

CAL POLY

REPORT

California Polytechnic State University, San Luis Obispo

Vol. 43, No. 11 November 16, 1989

San Jose newspaper rates Cal Poly No. 2

The San Jose Mercury News has rated Cal Poly the second-best buy in public higher education in California.

Among 19 California State University campuses and nine University of California campuses, the Nov. 5 edition of *West*, the newspaper's Sunday magazine, gave better marks only to UC Berkeley. And the magazine said it was a close race.

Cal Poly and UCLA tied for second in total score, close behind Berkeley. But Cal Poly got the nod as No. 2 because it "won far more votes for first place" than UCLA did.

West based its ratings on a poll of admissions officials at colleges and universities throughout California. They were asked to list their top three choices for best college value — excluding their own school — in both public and private schools.

The officials were asked to consider annual cost for tuition and fees, academic quality, campus life and community life.

The survey ranked Stanford first among private institutions and Santa Clara University second.

Governing board members sought

Nominations are being accepted for individuals to represent Cal Poly on the governing board of the Women's Council of the State University (WCSU). To be considered, send a one-page letter of interest to Mary Whiteford, Academic Programs, by Dec. 8.

The names of those interested in

the nomination will be included in a January issue of the *Cal Poly Report*, and the campus will be asked to vote for a new board member.

The WCSU is a nonprofit corporation that promotes employment development for women and education for and about women in the CSU. Membership is open to all students, faculty, staff, and administrators in the CSU. The organization holds a biannual conference and during the alternate year, two regional seminars. Cal Poly is scheduled to host a regional seminar in 1991-92.

During the three-year term, a board member is expected to attend three meetings each year, be an active member of a WCSU constituency group, provide information about the WCSU to the campus, and advocate the work of the WCSU. Whiteford and Willi Coleman are board members from Cal Poly, and nominations are needed to choose a successor for Coleman, whose term ends in January 1990.

If you have questions, call Whiteford at ext. 5475 or Coleman at ext. 2511.

Jones Scholarship

A Hazel J. Jones Memorial Scholarship Fund has been established at Western State College of Colorado. Dr. Jones earned her undergraduate degree at the Gunnison, Colo., school, and she was honored as outstanding alumna in 1976. For those interested in contributing, please send donations to the Hazel J. Jones Memorial Scholarship Fund, Western State College of Colorado Foundation, Gunnison, Colo. 81230.

United Way drive coming to a close

The 1989 United Way/Neighbors Helping Neighbors Fund Drive is coming to a close. The campaign concludes on Nov. 22. It is the only authorized charity drive for Cal Poly employees.

In addition to local organizations, donors may designate contributions to any nonprofit organization of their choice. Last year employees contributed a record total of over \$57,000.

If you have not been contacted by someone in your school, department or division, please call Larry Voss, ext. 2101, or Mary Smith, ext. 2171.

Cap and gown rental

It is time for faculty to place orders for cap and gown rentals to participate in December commencement ceremonies. Call Janet or Kim at ext. 5321 to place your order. The deadline is Nov. 17.

CPR holiday schedule

One more issue of *Cal Poly Report* will be printed in November (Nov. 30). There will be no issue Thanksgiving week.

In December *Cal Poly Report* will appear Dec. 7 and Dec. 14. The first issue of Winter Quarter will be Jan. 4. All copy must be in the Public Affairs Office a week before the issue date.

**Faculty/Staff
Payday is Nov. 30**

Accounting expert to talk on Nov. 16-17

Professor M. L. Hirsch, author of two managerial accounting textbooks, will be the first speaker in a series of seminars to be held on campus.

Hirsch, a member of the Southern Illinois faculty in Edwardsville, will discuss curriculum today (Nov. 16), at 11 am in Room 220 of the English Building. He will discuss the new manufacturing environment at 1 pm on Friday, Nov. 17, in Room 212 of the BA&E Building.

The seminars, sponsored by the Chevron Corporation, will bring educators whose expertise deals with management accounting topics.

For further information, please call Becky Holt at ext. 1384.

Composer Harrison to lecture Nov. 16-17

Noted American composer Lou Harrison will spend two days on campus — today (Nov. 16) and Friday, Nov. 17 — giving lectures and demonstrations.

Harrison's compositions demonstrate a variety of means and techniques. He was a pioneer in introducing the Indonesian gamelan (a bamboo xylophone) to the United States.

Today (Nov. 16) at 11 am in Room 218 of the Davidson Music Building, he will discuss "The Gamelan — The Indonesian Orchestra." On Friday, Nov. 17, during music appreciation classes at 9 am, 10 am, and 11 am, Harrison will explore the gamelan and Eastern influences on Western music.

In addition, a performance of his work, "La Koro Sutro" for mixed choir and gamelan, will be performed by the Cuesta Master Chorale on Saturday, Nov. 18, at 8:15 pm at the New Life Community Church of the Nazarene in Pismo Beach. The performance will be conducted by Dr. Thomas Davies.

The 72-year-old composer was born in Portland, Ore., but has lived all over the world.

Harrison has received awards from the American Academy and Institute of Arts and Letters, Fromm Foundation, Phoebe Ketchum Thorne, and Betty Freeman.

In addition, he has received Guggenheim Fellowships, a Rockefeller Fellowship, and a Fulbright scholarship.

Tickets for the performance in Pismo Beach are \$10.50, \$8.50 and \$6.50. They are available at Mid-State Bank branches in San Luis Obispo, Arroyo Grande, Morro Bay, and Atascadero, as well as Spellbinders in Cambria. In addition, tickets will be available at the door.

The Harrison visit to Cal Poly is co-sponsored by the Music Department and Cal Poly Arts.

S.F. architect to speak Nov. 21

"Post-Industrial Funk" will be the topic of a free talk by architect David Baker on Tuesday, Nov. 21, at 7:30 pm in the Architecture and Environmental Design Gallery.

Baker's firm, established in San Francisco in 1982, has received numerous design awards, including Best Affordable Housing Development for the Bay Area Council Housing Awards Program in 1988 and Best of Competition from the Restaurant and Hotel Design Competition in 1987.

His firm's housing and interior architecture work has been published in *Progressive Architecture*, *Architecture California*, *Architectural Record*, and *Home* magazines, among others.

Baker received a Master of Architecture degree from the University of California at Berkeley and is a member of the American Institute of Architects. His talk is sponsored by the Architecture Department's Speakers Forum.

Atlee reception

Chuck Atlee, professor of Crop Science since 1969 has accepted a six-month teaching contract at the E.A.R.T.H. University in Costa Rica beginning January 1990. He will retire from Cal Poly at the completion of this assignment. All faculty and staff are invited to attend a reception in his honor on Thursday, Nov. 30, 3 to 4:30 pm, in Ag Sciences 210.

Copier readings

Effective immediately, all monthly copy machine and meter readings should be sent to Elaine Simer in the Procurement and Support Services Office. The readings are due by the 20th of each month. The machine readings should be put on the pink form, and the meter (auditron key) readings on the blue form. Additional forms may be obtained by calling Simer at ext. 2234.

National society honors Daniel Walsh

The School of Engineering's associate dean for administration and planning, Dr. Daniel W. Walsh, is one of six engineering educators in the nation chosen by a national professional society to participate in an annual award program.

Walsh, a professor of metallurgical and materials engineering, was named by the Society of Automotive Engineers to join in its 1989 Ralph R. Teetor Educational Award Program.

Selected for excellence in teaching as well as a record of achievement in research, Walsh and the other awardees were hosted by the society at its recent four-day Aerospace Technology Conference and Exposition in Anaheim.

\$1.89 billion CSU budget approved

The California State University board of trustees has adopted a proposed \$1.89 billion support budget for the 1990-91 fiscal year.

The support budget calls for a \$250 million increase over 1989-90 appropriations to maintain prior year program service levels, cover anticipated systemwide growth of more than 6,000 students, and fund increased operational costs. This increase includes \$76.1 million added to the 1989-90 base budget for such areas as personnel, construction bond payments and increases in the costs of goods and services.

Inflationary price rises of approximately \$10 million are anticipated, along with an additional \$59 million increase in mandatory salary and benefit costs for existing faculty and non-teaching staff.

In addition, approximately \$93.1 million is being requested for program maintenance proposals to accommodate enrollment and other workload growth increases required to maintain services, such as instructional equipment replacement, staffing for new buildings, and charges for utilities.

More than \$32 million is being requested to restore prior year budget reductions which had been used to provide merit salary increases for nonteaching staff.

The support budget also includes the following requests for new spending authority: \$12.8 million to recruit and retain a quality faculty; \$15.9 million to recruit and retain a diverse student body; \$17.3 million to maintain academic quality, which includes \$13.9 million for improving libraries; and \$21.8 million to address critical environmental concerns.

An additional \$10 million is being requested to enhance systemwide computing systems, and \$3.2 million is requested for increasing support for the Educational Opportunity Program which provides assistance to low-income students.

Among provisions of the budget

are an increase in the State University Fee paid by all students. The fee will rise by 4.8 percent from current rates.

Grant allows purchase of computer system

The National Science Foundation has granted \$50,000 to the Computer Science Department to buy a \$200,000 "parallel-processing" computer system.

The remaining \$150,000 needed for the system is being donated by the computer's manufacturer, the Sequent Corp.

The system has been on campus for more than a year for the department to evaluate. The NSF grant enables the university to buy the system.

By processing several procedures simultaneously, the parallel-processing computer can work faster than a standard computer that has only one processing unit. The Computer Science Department's system is a 10-processor Sequent Balance system.

The system is also being used for a variety of research projects by both faculty members and students.

Located in the Computer Science Laboratory, the system is also available to students and professors at other locations on and off campus through various campus computer networks.

Who, What, Where, When

Max Riedlsperger, *History*, has had an article, "Austria: A Third German State at 44?" published in the Spring 1989 issue of *Politics and Society in Germany, Austria and Switzerland*.

Wesley J. Mueller, *Crop Science*, presented a paper, "The Effect of Various Rice Herbicides on Cultivated Wild Rice in California," at the Western Society of Crop Science conference held in Bozeman, Mont.

Stan Dundon, *Philosophy*, had an article, "Professional Ethics in the Classroom," published in *Agriculture and Human Development*.

Doug Williams, *Ag Engineering*, presented a paper, "Methane Production from Culled Tomatoes," at the 1989 Florida Tomato Institute, held in Naples, Fla. He also presented a poster session, "Design and Construction of an Electrically Powered Controlled Traffic Farming System," at the meeting of the California Utility Research Council, University End-use Research Forum, San Diego.

Willi Coleman, *Counseling Center*, delivered the Cooper/Woodson Inaugural lecture at Sacramento State University on Oct. 12, 1989.

John Mendenhall, *Art and Design*, had his book, "British Trademarks of the 1920s and 1930s" published by Chronicle Books, San Francisco. It is being published concurrently in England by A&R Publishers. The book is a result of research accomplished during a sabbatical leave in London.

Suzanne Lord, *Foreign Languages and Literatures*, gave a presentation, "Finding Resources for the Small Scale Language Lab," at the conference of the International Association of Language Laboratories at MIT.

Dateline. . . .

(S) - Admission Charged

THURSDAY, NOVEMBER 16

Lecture/Performance: Marilyn Thompson (Hampton University) will sing and discuss "Afro-American Art Songs" as part of the Arts and Humanities Lecture Series. Theatre, 11 am.

Speaker: Composer Lou Harrison will discuss "The Gamelan — The Indonesian Orchestra." Davidson Music Bldg. 218, 11 am.

Seminar: M.L. Hirsch (Southern Illinois University) will lead discussions on business curricula and the implications of the new manufacturing environment. English 220, 11 am. Continues on Friday, Nov. 17, in BA&E 212, 1 pm.

(Cont. on next page)

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THURSDAY, NOVEMBER 16 (Cont.)

University Club: Jack Algeo (Animal Sciences and Industry) will discuss "Diet/Health Issues — Facts and Fables." Staff Dining Room, noon.

Leadership Workshop: Learn basic communication and leadership skills. UU 219, 11 am.

Speaker: Robert Newman (professor emeritus, University of Pittsburgh) will discuss "Truman and Hiroshima: A Question of Ethics." Science North 215, 7:30 pm.

Play: "Arms and the Man." Continues through Saturday, Nov. 18. Theatre, 8 pm. (\$)

FRIDAY, NOVEMBER 17

Women's Basketball: Cal Poly Classic (UC Riverside, Notre Dame, UC Davis.) Continues on Saturday, Nov. 18. Mott Gym, 6 & 8 pm. (\$)

SATURDAY, NOVEMBER 18

Concert: Bandfest '89, Chumash, 8 pm. (\$)

SUNDAY, NOVEMBER 19

Presentation: Loren Nicholson (Journalism) will show slides of his new book, "Old Picture Postcards: A Historic Journey Along California's Central Coast." UU 220, 2 pm.

Concert/Dance: The Untouchables, "Mott Gym, 7:15 pm. (\$)

MONDAY, NOVEMBER 20

Film: "The Story of Adele H.," Chumash, 7:30 pm. \$

TUESDAY, NOVEMBER 21

Speaker: David Baker will discuss "Post Industrial Funk." Architecture and Environmental Design Gallery, 7:30 pm.

WEDNESDAY, NOVEMBER 22

Thanksgiving Holiday: Except for needed emergency services, campus will be closed until Monday, Nov. 27.

SATURDAY, NOVEMBER 25

Women's Basketball: San Francisco State, Mott Gym, 7:30 pm. (\$)

MONDAY, NOVEMBER 27

Film: "The Green Room," Chumash, 7:30 pm. (\$)

WEDNESDAY, NOVEMBER 29

Speaker: Roberta Smith-Evernden will discuss "Geology and Land Use." Ag Engr. 123, 7:15 pm.

THURSDAY, NOVEMBER 30

University Club: Bob Anderson (Public Affairs) will show slides and discuss "Glacier National Park — By Train Via Seattle." Staff Dining Room, noon.

Performance: AMAN International Folk Dance Festival. Theatre, 8 pm. (\$)

Position Vacancies

Vacant staff positions at Cal Poly and the Cal Poly Foundation are announced in this column and are posted outside the respective offices. Contact those offices (State: Adm. 110, 805-756-2236 — Foundation Administration Building, 805-756-1121) for applications and additional position details. Both Cal Poly and the Foundation are subject to all laws governing affirmative action and equal employment opportunity. Cal Poly hires only individuals lawfully authorized to work in the United States. All eligible and interested persons are encouraged to apply. Applications must be received by 5 pm or postmarked by the closing date.

State

CLOSING DATE: November 29, 1989

Clerical Assistant III-B, \$1732-\$2051/month, Financial Aid.

Senior Account Clerk, \$1754-\$2077/month, Student Accounts.

Student Services Professional I-A (Outreach Assistant), \$1956-\$2131/month; temporary through 6/30/90, Student Academic Services.

CLOSING DATE: December 6, 1989

Student Services Professional III, (Learning Disabilities Specialist), \$2612-\$3144/month; temporary through 6/30/90, Disabled Student Services.

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. Salaries for faculty commensurate with qualifications and experience (and time base where applicable), unless otherwise stated. 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. Cal Poly hires only individuals lawfully authorized to work in the United States. All eligible and interested

persons are encouraged to apply.

EXTENDED CLOSING DATE:

December 8, 1989

Assistant Professor (Tenure-Track), Philosophy. Assignment begins September 1990. AOS: contemporary analytic metaphysics and epistemology. AOC: 20th century movements in British and American philosophy. Ph.D. prior to appointment. Applicants must document excellence in teaching.

CLOSING DATE: January 31, 1990

Assistant Professor (Tenure-Track) or Lectureship, Education. Contingent upon funding and qualifications, available September 1990. Entry level position. Seeking candidates with background in elementary education and in related graduate programs. Doctorate from accredited university in elementary education (master's degree and ABD accepted for lectureship); successful K-6 public school teaching experience; advanced graduate study in math education; skill in student teacher supervision. Preference will be given to candidates with background in bilingual education (Spanish), multicultural education, and inner-city school teaching experience.

CLOSING DATE: February 15, 1990

Assistant/Associate Professor (Tenure-Track), Biological Sciences. Position available September 10, 1990. Duties will include teaching an upper division course in vertebrate embryology, sharing instruction of a course in human anatomy, and may include participation in introductory courses. Ph.D. required with preference given to those with university teaching experience.

CLOSING DATE: March 1, 1990

Assistant Professor, Motor Learning/Control & Motor Development (Tenure-Track), Physical Education and Recreation Administration. Entry level position, contingent upon funding. Salary (\$22,344 - \$39,924). Primary responsibilities include teaching undergraduate courses in Motor Learning/Control and Motor Development, along with a graduate course in Motor Learning/Control. Doctorate required in PE from an accredited university. Must have appropriate course work and training in above responsibilities. Evidence of successful teaching required (public school, graduate assistant, college) as well as a demonstrated ability to initiate grant proposals.