



# CAL POLY REPORT



CALIFORNIA STATE POLYTECHNIC COLLEGE SAN LUIS OBISPO, CALIFORNIA 93401

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September 30, 1969

## RECORD-BREAKING 11,283 STUDENTS ENROLL FOR FALL QUARTER

Men continue to outnumber women by a margin of about 8 to 3.3 among students at Cal Poly, according to a statistical summary of students who enrolled last week for the Fall Quarter. Showing a record-breaking total of 11,283 students, the summary released by F. Gerald Holley (Director of Admissions and Records), reports that 7,988 men and 3,295 women signed up for classes during the summer pre-registration period and the regular registration period, Sept. 18-19. Not included are another 200-300 students who were expected to enroll before close of the late registration period yesterday (Monday, Sept. 29).

The total of 11,283 students reported by Holley is 16.2 percent higher than that recorded at a similar date during the 1968 Fall Quarter. At that time, the 9,711 students who had registered was the largest enrollment ever reported at Cal Poly.

Divided among the five major instructional units, the summary includes 2,114 students in the School of Agriculture, 3,329 in the School of Applied Arts, 2,059 in the School of Applied Sciences, 2,379 in the School of Engineering and Technology, and 1,402 in the School of Architecture. Among the five classes determined by the number of units a student has remaining for completion before graduation, the freshman class is the largest with 2,914 enrolled. Close behind in this grouping are the seniors with 2,761, sophomores with 2,449, and juniors with 2,252. Three hundred eighty-one graduate students are enrolled and another 526 students are registered for limited programs of six units or less.

Among the 39 instructional departments of Cal Poly's Schools of Agriculture, Applied Arts, Applied Sciences, and Engineering and Technology, the Business Administration Department, with an enrollment of 772 student majors, is the biggest. Also among the college's larger departments are social sciences with 758; home economics, 743; electronic engineering, 663; education, 517; animal husbandry, 493; mathematics, 498; agricultural management, 456; biological sciences, 447; and mechanical engineering, 408.

The School of Architecture, which continues to be the largest such unit in the history of architectural education in the United States, does not divide its programs by department majors.

## FLU SHOTS OFFERED BY STUDENT HEALTH SERVICE

Flu shots are again being offered to members of the college faculty, staff, and student body by the Student Health Service. Dr. Billy Mounts (College Physician) reports that faculty and staff who wish to may obtain the shots at a cost of \$1 by contacting Mrs. Pat Eilevs in the Immunization Room of the Student Health Center, weekdays between 8 and 11:30 a.m. and 1 and 4 p.m. The shots are free to students.



INFORMATION ON PLANTINGS OF RARE TREES SOUGHT BY O/H DEPARTMENT

Calling all *Camptotheca acuminata*! The aid of San Luis Obispo County home gardeners is being sought to compile a catalog of the location of *Camptotheca acuminata* trees. Howard C. Brown (Head, Ornamental Horticulture Department) is gathering the data.

The *Camptotheca acuminata*, which resembles the avocado tree, has a potential use in cancer treatment. The Cancer Chemotherapy National Service Center in Bethesda, Md., through the American Cancer Society and its local branches, has been seeking mature *Camptotheca acuminata* trees. The drug, camptothecin, is extracted from the tree. The root, bark, and wood of a mature tree yields five-hundredths of one percent of the drug. Early experiments indicate camptothecin might prove beneficial in the treatment of some forms of cancer. More camptothecin is needed for the experiments. So far, efforts to produce the drug synthetically have failed.

The *Camptotheca acuminata* tree is native to China. Only a few seedlings have been exported to this country. The Cal Poly Ornamental Horticulture Department has seedling to 3-year-old trees in its nursery, one of the few sources of the tree in the state. In the past year, at least 13 of the trees have been sold to gardeners in the county.

Dr. Brown is asking that those who purchased the trees in the past call the Ornamental Horticulture Department, 546-2279, and report the location of the trees. He also suggests that anyone who has a *Camptotheca acuminata* tree obtained from another source should also register the information with the department. The data will make it easier for research organizations to locate the trees at a future date.

DEADLINE FOR WINTER, SPRING RESEARCH AND CREATIVE ACTIVITY LEAVES IS OCT. 13

The headline appearing in last week's Cal Poly Report on an item announcing the deadline for applications for Research and Creative Activity leaves for the coming Winter and Spring Quarters incorrectly listed Oct. 1 as the due date. Faculty members who wish to make applications for such leaves for either quarter should submit them to their department heads' offices by Oct. 13, according to George Clucas (Director, Research and Development). The application form, along with "Criteria for Selection of Faculty for Special Leaves for Research or Creative Activity" and instructions for content of the applications may be obtained through the Office of Research and Development, Adm-307, 546-2630.

SIMONSEN NAMED ACTING PRESIDENT OF CAL STATE AT LONG BEACH

Donald Simonsen last week was appointed acting president of California State College at Long Beach, according to Chancellor of the California State Colleges Glenn S. Dumke. Dr. Simonsen has been serving as vice president in charge at the college, the largest in the 19-campus state college system, since Sept. 1. He succeeds Carl W. McIntosh, the college's president for 10 years, who has requested reassignment within the system. Dr. McIntosh's planned retirement from the presidency was announced in February. Dr. Simonsen has been at CSC, Long Beach, since 1956.

Cal Poly Report is produced by the Office of Information Services, Administration 210. Material should be submitted in writing prior to noon Friday.



### BOISE STATE COLLEGE CRIDDERS WILL TEST MUSTANGS

Boise State College's highly regarded footballers are expected to provide a test that will determine just how good Cal Poly's 1969 grid varsity is. Examination time will be 7:30 p.m., Saturday (Oct. 4), in Mustang Stadium, before a "staff" of "monitors" expected to number nearly 7,000. Head Coach Joe Harper is greatly concerned over the outcome.

Neither of the Cal Poly eleven's open contests has really put it to a test. The Mustangs whalopped Western Washington State College 44-0 in a game played before a packed Mustang Stadium crowd last Saturday night and now have tallied 125 points in their two games this season. They romped to a 71-7 victory over San Francisco State College in their opener Sept. 20.

Stars of the Western Washington triumph were senior quarterback Gary Abate, who scored three touchdowns; senior tailback Joe Acosta, who rushed for 92 yards in 13 carries; senior end Bill Pandiani, who caught 4 passes for 50 yards and 1 touchdown; junior quarterback Don Milan, who scored 1 TD, passed for another, and was 7 for 11 and 76 yards passing; and senior defensive end Don Sverchek, who spent most of the evening greeting WWSC backs behind the line of scrimmage.

In other sports action slated for this week, Coach Tom Lee's freshman footballers open their 1969 season Friday (Oct. 3) evening when they host cross-town rival Cuesta College in a game billed for 8 p.m., in Mustang Stadium. Other contests scheduled this week will find the Mustang water polo varsity meeting El Camino College in a game planned for 8 p.m., Thursday (Oct. 2) in the swimming pool adjacent to Men's Gymnasium, and the soccer team will host Woodbury College in a match announced for 2 p.m., Saturday, on the Athletic Field near the Men's Gym.

### SATURDAY IS DAY FOR WOMEN'S CLUB FALL TEA

Saturday (Oct. 4) is the day for the annual Fall Tea of the Cal Poly Women's Club. Planned for 2 to 4 p.m., in the Staff Dining Room, the event will provide an opportunity for past, as well as new, members to pay their annual dues (\$6) and sign up for the special interest sections of their choice. The wives of members of the faculty and staff, as well as women who are faculty and staff, are invited.

In related information from the women's club, it was been announced that dues may also be mailed to Mrs. M. Eugene Smith, 1292 Foothill Blvd., San Luis Obispo, by those who are unable to attend the Fall Tea. Deadline for receipt of dues from those who wish to be included in the club's directory will be Oct. 11.

Development of three new interest sections is also being planned by CPWC. Members interested in the Arts and Crafts Section, the Choral Section, and the Modern and Interpretative Dance Section may sign up for them during the Fall Tea, Saturday. The Modern and Interpretative Dance Section is being developed in cooperation with the physical activity program for women which is being conducted by the college Physical Education Department.

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#### NEW RULES REQUIRE "STATEMENT OF PURPOSE" FOR TRAVEL CLAIMS

Recently ammended rules of the State Board of Control, which cover filing of reimbursement claims for travel connected with state business require that "each officer and employee must state the purpose or objective of each trip for which reimbursement is claimed." According to Donald S. Nelson (Director of Business Affairs), statements such as "for official business" and "recruitment" will no longer be acceptable.

Nelson said the Office of the State Controller has advised state agencies that the purpose of the new requirement is to insure that each trip for which a claim is filed is related to the primary function assigned to each agency. Although it need not be long, the statement must be rather precise.

Examples of acceptable statements offered by Nelson are: "to attend quarterly meeting of an agricultural association," "to accompany students on a field trip," "to expedite processing of a contract necessary because of time involved," "to attend a meeting called by the Chancellor's Office, California State Colleges," and "to select war surplus materials."

#### ENDOWMENT FOR HUMANITIES PROPOSALS DUE IN MID-NOVEMBER

Deadline date for proposals for several programs of the National Endowment for the Humanities is Nov. 17, 1969. Funds are available to support four different types of projects and programs, according to George Clucas (Director of Research and Development). They are:

1. Project grants to carry out humanities education, hold conferences, develop teaching materials, etc.
2. Public programs to make humanities knowledge and insights more available to the general public.
3. Research grants up to \$10,000 for the advancement and dissemination of knowledge and the development of research capabilities in the humanities.
4. Fellowships to help humanists progress in their research and develop their competencies as teachers and scholars.

Dr. Clucas said further details on the programs are contained in the booklet "National Endowment for the Humanities, Program Information for Applicants 1969-70," which may be obtained by contacting his office, Adm-309, 546-2630.

#### GATHERINGS OF FACULTY CHRISTIAN FELLOWSHIP WILL BEGIN FRIDAY

The Faculty Christian Fellowship of Cal Poly will meet every week, starting Friday (Oct. 3), at 12 noon in Sci-D-37, according to Robert Rodin (Biological Sciences Department). All members of the faculty and staff of the college are invited to bring their lunches and join in discussion of topics of interest to Christians. Those wishing to learn more about the meetings are invited to contact Dr. Rodin by telephoning 546-2192.



COMING EVENTS -- COMING EVENTS -- COMING EVENTS

Books at High Noon Luncheon -- Tuesday, Sept. 30, 12 noon, Staff Dining Room. Ena Marston will review The American Heritage Dictionary. Public invited.

Cal Poly Staff Club Luncheon -- Thursday, Oct. 2, 12 noon, Staff Dining Room. Head Football Coach Joe Harper will speak on the Mustang's 1969 grid season. Faculty and staff invited.

Air Pollution Lecture -- Thursday, Oct. 2, 7:30 p.m., Science Building Room E-27. Popular lecture on air pollution by Dr. I. J. Wilk of Stanford, Calif.; sponsored by student chapter of the American Chemical Society. Public invited.

Varsity Soccer -- Saturday, Oct. 4, 2 p.m., Athletic Field adjacent to Men's Gymnasium. Cal Poly vs. Woodbury College. Public invited.

Pop Concert -- Friday, Oct. 3, 8 p.m., Men's Gymnasium. Concert featuring Kenny Rogers and the First Edition, and the Craig Hundley Trio; sponsored by the Associated Students, Inc., College Program Assemblies Committee. Tickets - students, bleachers \$2, chairs \$3; general admission, bleachers \$2.50, chairs \$3.50.

Freshman Football -- Friday, Oct. 3, 8 p.m., Mustang Stadium. Cal Poly Colts vs. Cuesta College. Tickets, \$1 for general admission, \$.50 for students and children.

Cal Poly Women's Club Annual Fall Tea -- Saturday, Oct. 4, 2 p.m., Staff Dining Room. Annual Fall Tea for members and newcomers who wish to join the Cal Poly Women's Club. Members and guests invited.

Varsity Football -- Saturday, Oct. 4, 7:30 p.m., Mustang Stadium. Cal Poly vs. Boise (Ida.) State College. Tickets, \$3.50 reserved, \$2.50 general, \$1 students, and \$.50 children.

Cal Poly Women's Club Hospital Auxiliary Meeting -- Monday, Oct. 6, 11 a.m., Student Health Center. Members invited.

Cal Poly Women's Club Bridge Section Meeting -- Monday, Oct. 6, 8 p.m., Dexter Library Room 129. Members invited.

Cal Poly Women's Club Walking Section -- Tuesday, Oct. 7, 9 a.m., Parking Lot on Palm between Chorro and Morro, San Luis Obispo. Meeting for tour of Old Town San Luis Obispo and Mission area. Members invited.

Cal Poly Women's Club Sewing Section Meeting -- Tuesday, Oct. 7, 2 p.m., 289 Westmont, San Luis Obispo. Regular meeting of the section in home of Mrs. Richard I. Leach. Members invited.

Varsity Water Polo -- Friday, Oct. 10, 8 p.m., Pool adjacent to Men's Gymnasium. Cal Poly vs. California State Polytechnic College at Pomona. Public invited.

Journalism Workshop -- Saturday, Oct. 11, all day, Graphic Arts Building. Workshop on journalism for junior college students from throughout Central California; sponsored by Cal Poly's Journalism Department. By reservation.

Varsity Football -- Saturday, Oct. 11, 7:30 p.m., Mustang Stadium. Cal Poly vs. Simon Fraser University of British Columbia. Tickets, \$3.50 reserved, \$2.50 general, \$1 students, \$.50 children.



WHO . . . WHAT . . . WHEN . . . WHERE ? ? ?

Richard C. Carlston (Welding and Metallurgical Engineering Department) has been appointed to the Long Range Planning Committee of the Santa Clara Valley Chapter of the American Society for Metals. A member of the School of Engineering and Technology faculty since 1958, Dr. Carlston is a former member of the faculty of the Naval Postgraduate School in Monterey, and American University and has considerable experience as an engineer, physicist, and chemist in industry.

Douglas D. Donaldson (Biological Sciences Department) delivered a paper titled "Effect on Lesser Prairie Chickens of Brush Control in Western Oklahoma" during the eighth conference of the Prairie Grouse Technical Council, Sept. 10, in Woodward, Okla. Dr. Donaldson was also involved in leading delegates for the conference from throughout the Central U.S. and Canada on a field trip through representative Lesser Prairie Chicken range in the sand-sagebrush and shinnery oak grasslands of the Southern Great Plains.

Kenneth G. Fuller (Computer Science and Statistics Department) participated in the 129th annual meeting of the American Statistical Association which took place in New York, N.Y., late in August. Dr. Fuller, a member of the Cal Poly faculty since 1960, formerly taught at the U.S. Military Academy and at colleges and universities in the New England and Atlantic Coast States.

Joseph C. Calhoun, Mrs. Mary D. Sweet, Thomas L. Richards, and Philip S. Bailey, Jr., all members of the School of Applied Sciences faculty, have recently been notified of completion of all requirements for the Doctor of Philosophy Degree. Dr. Calhoun (Physics Department) received his degree from University of Wisconsin, while that of Dr. Sweet (Computer Science and Statistics Department) was from University of Missouri, that of Dr. Richards (Biological Sciences Department) was from University of Maine, and that of Dr. Bailey (Chemistry Department) was from Purdue University.

Edward O. Stoffel (Mechanical Engineering Department) attended the 11th National Heat Transfer Conference held in Minneapolis, Minn., last month. Over 100 professional papers were presented to delegates during the four-day gathering. While in that area, Stoffel also visited several industrial concerns and the Heat Transfer Laboratories of the University of Minnesota.

Richard J. Krejsa (Biological Sciences Department) was guest speaker before a luncheon meeting of the daytime Lions Club of San Luis Obispo, held late last month at the Madonna Inn. Dr. Krejsa spoke on problems of communication within and between cells, tissues, and people. His remarks were titled "A Biologist's View of Cancer."

ACADEMIC SENATE PERSONNEL POLICY COMMITTEE SLATES REGULAR MEETINGS

Regular meetings that will be open to members of the Cal Poly faculty have been scheduled for Wednesdays starting tomorrow (Wednesday, Oct. 1) by the Personnel Policies Committee of the college Academic Senate. According to Dr. Arthur D. Rosen (Physics Department), who is chairman of the group, the meetings are scheduled for 2 p.m., in Sci-D-37, each Wednesday during the remainder of the Fall Quarter.



27 ON CAL POLY SUPPORT STAFF RECEIVE PROMOTIONS

Twenty-seven members of the college support have been notified recently of their promotion to higher level positions, according to Milton Piuma (Staff Personnel Officer). With the school or division of their assignment, department, and new classification listed, they are:

School of Agriculture

Mrs. Nancy Brady, Soil Sciences	Departmental Secretary I
Mrs. Barbara Michel, Vet Sci, Food Ind., DM	Departmental Secretary I
Mrs. Cheryl Swenson, Agricultural Education	Departmental Secretary I

School of Applied Arts

Jan Gould, Audio-Visual	Technical Assistant II
Joyce Kombrink, Physical Education	Departmental Secretary I
Barbara Whitfield, Speech	Departmental Secretary I

School of Applied Sciences

Mrs. Margaret Betts, Mathematics	Departmental Secretary I
Mrs. Evelyn Cline, Computer Science & Statistics	Departmental Secretary I
Mrs. Gwendolyn Lighthall, Library	Library Assistant II
Mrs. Helen Waring, Library	Senior Account Clerk

School of Engineering and Technology

Mrs. Joanna DeRosier, Dean's Office	Secretary
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Business Affairs Division

Joe Betschart, General Office	Mail Clerk
Carl Carlson, Plant Operations	Stationary Fireman
John Dyer, Plant Operations	Supervising Custodian I
Bob Escobedo, Grounds	Groundsman
Mrs. Norma Fitton, Plant Operations	Clerical Assistant II
Ferd Herriman, Grounds	Lead Groundsman
Hurlen Merriman, Plant Operations	Stationary Fireman
Ray Morton, Purchasing	Procurement and Support
	Services Officer III
Ken Page, Plant Operations	Building Maintenance Man
Al Righetti, Security	Campus Security Officer
Art Thorn, Grounds	Automotive Equipment Operator
Herman Vandenhoff, General Office	Duplicating Machine Supervisor II

Student Affairs Division

Mrs. Vada Buckley, Records	Senior Clerk
Mrs. Gail Hennigan, Health Center	Clerical Assistant II-A
John Lucin, Activities	Student Affairs Assistant II
Mrs. Valdora Myers, Health Center	Clerical Assistant II-B



EXERCISE, MODERN DANCE ACTIVITIES FOR WOMEN ANNOUNCED BY P E DEPARTMENT

Two activity programs for women who are members of the college faculty and staff or wives of faculty and staff have been announced by the Physical Education Department. The exercise and conditioning program for faculty and staff members will take place on Wednesdays from 5 to 6 p.m., in Crandall Gymnasium Annex Room 6, beginning Oct. 8, and the modern dance program, which is open to feminine faculty and staff, as well as the wives of faculty and staff, is scheduled for 7 to 9 p.m., in the same location, beginning Monday (Oct. 6).

In both cases, participants will be required to provide their own clothing. For the exercise and conditioning program, which will be conducted by Evelyn Pellaton (Physical Education Department), leotards, shorts, or slacks are suggested. Casual dress is suggested by Moon Ja Minn (also Physical Education Department), who will conduct the modern dance activity, for the initial meeting. Leotards, shorts, or slacks will be appropriate for ensuing meetings of the dance group.

NEW RANGELAND WILL PROVIDE NEW ENTERPRISE OPPORTUNITIES

Cal Poly animal husbandry students will have an opportunity to gain management experience with range sheep as the result of development of additional sheep rangeland. Richard Birkett (Animal Husbandry Department), who is in charge of sheep programs, says the nucleus of a range sheep flock has been acquired.

One hundred white-faced ewes from Idaho now are on the campus. They are a Rambouillet-Columbia-Targhee cross. The flock eventually will contain 250 ewes. A former beef range is being converted into sheeplands. This development is possible because of the addition of 1,700 acres of rangeland acquired from Camp San Luis Obispo in 1968.

In the spring quarter, the department will have sufficient sheep, and work on the conversion of the rangeland will have progressed to the point where the first students will be able to undertake management of groups of 50 range ewes. As planned, the students will assume management of the sheep in the spring and will continue to manage the sheep until the following spring. The experience will be carried out under the enterprise program which augments formal instructional programs in agriculture at Cal Poly.

Birkett explains under the enterprise program, students purchase or lease livestock, make the management decisions under the guidance of a faculty member, provide the labor, and share in the profits from the program. As outlined in the range sheep program, students would lease the ewes. The lamb crop would belong to the students. Birkett says the new range ewe program will benefit all students in the sheep classes in that it will enable them to observe a typical range sheep operation at all seasons of the year. The ewes also will be a source of data for senior projects and for master degree research projects.

Work already has been completed on converting 95 acres of former beef land at the Serrano Ranch, northeast of the main campus area, into sheep pastures. Students already have had an opportunity to participate in designing the conversion of a beef barn to one which would serve sheep. Additional water supplies have been developed to serve the pastures.

The Serrano Ranch is a 900-acre property acquired by the college in 1941 as beef rangeland. Only a portion of the property will be converted to sheep range. A faculty member and a student reside at the site to provide on-the-spot supervision of the sheep flock.



FOLK, ROCK, AND JAZZ CONCERT SLATED FOR MEN'S GYM

Two popular music groups -- one, a folk and rock group, and the other, a jazz trio -- will perform at the same concert on campus Friday (Oct. 3). Set for a performance in the Men's Gym are the pop group, Kenny Rogers and the First Edition, and the jazz group, the Craig Hundley Trio. Curtain time will be 8 p.m.

The First Edition and its new leader, Kenny Rogers, specialize in folk music, blues, jazz, hard rock, and country music. Mary Arnold does the singing chores for the group. She brings to the First Edition a classically trained voice. Before joining the group, Miss Arnold sang with the Young Americans.

Appearing with the First Edition is the Craig Hundley Trio. The trio has several appearances on national television and a best-selling record to its credit. Pianist Hundley, bassist Wilford Chapron, and drummer Gary Chase have won the praise of critics. Newsweek magazine said of the group, "the virtuosity of the Craig Hundley Trio . . . provokes standing ovations." The surprise is that Hundley is 15 years old. His performing partners, Chapron and Chase, are 16 and 15 respectively. The trio's repertoire runs from a jazzed-up version of Chopin's "Nocturne" to the modern "Elinore Rigby."

Tickets for the concert are available at the Associated Students Office on campus and at Ogden's Stationers and Brown's Music in San Luis Obispo. They will also be sold at the door. Admission for Cal Poly students is \$2 for bleacher seats and \$3 for chairs. Admission for the general public is \$2.50 for bleacher seats and \$3.50 for chairs.

BONDS FOR PURCHASE OF COLLEGE SITE BOUGHT BY KAISER AETNA

Chancellor of The California State Colleges Glenn S. Dumke last week announced acceptance by Kaiser Aetna, purchaser of the Berylwood Investment Company, of \$2.8 million in state general obligation bonds for a Ventura County site for a new state college.

The acquisition will complete the advanced site acquisition program authorized by the Legislature in 1966. The program will save the taxpayer thousands of dollars since purchases have been made in counties where land values are rising at an accelerated pace, Dr. Dumke said.

The 428-acre site, north of Los Angeles Ave. between Price Rd. and Aggen Rd, was selected in April, 1967, by the CSC Board of Trustees.

SEPT. 30 PROGRAM WILL BE LAST UNTIL OCT. 21 FOR "BOOKS AT HIGH NOON" SERIES

Interest in games connected with the major league baseball divisional playoffs and the 1969 World Series will preclude the Books at High Noon luncheon programs for the next two weeks, according to Ena Marston (English Department). Miss Marston, who heads up the weekly luncheon series, said this week the next program after that planned for today (Tuesday, Sept. 30) is scheduled for Oct. 21.

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