing and/or manufacturing processes (machine tool based). Knowledge of CAD/CAM desirable. B.S. in engineering or technology required, M.S. and industrial experience preferred.

**Lecturers, Social Sciences, salary commensurate with qualifications, experience and teaching load.** Department is establishing a pool of applicants for possible part-time positions in sociology/social work, geography, and anthropology. Ph.D. preferred.

**CLOSING DATE: 6-1-83**

**Lecturers, Crop Science, salary commensurate with experience and qualifications and dependent on time base.** Assignment available on a quarter-to-quarter basis for Fall, Winter, Spring and Summer Quarters 1983-84. Department is establishing a pool of applicants for possible part-time and full-time positions in crop science, fruit science, vegetable science and plant protection. Advanced degree preferred.

**Lecturer, Speech Communication, salary \$19,044-22,896/year beginning September 1983.** Teach public speaking; assistant director for large forensic program. M.A. in speech communication and coaching experience required.

**CLOSING DATE: 6-15-83**

**Lecturer, Food Science, part-time position based on 15-unit teaching load; salary commensurate with qualifications and experience.** Department seeking candidates for possible part time lecturer positions during the Fall, Winter, Spring or Summer Quarter of the 1983-84 academic year. Duties may include teaching undergraduate lecture and/or laboratory sections in fruit/vegetable processing, packaging or meats. Master's degree in food or animal science required. Teaching and/or industrial experience may be substituted for degree requirement.

**CLOSING DATE: 6-30-83**

**Director of Extended Education, salary \$27,576-42,120, 12-month appointment, effective Sept. 1, 1983.** Responsible for overall management and administration of extended education programs, including extension, summer session and special programs. University teaching, administrative experience and an earned doctorate required. Submit application to Malcolm Wilson, Associate Vice President for Academic Programs.

**CLOSING DATE: 7-3-83**

**Lecturers, Business Administration, part-time positions available for Summer and Fall Quarters 1983, and Winter, Spring and Summer Quarters 1984.** Business Law: teaching business law survey, consumer law. J.D. with successful completion of a state bar required. Professional and/or teaching experience preferred. Finance and Property Management: teaching real estate principles, real estate finance and real estate investments. Other class assignments possible. Bachelor's degree or professional certification required; Master's degree preferred. Extensive experience in respective fields and/or appropriate teaching experience preferred.

**CLOSING DATE: 8-19-83**

**Lecturer(s), Industrial Technology, part-time, salary commensurate with qualifications, experience and assignment.** Position(s) available for the 1983-84 academic year and Summer Quarter 1984. Teach in the areas of wood, metal plastics, electronics, and industrial management. Bachelor's degree in a related technical field required.