MUSTANG FOOTBALLERS TOP FRESNO STATE, PREPARE FOR LEAGUE OPENER

With the first victory over a Fresno State College grid team in 11 years under their belt, Head Football Coach Joe Harper, his coaching staff, and the Mustang varsity are in the midst of preparation for their California Collegiate Athletic Association opener against San Fernando Valley State College. The game is slated for 8 p.m., Saturday (Oct. 25), in the stadium at Birmingham High School in Van Nuys.

The Mustangs' gridiron victory over Fresno State's Bulldogs was a classic of rugged defensive play and offense. With quarterbacks Gary Abate and Don Milan, along with tailbacks Joe Acosta and Joe Nigos, providing the offensive thrust, the Cal Poly 11 rolled up 358 yards on offense. A 58-yard pass-run play from Milan to wide receiver Jim Edmondson midway in the final quarter provided the margin of victory. On defense, safety John Silverman and linemen Dennis Petracek, Mark Sindel, and Don Svercek were standouts.

Saturday night's encounter with San Fernando Valley State will be another test of the Mustangs, who will go into action with an impressive 4-1 won-lost mark at 4.3.4 point-per-game scoring average. The SFVSC 11 owns a 2-2 record which includes wins over nationally ranked Sacramento State College and California State College at Long Beach. Victory over Valley State is important to the Cal Poly team if it is to be successful in its quest of the CCAA crown and a post-season bowl game bid.

The lone event on the campus sports calendar for this week is a soccer match tomorrow (Wednesday, Oct. 22), which will see Coach Mike Cirovic's kickers host University of California at Los Angeles. Starting time for the game, which is scheduled for the Athletic Field near the Men's Gymnasium, will be 1 p.m.

CAL POLY BRONC BUSTERS WIN OPENING RODEO OF 1969-70

Cal Poly's men's and women's rodeo teams tallied commanding scores to capture top honors in the first National Intercollegiate Rodeo Association competition at Redding last Saturday and Sunday (Oct. 18 and 19). The men's team scored 650 points, the women's team, 250 points.

The men's team of Cal Poly, Pomona, placed second with a score of 75 points and the men's team of the University of Arizona at Tucson placed third with 70 points. University of Arizona's women's team was second with 190 points and Pierce College's women's team was third with 130 points.

Melvin Dick, a 21-year-old Lakeview, Ore., member of the Cal Poly team was the all-around cowboy. Cindy Goodman of the University of Arizona was the all-around cowgirl. In addition, Cal Poly men's team members were the winners of four of the six men's events. A Cal Poly rider, entered unattached, won a fifth event.
SURVEY OF EMPLOYMENT OPPORTUNITIES FOR YOUTH BEGUN BY CAL POLY STUDENTS

Eleven Cal Poly graduate students in education have begun a community study that could result in improved employment opportunities for young people who are seeking employment for the first time. The graduate students, all members of a course in occupational, educational and community information being offered by the Education Department under the teaching of Harry H. Scales, began their visits of representative governmental agencies and service, retail trade, construction, and agriculture businesses in San Luis Obispo last week.

Purpose of the study is twofold, according to Dr. Scales, who is also a vocational consultant for the Federal Social Security Administration's Bureau of Hearings and Appeals. He said the students would gain valuable experience from their participation in the kind of survey and evaluation they will be faced with when they become high school counselors.

The resulting information will be compiled and made available to counselors in this area who are helping high school graduates, as well as those who drop out of school, obtain full-time employment, Dr. Scales said. He pointed out that the study, which should be completed by November, would include elements such as physical requirements and working conditions on available jobs. These are considerations that are frequently overlooked in such surveys.

Members of the class who are conducting the survey, first by telephone and then by personal interviews with representatives of the selected employing agencies and businesses, are William Allen, Daniel Buckley, Florris Drury, John Gardner, Nelson Haldane, Harold Helderbrand, Robert Mercer, Leland Swanson, Wey Thomas, Lois Thompson, and Frank Zern.

NEW FOLDER ON AGRICULTURAL FINANCE PUBLISHED BY COLLEGE

A new publication in the field of agricultural finance has been issued by Cal Poly. Titled "Opportunities in Agricultural Finance," the illustrated brochure is being sent to high school and junior college counselors and vocational agricultural instructors in California and is available to interested students and teachers, from the Agricultural Management Department, which offers majors in agricultural business management and farm management.

The brochure describes the role of finance in agriculture, identifies unique factors in agricultural lending and lists career opportunities available for students who qualify themselves in the area of agricultural finance. It was prepared by Jack Abel, a 21-year-old senior from Rio Vista, in cooperation with the Audio-Visual Department. Among those shown in the brochure's photographs are Abel, Charles Rayl of the Wells Fargo Bank Sacramento main office and Robert Longatti of the Wells Fargo Arden Fair branch. Both Rayl and Longatti are Cal Poly graduates. Printing of the new brochure was made possible by a grant from Wells Fargo Bank.

Students enrolled in Cal Poly's agricultural business management major who intend to specialize in agricultural finance, study such courses as farm appraisal, business law, financial management, cost accounting, world economics, business data processing, and money, banking, and credit.
AFRICAN NATIONS BENEFIT FROM CAL POLY/A I D EFFORT

Three tiny nations engulfed by the Union of South Africa have become the focal point of a Cal Poly project in international education. A six-man team is helping to initiate new programs in the University of Botswana, Lesotho and Swaziland -- a joint venture of the three independent nations. The project is carried out by Cal Poly under a contract with the Agency for International Development of the U.S. Department of State.

The team is headed by Dr. James A. Langford, who is on leave from his assignment as a member of the Education Department faculty. Dr. Langford and Malcolm W. Wilson, also on leave from the Education Department, are stationed at the campus in Botswana. Ralph Collins, also a member of the Education Department faculty, and G. Patrick Cline, who has been a foreign student counselor at California State College at Fullerton and Fresno State College, are in Lesotho. Jerald B. Crews, a former vocational agriculture instructor and soil conservationist who is a Cal Poly alumnus, is en route to join LaVerne Bucy, who is on leave from the Animal Husbandry Department in Swaziland.

The African university operates campuses in each of the independent nations. Botswana, largest of the nations, has an area of 231,804 square miles and a population of 593,000. A pastoral country, it exports meat, live cattle, hides and skins. Botswana also has gold and silver ores. Lesotho, 11,720 square miles, supports a population of 885,000. It depends upon agricultural products for its export trade, principally corn, wheat, sorghum, sheep, wool, mohair, and cattle. The smallest of the nations, Swaziland occupies 6,704 square miles and has a population of 385,000. It depends upon exports of sugar, timber, asbestos, and iron ore.

The Cal Poly team will work with both English educators and native faculty members in the development of the programs.

DEADLINES FOR RESEARCH, EXCHANGE, INSTITUTE GRANTS LISTED

Deadlines for three different grant programs have been listed by George Clucas (Director of Research and Development). In each case, information about the program is available and may be obtained by contacting the Research and Development Office, Adm-307, 546-2630 and asking for the listed folder number. The programs are:


In-Service Institutes for Teachers of Science and Math - The National Science Foundation is accepting applications for in-service institutes. The deadline for submission of such applications for proposals to the Division of Pre-College Science is Dec. 15, 1969. Ask for NSF 66-22 and NSF 69-21.
APPOINTMENTS TO STUDENT ACTIVITY PROGRAM GROUPS ANNOUNCED BY PRESIDENT KENNEDY

Appointment of 10 members of the college teaching and administrative faculty as his representatives on various student activity committees, councils, and boards has been announced by President Robert E. Kennedy. All named to serve during the 1969-70 academic year, those appointed, along with group on which they will serve, are:

Student Affairs Council - Robert M. Bostrom, director of housing
Student Executive Council - Donald M. Coats, associate dean, educational services
Summer Interim Committee - Robert M. Bostrom, director of housing
Advisory Commission - Harold O. Wilson, administrative vice president
Board of Athletic Control - Richard A. Pimentel, Biological Sciences Department, and Roger S. Bailey, Art Department
College Program Board - Eugene A. Rittenhouse, director of placement and financial aids
Music Board of Control - Richard E. Hall, Engineering Technology Department
Poly Royal Board - Duane O. Seaberg, Agricultural Management Department, and Oswald Falkenstern, Mathematics Department
Board of Publications - Loren L. Nicholson, Journalism Department.

Seaberg's appointment to the Poly Royal Board post was a replacement for Anthony J. Amato, who is on sabbatical leave from his duties as a member of the Ornamental Horticulture Department faculty.

STUDENT CAST PREPARES "R.U.R." PERFORMANCES FOR OCT. 31, NOV. 1

A cast of 13 students is preparing Karel Capek's play R.U.R. for two performances Oct. 31 and Nov. 1. Curtain time is 8:30 p.m., both nights in the Cal Poly Theater.

The play -- a student production sponsored by the Associated Students' College Program Drama Committee -- is directed by Carl Daughters, an industrial technology major from San Luis Obispo. Advisor for the production is Murray Smith (Speech Department).

Capek's play -- three acts long -- takes place in the future and deals with a society that manufactures human-like robot workers. The play's title R.U.R. refers to the concern that produces the automatons -- Rossum's Universal Robots. The climax comes when a group of educated robots stage a revolt.

Smith says that season tickets which are good for all Cal Poly dramatic productions during the 1969-70 academic year will be available at the door. Prices are $1.50 for general public and $1 for students.

COLLEGE AND UNIVERSITY ADMINISTRATIVE POSITION AVAILABLE

Information on the college and/or university administrative position listed below is available in the Placement Office, Adm-213, 546-2501, for those who are interested in obtaining it:

Los Angeles Trade-Technical College - President, salary $1,727-$2,155 per four-week pay period.
COMING EVENTS -- COMING EVENTS -- COMING EVENTS


CSEA Luncheon Meeting -- Wednesday, Oct. 22, 12 noon, Staff Dining Room. Milton Scott, a counselor on the San Luis Obispo County Schools staff, will address a postponed luncheon program of Cal Poly Chapter 97 of the California State Employees Association, which had originally been scheduled for last week. Faculty and staff invited.


Cal Poly Women's Club Newcomers Section -- Wednesday, Oct. 22, 8 p.m., Dexter Library Room 129. Members invited.

Agriculture Committee Meetings -- Thursday, Oct. 23, all day. Meetings of Senate Committee on Agriculture for the purpose of reviewing agriculture construction projects on campus; hosted by School of Agriculture.

Cal Poly Women's Club Book and Music Section -- Thursday, Oct. 23, 9:45 a.m., 2422 Parkland Terr., San Luis Obispo. Book review by Mrs. Ruben Greffenius during the regular meeting in the home of Mrs. Emmett Bloom. Members invited.

Pancake Breakfast -- Saturday, Oct. 25, 8 a.m. to 1 p.m., Poly Grove. Pancake breakfast sponsored by Poly Goats 4-Wheel Drive Club. Tickets, 75 cents.

Intercollegiate Horse Show -- Sunday, Oct. 26, 9 a.m., Collett Arena. Horse show for riders from colleges and universities throughout Central California; sponsored by Cal Poly Cutting and Reining Club. Public invited.

Cal Poly Women's Club Walking Section -- Tuesday, Oct. 28, 9 a.m., Williams Brothers Market parking lot, Lower Higuera St., San Luis Obispo. Meeting for walking visit of San Luis Obispo's Old Town No. 2, South St. area. Members invited.


Pop Concert -- Wednesday, Oct. 29, 8 p.m., Men's Gymnasium. Concert by popular recording groups, Harpers Bizarre and Big Foot; sponsored by Associated Students, Inc., College Program Board Assembly Committee and Homecoming Committee. Tickets - public, $3 advance and $3.50 at door; Cal Poly students, $2 advance and $2.50 at door.

Sigma Xi Dinner Meeting -- Thursday, Oct. 30, 6 p.m., Staff Dining Room. Dinner meeting of Cal Poly chapter of Society of Sigma Xi honoring national lecturer Dr. David Luck. Reservations required, tickets $3.50.

(Continued on Page 6)
CAL POLY STUDENTS FEATURED ON TELEVISION "BULL SESSION"

Five Cal Poly students are featured in two television programs being viewed on the central coast. The programs, entitled "Bull Session," are being seen by viewers of KSBW (Salinas) and KSBY (San Luis Obispo) this fall. The five students speak out about Cal Poly student-teacher relationships, community involvement, student attitudes toward the draft, Vietnam, the meaning of an education, and their hopes and concerns.

William Parker, formerly of the University of Redlands, is moderator of the programs, which were produced for the Central California Communications Corporation by Bill West of KSBW. The first showing was Sunday (Oct. 19) and the second will be Nov. 9 at about 4:30 p.m., following the nationally televised football game. Viewers should check local television schedules for the exact time.

Participating in the programs are Paul D. Ilanke, a 20-year-old agricultural business management major from Livermore; Ruth Hawthorne, a 22-year-old senior home economics major from Inglewood; Kenneth Morrison, a 22-year-old fifth-year architecture major from Yuba City; Diane L. Reich, a 20-year-old physical education major from Van Nuys; and John A. Cramer, a 20-year-old junior electronic engineering major from Visalia.

COMING EVENTS (Continued from Page 5)

Sigma Xi Lecture -- Thursday, Oct. 30, 7:30 p.m., Agricultural Engineering Building Room 123. Lecture on "Mitochondria in Growing Cells" by Dr. David Luck; sponsored by Cal Poly chapter of Society of Sigma Xi. Public invited.


College Program Drama -- Friday and Saturday, Oct. 31 and Nov. 1, 8:30 p.m., Cal Poly Theater. Production of Karel Capek's three-act drama R.U.R. produced by College Program Board Drama Committee. Season Tickets, $1.50 general admission, $1 for students.

Homecoming -- Saturday, Nov. 1, all day. Varied events observing Cal Poly's 63rd annual Homecoming of alumni and former students; sponsored by Associated Students, Inc., and Cal Poly Alumni Association. See detailed schedule of events for information on specific activities.


Varsity Soccer -- Saturday, Nov. 1, 1 p.m., Athletic Field near Men's Gymnasium. Cal Poly vs. Loyola University. Public invited.

Varsity Football -- Saturday, Nov. 1, 1:30 p.m., Mustang Stadium. Cal Poly vs. California State College at Long Beach. Tickets, $3.50 reserved, $2.50 general admission, $1 students, 50 cents children.
TRUSTEE COMMITTEES RECOMMEND $335.6 MILLION BUDGET FOR 1969-70

The Board of Trustees of The California State Colleges last week recommended a $335.6 million support budget for 1970-71, and at the same time agreed to submit to the state director of finance a program based on an initial allocation of $265.3 million, with supplemental requests.

The Committees on Finance, Educational Policy and Faculty and Staff Affairs, acting on behalf of the board, resolved that the $335.6 million is the minimum needed to provide for full enrollment consistent with the maintenance and improvement of academic quality.

But the board, acting in compliance with the requirements of the director of finance, also authorized Chancellor Glenn S. Dumke to submit a $265.3 million program with supplements listed in order of priority which would bring that base up to $335.6 million.

The board further resolved that in submitting a $265.3 million program and supplements, the Chancellor should give priority to the maintenance and continued improvement of academic quality, and that "highest priorities should be based on the principle that every effort be made to maintain and improve existing standards in faculty workload, benefits, and recognition, and in the area of student services and administration." It also recommended that high priority be given to improvement of automatic data processing capability as necessary to the operation and management of the colleges.

150 EXPECTED TO ATTEND SHADE TREE CONFERENCE MEETINGS ON CAMPUS

Some 150 persons from throughout California are expected to attend the regional meeting of the Western Chapter of the International Shade Tree Conference, which will take place Friday and Saturday (Oct. 24-25) on campus. Friday sessions of the gathering are planned for AgEngr-123 and the Saturday sessions, for Poly Grove.

Scheduled during the two-day meeting, according to Howard C. Brown, head of Cal Poly's Ornamental Horticulture Department, which is hosting the event, are talks and discussions on a variety of topics connected with trees and their use in providing shade, and demonstrations and displays of new equipment used in that field.

In addition to welcoming remarks to be given by President Robert E. Kennedy, two other activities involving members of the Cal Poly faculty are planned, according to Dr. Brown. E. Ray Houston will conduct a climbing demonstration and Winton "Woody" Frey will lead a tour of the Campus Tree Walk.

C S E A SLATES DRAWING FOR RAMS-49'ERS GRID CONTEST TICKETS

Members of Cal Poly Chapter 97 of the California State Employees Association have a chance to earn two tickets to the Nov. 9 Los Angeles Rams-San Francisco 49'ers football game in Los Angeles. Any CSEA member who enrolls a new member will be included in a drawing which will select the winner of the two tickets. The contest is open to all chapters of CSEA Region XVII. Chapter presidents have the details.
C S C FROSH TOP OTHER FIRST-YEAR STUDENTS IN U.S.

Freshmen in the California State Colleges generally equal or exceed high school grade-point averages and admission test scores of freshmen in American universities, according to Chancellor of the California State Colleges Glenn S. Dumke, who announced results of studies based on comparisons of first-year students enrolling in the nation's colleges and universities in the fall of 1968.

The findings of the CSC Division of Institutional Research study show the mean high school grade-point average of first-time freshmen entering state colleges to be 2.87 in English, mathematics, natural sciences, and social studies. National norms, according to the U.S. Office of Education, are 2.58 for colleges and universities comparable in academic scope to the California State Colleges, and 2.76 in universities offering doctor of philosophy or equivalent degrees.

Basis for the study were scores of the American College Test (ACT) taken by 19,856 freshmen who enrolled at 13 of the 18 state college campuses that were in operation during 1968-69. The Scholastic Aptitude Test is the preferred test for admission to Cal Poly, but ACT scores are acceptable.

A I D - UNITED GIVERS DRIVE CONTINUES ON CAMPUS

Some 150 campus captains are involved in the 1969 Associated In-group Donors-United Givers Drive which began last week and will continue through Oct. 31. The campus captains are contacting every Cal Poly employee, including both those who work for the State of California and those who are Cal Poly Foundation employees, according to Milton Piuma (Staff Personnel Officer), who is coordinating the campus effort.

The campus captains are being urged to make their contacts with the persons assigned to them as early as possible, Piuma said. At the conclusion of the campaign all captains should return their reports along with pledge cards and cash donations to the Personnel Office, Adm-111. This should be done on or prior to Oct. 30, Piuma concluded.

OFFICIAL MAIL FOR STUDENTS BEING DELIVERED TO RESIDENCE HALLS

Campus mail service has been extended to all residence halls located on campus, according to information received from Mrs. Lucy Schmidt (Supervisor, General Office), who is requesting the assistance of members of the faculty and staff in properly identifying mail intended for delivery to students.

Mrs. Schmidt requested that college mail for students be placed in Interdepartmental Mail envelopes, or that regular business envelopes bearing the indication "campus" in the upper right corners be used. Doing so will prevent such mail being metered and becoming a charge against the college postage budget funds.

In further explanation of the new system, which is a result of closure of the campus Post Office that had been located on College Avenue across from Mustang Stadium, Mrs. Schmidt said the U.S. Post Office in San Luis Obispo is now delivering U.S. mail directly to the residence halls for distribution to students.
1969 CAL POLY HOMECOMING AND RELATED EVENTS ANNOUNCED

The schedule of events related to Cal Poly's 63rd annual Homecoming, which is slated for Nov. 1, has been announced by the Homecoming Committee of the Associated Students, Inc., and the Cal Poly Alumni Association, the groups which join to plan and stage the annual observance.

Pop Concert -- Wednesday, Oct. 29, 8 p.m., Men's Gymnasium. Concert of popular recording groups, Harpers Bizarre and Big Foot. Tickets - public, $3 advance and $3.50 at door; Cal Poly students, $2 advance and $2.50 at door.

Bon Fire Pep Rally -- Friday, Oct. 31, 7:30 p.m., Field adjacent to Grand Ave. Parking Lot. Faculty, staff, and students invited.

Float Construction -- Friday, Oct. 31, 7 p.m. to midnight, Farm Shop Building. Construction of floats for Homecoming Parade. Public invited.

Homecoming Parade -- Saturday, Nov. 1, 10 a.m., Business District, San Luis Obispo. Public invited.

Alumni Registration -- Saturday, Nov. 1, 8 a.m. to 12 noon, Men's Gymnasium. Registration, coffee and donuts, and welcoming for honored guests and other alumni.

Queen's Luncheon -- Saturday, Nov. 1, 11:30 a.m., Staff Dining Room. Luncheon honoring 1969 Homecoming Queen and other honored guests. Tickets, $2.50.

Varsity Football -- Saturday, Nov. 1, 1:30 p.m., Mustang Stadium. Cal Poly vs. California State College at Long Beach. Tickets - $3.50 reserved, $2.50 general admission, $1 students, 50 cents children.

Alumni Banquet -- Saturday, Nov. 1, 8 p.m., Madonna Inn, San Luis Obispo. Dinner honoring Cal Poly's distinguished alumni of 1969 and other honored guests. Tickets $5.50.

Coronation Ball -- Saturday, Nov. 1, 9:30 p.m., Men's Gymnasium. Formal dance during which Cal Poly's 1969 Homecoming Queen will be crowned. Tickets $3 per couple.

Oldtimers Breakfast -- Sunday, Nov. 2, 8 a.m., Staff Dining Room. Breakfast for Cal Poly alumni and former students from 1903 to 1925 era. Tickets, $1.75.

Tickets for the Queen's Luncheon, the Alumni Banquet, and the Oldtimers Breakfast are all being sold at the Alumni Office, Adm-210A, and will also be available at those individual events. Tickets for the football game are on sale at the Associated Students, Inc., office located in the Temporary College Union, and at the regular off-campus ticket outlets. In addition to being on sale at the door, tickets for the Coronation Ball are presently being sold at the Associated Students, Inc., office.

To Faculty, Staff, Students:

Mrs. Kennedy and I wish to express our sincere appreciation to the scores of college organizations and individuals who sent sympathy cards and letters of condolence on the recent death of my mother.

Robert E. Kennedy
Articles by Allen W. Cobb and Norman L. Eatough (both Chemistry Department) have been published in national scientific journals in recent weeks. Dr. Cobb's article titled "Interfacial Effects Observed During the Freezing of Dilute Electrolytes in Water," appeared in the Journal of the Electro-chemical Society in June. Dr. Eatough's article was published in the July issue of Inorganic Chemistry under the title "High Pressure Syntheses of Rare Diantimonides."

Richard C. Wiley (Head of Welding and Metallurgical Engineering Department) and Harry H. Honegger (Welding and Metallurgical Engineering Department) presented a technical paper titled "Hard-facing Applications with Boron Containing Alloys" during the fall meeting of the American Welding Society, which took place Oct. 6, in New Orleans, La.

John W. Edmisten, Donald P. Grant, and Kenneth L. Haggard (all School of Architecture) participated in a meeting of the Planning and Conservation League held late last month in Santa Barbara under auspices of the University of California Extension Program.

Two graduate students, Ken Bos and Sharon Simmons, have been named recipients of $150 special scholarships made possible by the Pepsi Cola Bottling Company of San Luis Obispo. Both are currently working on studies leading to the Master of Science Degree in physical education. Bos, a two-time national champion at 177 pounds while a member of Cal Poly's two-time national champion wrestling team, is a native of Lakewood. Miss Simmons, whose parents live in Tustin, is presently a student teacher at Coast Union High School in Cambria.

J. Randell Evans and David R. Saveker (both School of Architecture) presented a joint paper titled "Design and Application of Structural Systems Employing Explosive Formed Elements" during the Architect-Researcher's Conference of the American Institute of Architects, which took place last Thursday and Friday (Oct. 16-17), in Houston, Tex.