

# El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE ★

VOL. XIX, NO. 44

EL MUSTANG

Thursday, July 3, 1958

Van Horn Trophy Winner

## Baseball, Football Player Is Year's Top Athlete

Lewis Gentry, senior physical education major from Coalinga, has been named the athlete of the year at Cal Poly. He will receive the Oscar Van Horn Memorial Trophy which has been presented since 1939. The trophy is named for Oscar Van Horn, a Cal Poly track star, who died in 1938. Gentry was selected by Poly coaches and allied personnel for his outstanding play as a member of Coach Roy "Silver Fox" Hughes' football squad and Bill Hicks' Mustang baseball team.

Gentry has lettered at end three years on the Green and Gold varsity and has won three athletic awards as a Mustang baseball player. The big standout was elected as the 1958 baseball captain and was a repeat choice as an All-CCAA rightfielder this past spring.

The E.C. Loomis award for the lineman of the year went to Gentry also, for his '57 end play on the Mustang varsity.

Previous Van Horn trophy winners include Stan Sheriff, former linebacker for the San Francisco 49ers and Perry Jeter, standout halfback for the Chicago Bears. Last year's winner was Eduardo Labastida, who won the National Collegiate 112-pound boxing title as a member of Tom Lee's boxing team.

A graduate of Coalinga high school, the 6-1, 200 pound Gentry is the son of Mr. and Mrs. Doyle Gentry, 260 East Darian St., Coalinga. The muscular athlete won an assortment of athletic awards in high school, ranging from track to football.

Gentry attended Coalinga Junior college prior to coming to Cal Poly. The handsome athlete won letters in football, basketball, and baseball.

Van Horn winners are: 1940-Herb Brownlee (track, football), 1941-John Mohrakov (football, baseball), 1942-Leroy Lieb (football, basketball), 1943-Roy Remmel (basketball), 1947-Jim Yates (football), 1948-Hank Moroski (basketball), 1949-Vern Bebernes (football, baseball), 1950-Marshall

Samuels (football, track), 1951-Jim Dowe (wrestling, football), 1952-Dona Sims (football, basketball, track), 1953-Jerry Neufeld (swimming, water polo), 1954-Sheriff (football), 1955-Bob Neal (football), 1946-Jeter (football, baseball), 1957-Eduardo Labastida (boxing).



**TOP ATHLETE**—Lewis Gentry, is a three year letterman in baseball and football, and winner of the Oscar Van Horn Trophy given to Cal Poly's outstanding athlete of the year.

## Attention Veterans

"Cal Vets who are attending summer classes and not using their G.I. training allowances may be losing money in the long-run," says Howard Barlow, officer in charge of the San Luis Obispo Veterans' Administration office.

Barlow emphasized that the training allowance should be used whenever possible so that the veteran will receive all or most of his entitlement. "Cal Vets may receive state benefits only after their federal allowance is exhausted," he continued.

Veterans are urged to contact the local V.A. office for additional information.

## Communications Course Brings Foreign Students

Basic techniques for use of sound trucks, posters, slides and moving pictures, newspapers and radio are under study by key agricultural students from eleven foreign countries at a U. S. D. A.-sponsored short course on the home campus of Cal Poly, here.

The students, drawn from various universities and colleges through the west, are from Spain, Indonesia, Libya, Philippines, Ethiopia, Ceylon, Pakistan, Thailand, Yugoslavia, Chile and Israel. Cal Poly faculty members from the agricultural journalism, farm management and audio-visual departments comprise the instructional staff.

Following a pilot study with which Cal Poly assisted last summer, a series of the intensive short courses is being conducted at three schools—one in the west, one in the mid-west and one in the east. Three more are scheduled for Cal Poly's summer quarter.

## Work Begins on Six New Cal Poly Dorms

Work on Cal Poly's six new, three story dorms will get under way this month. Actually, considering the storm drains, work has already begun. The storm drains will serve the new gym, cafeteria, music building, and Little Theatre, as well as the new \$8,615,000 dorms. Work is scheduled to be completed for the winter quarter of 1960. Harris Construction company of Fresno will build the modern all-brick residences.

In addition to these dorms, two others will be financed in the 1962-63 year and two more the following year.

The trailers at Silver City, where the new dorms will be built, have become the property of the contractors.

There will be no special parking facilities constructed for the new dorms. Present parking areas in the vicinity will be utilized.

## Water Safety Rules

This summer the beaches of San Luis Obispo County are again being crowded with sun and surf worshippers. A look at statistics will reveal from 5 to 10 accidental deaths due to drowning recorded in this county each year.

The needless waste of lives was due in most cases to carelessness and disrespect of basic water safety rules.

The Los Angeles City Recreation and Park Department outlines 12 water safety rules for Southland beaches. Coach Tom Lee of the Cal Poly P. E. Department confirms that all these rules apply also to this area. The rules are:

**DON'T** swim in unknown waters, look before you leap, and be sure there is a lifeguard close by.

**DON'T** acquire a quick tan, because of its painful and possible injurious results.

**DON'T** spoil your beach playground by throwing glass, tin cans, paper, or other refuse on it.

**DON'T** call for help unless you actually need it.

**DON'T** swim near riptides; lifeguards will tell you how to recognize these dangerous currents and how to combat them.

**DON'T** make long-distance swims unaccompanied by a strong swimmer or a boat. Don't take darts!

**DON'T** swim near piers or pilings; they cause dangerous currents and have sharp cutting edges and surfaces.

**DON'T** expect the lifeguard to be your baby-sitter. A life may be endangered thereby.

**DON'T** swim too soon after eating.

**DON'T** drink at the beach; salt water and alcohol don't mix.

**DON'T** overestimate your swimming ability, especially at the beginning of the season.

**DON'T** go to the assistance of a lifeguard unless he calls for help; he can handle the situation and may have to help you!

Coach Lee adds one more rule due to the extra coldness of the water in this area.

"DON'T over exert in cold water, you tire sooner than you think."

These water safety rules can be applied not only to the beaches but to any swimming and boating area as well.

## Summer Library Hours

The library will maintain its regular schedule throughout the summer sessions with the exception of Thursday evening, July 3 and Friday, July 4 at which time it will be closed.

A complete list of daily hours can be found on the main entrance door.

**Library hours**  
Mon. - Thurs. 7:45 a.m. to 5 p.m.  
7:00 p.m. to 10 p.m.  
Fri. 7:45 a.m. to 5:00 p.m.  
Sat. 7:45 a.m. to 12 Noon  
1:00 p.m. to 5:00 p.m.  
Sun. 7:00 p.m. to 10:00 p.m.

## "Don't Fence Us In" Southside Farms Sought For Agriculture Croplands

When Cal Poly was established in 1901, the state's legislature had a choice of two sites—one on fertile flatlands south of San Luis Obispo, the other in the Santa Lucia foothills to the north and west. History records the legislature chose the foothills because "if the students can learn to farm there they can farm anywhere."

Today, the school which has now grown to become fifth largest agricultural college in the nation (as well as one of the two largest undergraduate engineering schools in the west) had final steps under way for acquiring 800 level, fertile acres near the once-declined site.

Meeting recently at Cal Poly's home campus, the legislature's joint interim sub-committee on agriculture and livestock problems passed a bill to acquire 800-acre plots, then instructed Secretary Paul K. Huff to request the state department of finance to secure preliminary appraisals on three. Purchase of the land was funded in 1957.

All three are south of town, and owners include some of the oldest-established Swiss and Portuguese families in this mid-coast community. Two of the plots are adjacent to Highway 101 between San Luis Obispo and the coast; one is in the Corral de Piedra area, near the tiny Southern Pacific flagstop of Edna.

"Much of the limited level acreage on our 8,000-acre campus has been overrun by new building locations as Cal Poly developed," explains Dean of Agriculture Ward Shepard. "The modern complex of California agriculture, which places greater and greater importance on irrigation, and our student-project type of training where our students 'learn-by-doing' has brought a critical need for additional level croplands."

State Senator Tom Erwin of La Puente was chairman of the sub-committee which visited the sites and issued the appraisal request.



**SPIRIT OF '58!** Representing all the other more than 700 June graduates is J. Byron Culbertson, mathematics major, who now is an engineer at Bendin Aviation, North Hollywood. Less than a month ago, Byron, his wife and daughter, stood on the green turf of Mustang Stadium to share in the presentation of that precious bit of parchment—the Bachelor of Science degree. Now, they're members of Cal Poly's alumni family of more than 6,000. It also might be pointed out that the Culbertsons are members of a dwindling group—the married students. And here's a further note: National Alumni Sec-

## 5c Cup Gone

As of July 1, El Corral coffee has gone up to 10 cents per cup. The new price includes plastic-coated paper cups which can be discarded or taken home, and also covers a bevy of tablewashers who are scheduled to do away with dirty tables.

According to Duke Hill, manager of El Corral, coffee sold in regular cafeteria cups ran to a cost of 7 1/2 cents per cup, 3 cents over the sale price. Part of this expense included cup-washers, and due to the loss of money, no one could be employed to keep the tables clean and cleared off. "Since students often left used cups on the tables, we had problems when the students asked for clean tables," Hill said.

The situation was met by the raise in price, and now more students are employed for the purpose of keeping the tables clean than were previously used for washing cups, and, according to Hill, the net cost at present to El Corral is 6.4 cents per cup.

## December Tourney Highlights Mustang Basketball Schedule

The December 26-27-28 California winter classic at Santa Maria highlights the 20-game Cal Poly 1958-59 basketball schedule announced recently.

The Mustangs of Coach Ed Jorgensen are slated to participate against Kent State, University of Hawaii and the Santa Barbara Gauchos in the winter classic affair, which also includes tournament competition between four of California's top junior college fives. Joe White, athletic director of Kent State, said the game was a "must" for the jaycee clubs are Fullerton, Oakland, and East Contra Costa and Hancock.

Opening the '58-59 campaign at home, Dec. 8 against the San Diego Marines, the locals are also slated to enter the Dec. 4-5-6 Redlands Invitational Tourney.

A three-game northern jaunt is included in the forthcoming season's schedule. The trip begins Dec. 12 with Sacramento State and ends Monday, Dec. 15 against the Cal Aggies. A Dec. 18 contest with Chico State is sandwiched in-between.

Cellar dwellers in the CCAA saga race last season, Jorgensen's roundballers open conference play Jan. 9 against Long Beach State in Long Beach.

The schedule:		
Date	Opponent	Place
Dec. 8	San Diego Marines	Home
Dec. 9	Redlands Invitational	Away
Dec. 12	Sacramento State	Away
Dec. 13	Chico State	Away
Dec. 15	Cal Aggies	Away
Dec. 18	Winter Classic	S. M.
Dec. 26	San Francisco State	Away
Jan. 9	Cal Poly Alumni	Home
Jan. 10	Fullerton College	Home
Jan. 11	Long Beach State	Away
Jan. 12	San Diego State	Away
Jan. 13	Yosemite State	Home
Jan. 14	Whittier	Home
Jan. 15	Los Angeles State	Home
Jan. 16	UC, Santa Barbara	Away
Jan. 17	UC, Santa Barbara	Home
Jan. 18	UC, Santa Barbara	Home
Jan. 19	San Diego State	Home
Jan. 20	San Francisco State	Home
Jan. 21	UC, Santa Barbara	Away
Jan. 22	Whittier	Away
Jan. 23	Yosemite State	Away

retary Lee Bankoff, addressable at Cal Poly, welcomes the dues of all grads who wish to ally themselves with the national association.





**LEADERS**—Five California agricultural leaders were on Cal Poly's campus this past week to comprise a panel that discussed current problems for the California Agricultural Teachers convention. Above, left to right, they were, Carl Avrit, Chico dairyman; Eugene Boone, Modesto frozen foods operator; Bob Couchman, San Jose, publisher of "California Fruit News"; George Couper, moderator, special assistant to chief of the state bureau of agricultural education; Volney H. Craig, Jr., Ventura citrus grower; and Cyrille Faure, Porterville, stockman selected as one of this year's four outstanding young U.S. farmers. Modern agriculture has plenty of career opportunities for youth, they agreed. (Cal Poly Agricultural Journalism Photo by Geiger)

## Specialized Age Demands Early Student Counseling

The high school and junior college counselor is the first key to the recruitment of young people for modern agricultural careers, Dr. Howard A. Campion, associate superintendent for higher education in the Los Angeles public schools, told the thirty-ninth annual convention of the California Agricultural Teachers Association, meeting on the home campus of Cal Poly recently.

"Every high school and junior college counselor must recognize there are 'kinds' as well as 'degrees' of intelligence," Campion said, "and that there are in fact 'specialized intelligences'."

"In this fast-moving age—and agriculture is now faster-moving than either business or industry—counselors must keep up-to-date with occupations and their needs. If they know occupations and if they learn their students, they'll be at a place where agriculture will have no need to complain about the number or quality of students it obtains. When it comes to career opportunities—especially in this era of concern with sciences—you're in on the ground floor. Don't let it slip away from you."

Citing the numerous instances where modern education requires training in science and technology, Campion also urged that agriculture provide more and better training through general agriculture and extension programs.

"It may be treason to mention it at a vocational agriculture convention," he said, "but it is important that everyone in the United States have an opportunity to know something about agriculture—homeowners, home gardeners, the consumer—they're all involved with agriculture and we ought to have orientation courses in every school."

"Extension education is going to be more and more important, for much of our modern quickly-developing knowledge was not available when today's farmers were in school. And the era in which we live is going to put a greater and greater premium on adult education."

One of the "toughest things" agricultural education faces in attracting the gifted student, Campion told the teachers, is working out methods by which credit can be transferred from high school agriculture to the state university and state colleges.

"It's a ticklish thing," he admitted, "but many places have licked this without splitting themselves in the process and it should be one of the principle immediate jobs for administrators and agricultural teachers to tackle."

One of the weakest phases of the usual agricultural education program, he said, is that of public information.

"You aren't running this thing," Campion stressed. "The voters are

running it—the public—they are the stockholders. Do they know that agriculture is changing more rapidly than business or industry? Do they know that agriculture is the basic life science—the most scientific of all life sciences? Do they know that science has peaceful as well as warlike values?"

"If you can persuade the public of all these things, then you'll find that no school can avoid giving proper attention to agriculture. So I'd say that progress in agricultural education probably depends upon good public relations most of all."

### Dairying Is Changing; Specialized Industry

California will continue to have fewer and fewer dairy farms, the industry has become definitely specialized, it's no longer profitable to operate "sideline herds," there's no place for "absentee management" in modern dairying, and operating efficiency will determine the dairymen who prosper and those who fail.

These were the views of George S. Bulkley of Los Angeles, director of extension for the Carnation Company, and a speaker at the thirty-ninth annual convention of the California Agricultural Teachers Association on the home campus of California State Polytechnic College. He spoke on "The Changing Dairy Industry" and reviewed the National Dairy Science meeting just completed at North Carolina State College.

Some 400 agricultural teachers, representing high schools and junior colleges throughout the state, heard Bulkley stress that good management practices are the key to modern dairy profit.

"There aren't any great new discoveries on the current dairy scene," he said. "We're finding only a sure step-by-step improvement of fundamentals. And we're finding that our most serious dairy problem is economic. It boils down largely to sound herd management. Close supervision that gets the job done. Today's dairy is no place for absentee management."

**Protective Milk**  
Among "the improvements" he described, however, was "the developing theory of 'protective milk' which someday may turn the cow into a drug factory." Inoculation develops antibodies that have indicated protection against hay fever, rheumatoid arthritis and

(Cont. on page 4)

### Haley, Boyce, Berry Direct Activities For Fall Classes

Sophomore, junior, and senior class officers have been chosen for the fall term.

Senior class officers are as follows: president, Daniel Haley; vice-president, Marcia Will; secretary, Margaret McKnight; treasurer, Jacquelyn Estes, and SAC representative, Julie Pratt.

The new junior class president is Al Boyce. Assisting him as vice-president will be Bill Farnini, with Mary Ann Tomasini acting as secretary. Elected treasurer and SAC representative are James Hart and Gordon Hill, respectively.

Sophomore class officers are Marvin Berry, president; Larry Eastman, vice-president; Judy Willard, secretary; Vicki Porter, treasurer, and Delma Jean Lang, SAC representative.

Freshman class officers will be selected at the first class meeting in September.

### Lake Tahoe Scene Of P.E. Workshop

Fallen Leaf Lake, near Lake Tahoe, was the scene of a "Family Outdoor Education Workshop" on June 18-20. The Cal Poly Physical Education Department was represented by Mrs. Alice Reynolds and Miss Ann Boukida.

Co-sponsored and coordinated by the California State Department of Education, the workshop was part of the national outdoor education project being sponsored by the American Association for Health, Physical Education and Recreation.

### Three Blue Ribbons Won by Dairy Major

Donald E. Lord entered his first dairy products judging contest and set things spinning!

Participating in the 1958 all-student competition here recently, the dairy manufacturing major from Orange won three firsts out of four products—butter, cheese and ice cream (based on milk.)

And it was the first time in Cal Poly's history that so many firsts had been scored by a single individual.

## El Mustang

California State Polytechnic College

(San Luis Obispo Campus)  
Editor - William B. Tumin  
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Published weekly during the Summer Quarter by the Associated Students, California State Polytechnic College, San Luis Obispo. Printed by students majoring in printing, Engineering Division. The opinions expressed in this newspaper in signed editorials and articles are the views of the writers and do not necessarily represent the views of the staff, views of the Associated Student body, nor official positions. Subscription price \$2.00 per year in advance. Office, Room 21 Administration Building.

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**NEW SONG LEADERS**—Back row: Roberta Keeble, Terry Bauer, Marilyn Christensen. Front row: Sally Ward, Barbara Wright, Lena Limon.

## Cal Poly Teachers Got Service Awards

Four Cal Poly faculty members were among the 18 California Agricultural educators receiving service awards at the 89th annual California Agriculture Teachers Association convention held here last week. They are: Dean of Agriculture Vard Shepard, Administrative Dean of student and college affairs Harold Wilson (25 year award); Dan Chase, Farm management department, Laverne Bucy, Animal Husbandry department, recognized for 15 years service.

## First Summer Course For Home Ec. Majors

For how many of your college courses have you gone early and waited for the instructor, and then stayed overtime hating to leave? This was the enthusiastic attitude of 10 students toward Cal Poly's first summer session in home economics, offered for five days last week. The course was a home furnishings workshop and was scheduled from 8:30 to 3:30 daily. However, the students arrived early and waited for the instructor, John Jenkins, who is instructor here during the regular home furnishings laboratory school year.

This special home economics workshop was organized especially to meet the needs of teachers of home economics in San Luis Obispo county who took their training before such a course was offered. It is now a part of the required curriculum for H. E. majors and is offered during the year for students. In descending order these students also could take advantage of the course: home economics teachers from two adjacent counties who inquired, home economists from the area, and junior college students (of which there were two from Santa Maria.) Having special permission to take the course were a mother and daughter who are both regularly enrolled students of Cal Poly. The mother, Mrs. Irene Harris, and her daughter, Connie Breasale, found it impossible to enroll in the class during the year. Mrs. Harris is redecorating her home in readiness to accommodate 20 coeds next fall.

### Sponsored Jointly

The workshop was sponsored jointly by San Luis Obispo county and Cal Poly. The county schools office paid for the materials used and the instructor's salary. The college offered the facilities of the home economics department and gave 1 1/2 units of credit for the course.

The curriculum for this practical course includes upholstery techniques and drapery making. Students design, make and hang lined and inner lined drapes. Also important is learning how many yards of material will be needed.

Mrs. Ellen Stookey, regional supervisor of the Bureau of Homemaking Education, is hoping for a two week session on a state wide basis next year due to the great response to this type of practical program. Although this idea is just being pioneered, short courses in San Jose, Ventura, and Los Angeles counties have enjoyed great success. An all day class of shorter weekly duration appeals to home economists because of families and other duties.

Cal Poly's H.E. department has more majors in two years than many well established homemaking departments in other colleges. According to Mrs. Stookey this is due to our practical philosophy, "Learn by doing." Cal Poly, in line with the latest research in how students learn, offers a two year basic course, which, if the student completes is a good preparation for marriage as well as education for earning a better living. The second two years includes more advanced courses and professional training. Last year there were 82 H.E. majors attending Poly. As of June 15, 40 new students have been accepted into the department with 16 pending against 88 last year.

Congratulations to Alaska for becoming the 49th state in the Union.

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**CAL POLY'S 1958 CHEERLEADERS**—Back row: Mickey Delman, Ron Pardini, Elaine Anderson. Front row: Bob Franchette, Artie Day.

## Social Studies Workshop Scheduled for July 7-19

A social studies workshop will be conducted on campus July 7 to 19. Conducted in cooperation with the California State Central Committee on Social Studies, the workshop will afford an opportunity for teachers, administrators, and supervisors to deal with the social studies program at all grades and educational levels from kindergarten through the junior college.

Assisting the Cal Poly social science and education faculty members in instruction at the workshop will be Dr. Fannie Bhafler, Stanford University; Dr. Benjamin Thomas, University of California at Los Angeles, and Mrs. Lorene Marshall and Herbert Gulnn, both of the State Department of Education.

## Classes Saturday!

Dean of Students Everett M. Chandler has announced that classes will be held Saturday, July 5.

Dean Chandler cites the concentration of the accelerated summer courses as allowing only a minimum of time off.

Classes will be held Saturday, July 5. See-you then!

## Mermen Active In Yale Summer Swimming Program

Two Cal Poly swimmers—distance man Gene Lens of Santa Maria and butterflyer Bob Loeffler of Napa—are participating in the Yale University summer swim program.

They are in New Haven Conn. to work six weeks under Yale swim coach, Robert J. H. Kiputh, seven times coach of the United States Olympic team. Lens participated in the program last year and completed his eastern training by placing sixth in the national AAU 1500 meter event.

The Santa Maria athlete holds five state college swim records—the 1500 meters, 440 and 330 yard events and the 300 yard individual medley and 300 yard butterfly. He led Coach Dick Anderson's Cal Poly swim team to the state college title. He entered national collegiate competition where he placed third in the 1500 meters and fourth in the 440 yards.

Loeffler holds the state college and school record in the 100 yard butterfly.

Both swimmers are junior architectural engineering majors.

## Five Record Dances Set for Summer

The temporary College Union building, across from the architectural department, will be the scene of five informal Saturday night record dances during the summer months.

The dances will be held July 12 and 26 and on August 2, 9, and 16. Arrangements are being made by the College Union Dance committee under the temporary chairmanship of Steve Murdock. Committee members include Janet Franklin, Don Depue, and Norm Foster.

## Educator Says Credentials Report Will Appear Soon

California's teachers will have another look this fall at attempts to simplify the state's cumbersome credentialing system, members of the California Agricultural Teachers Association learned recently at their thirty-ninth annual convention on the home campus of Cal Poly. The convention adjourned at noon (Friday, June 27).

"There's no use worrying about the original proposal (presented a year ago)," Wesley P. Smith, state director of vocational education, told the agricultural teachers. "A second committee (appointed by State Superintendent of Instruction Roy E. Simpson) has been at work. A new proposal will be made, and it will be available this fall."

And while praising the ground-work laid by California in specialized teaching credentials, some of which he said has been accepted throughout the United States, Smith predicted that changes in the state's current 42-credential system would be made.

"California pioneered in specialized preparation for specialized teaching," he said. "Our system has produced an educational staff not excelled elsewhere in this world. But our 'credential tree' sprouted so many branches we could no longer see the trunk. Every new service has meant a new credential system."

In describing possible compromises, Smith said he felt "there generally exists over the state, in and out of teaching, an opinion that a single credential for high school teaching—even including grades 7-14—is possible and feasible, based on a five-year preparational program."

Other compromises are also under study, he explained, but warned that in making changes special consideration should be

given to how they might affect the existing preparation program, which he termed "sound and long-built."

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## Steve Mott Heads Student Press Photographers' Affiliate

The Cal Poly affiliate of the National Press Photographers Association has elected Steve Mott president, replacing Mike Mattis. Pat Keeble is the new vice-president and Karen White has been re-elected secretary-treasurer. The local organization has been affiliated with the national association for several years, and is one of the few college affiliates.

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**OLD TIMES**—Perry Jeter, left, former Cal Poly football player who is now romping for the professional Chicago Bears, shows in a photo mural how he almost recovered a fumble in one of the 1953 Cal Poly games. Enjoying the discussion, during Jeter's recent visit to the campus, is Bud Chadwick, former teammate, who is coaching at Mission high, San Luis Obispo. Jeter will start his third season with the Bears this year and will report to camp July 28. The footballer was hindered by a bad ankle last year but reports he will be in top shape for the opening drills this season. Jeter has been working in the San Bernardino recreation department during the off season. (CP photo-Geiger)

### Dairying Is Changing

(cont. from page 2)

possibly some other human diseases. When the antibacterial milk is consumed in powdered form, it gives promise of effective relief, "It's a long way off," Bulkley predicted, "but it's promising."

And, from a dairyman's standpoint, he termed further study of the cow's rumen "one of the most exciting things in which a young man could engage today."

"When we can learn to take care of the rumen properly and have millions of organisms thus working for us," Bulkley said, "we can make tremendous strides in improving the efficiency of the whole problem of dairy feeding and management."

"This work has great future promise and I would like to see you agricultural teachers inspire youth to become engaged in it."

Predicting that the industry will see a surplus production for a long time to come, Bulkley said there would be only a limited export market and that taxpayers would not indefinitely approve present exports under subsidy.

"Dairying is still California's largest agricultural industry," he pointed out. "California has the highest cow efficiency in the nation—as much as forty per cent over the national average—and production was up a little over five per cent this year over last which is somewhat more than the state's population increase."

Therefore, he explained, one of the industry's major problems will be to achieve a balance between production and demand and he prophesied that a part of the problem would be solved by constantly

increasing efficiency eliminating the marginal operators.

**Better Cows**

"Changing trends in the industry can be characterized by better cows, better supervision of labor, better machinery and better overall management," he said. "Good managers are doing all right. We still need consistent improvement in such things as higher herd efficiency, regular yearly calving, developing of a longer cow life, better use of roughage—all of it a part of good management that realizes peak production may not always be the most profitable."

Other dairy developments he described included:

Pie shaped corrals coming in as labor-saving devices.

Trend toward buying alfalfa on a "quality basis" similar to that used by the poultry industry.

Greater use of rotation or strip grazing.

Use of hay crushers giving as much as ten percent greater hay utilization, and advent of the "wafering system" developed near Seattle with the same equipment used to manufacture "Prestolops."

A "wafering machine," turning out hay wafers like large pancakes, will be tried out in the Central Valley this summer.

Greater use of direct-cut silage with preservatives and about fifty per cent of the big herds going in for green-chopping where crops are available.

Greater concentrated precautions against calf-loss "which can make or break a dairyman in many instances."

The whipping of brucellosis.

**Thyroid Again**

Springing up again of certain thyroid preparations—"not to well recommended for general use, especially in hot weather areas."

Focusing of attention on need for greater sanitation with milking machines—we've found it the greatest source of contamination of milk sent to plants; dirty milking machines have been found on thirty per cent of the farms we visited and this simply throws the milk off the market.

Recognition that too high speeds milking machines damage cows and lose efficiency, and that cows prepared too soon will also have lowered production.

Use of penicillin declining but still presenting problems to the dairy and cheese industries.

### Athletic Association Elects New Officers

Cal Poly's Women's Athletic Association elected Charlene Cobb to preside over the organization for the coming year. Charlene is a physical education major from La Crescenta.

Also elected at the last meeting of the year were: Lila Ray, vice president, physical education major from Van Nuys; Donna Smith, corresponding secretary, social science major from Hemet; Jan Madson, recording secretary, physical education major from Santa Maria; and Diane Smithson, treasurer, physical education major from San Joaquin.

### Summer Enrollment Up

Enrollment in the 1958 four week summer quarter totals 1,153 students, according to Tom Lambra, registrar. This number exceeds last year's total by 70 students. Of the 1,153 registration permits which were issued, 988 were to men and 170 to women. Most of these summer pupils are returning students, 189 are new to Poly, and 218 are graduates.

Housing office account clerk, Helen Stratton, reports a total of 115 living on campus in single student's residences for this first summer session.

Total enrollment for the 1957 four week summer quarter was 1,083, of which 929 were men and 154 were women.

### Department, Club Councils Abolished by Election

The inter-department council and the inter-club council are no more!

Following results of the recent student body election, the two councils have been abolished and standing committees, already in existence, have been established.

The changes, which include the sending of three representatives from each divisional council to the Student Affairs Council was passed 567-120.

Officials say the councils were abolished because their functions were duplications of the efforts and activities of other groups.

### Largest Graduating Class In History Receive Diplomas

The largest graduating class in Cal Poly's half-century history received diplomas in a typical mid-coast outdoor ceremony. A total of 728 was presented certificates or degrees at a college which has grown to include one of the two largest undergraduate engineering schools in the west and the fifth largest agricultural school in the nation.

An additional 72 graduates received diplomas at Cal Poly's Kellogg-Voorhis campus near Pomona.

Commencement speaker at the San Luis Obispo home campus was Earl Coke, former assistant secretary of agriculture, and now a Bank of America vice-president. Presentation of diplomas and certificates was by Cal Poly's president Julian A. McPherson.

Engineering headed the number of bachelor of science degrees with 380; agriculture had 182; arts and sciences, 111. There were 20 candidates for bachelor of education degrees and 40 for master of arts. Included in the overall 728 total were 879 veterans. Four hundred and six of the graduates were married. Thirty states and territories and 16 foreign countries were represented by the 110 non-Californians in the class.

Cal Poly was established in 1901 by the Legislature of the State of California.

### New Education Course

Principles of Adult Education, a new course at Cal Poly, will be offered this fall. The three-unit course is listed as Ed. 418. Dr. Schreider, head of Education Department, will teach the course. It is being offered because of the wide extent of adult education in California.

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