

# El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE ★

VOL. XXI, NO. 4

EL MUSTANG

Tuesday, Oct. 13, 1959

## Holtville Business Man Named Alumnus Of Year

Herman M. Sperber, farmer and businessman of Holtville, is the 1959 Alumnus of the Year.

He will be the honored guest at the 1959 Homecoming, October 23-24. The Alumnus of the Year is elected by the directors of the Alumni Association.

"Red" was born in Missouri and spent his boyhood on a farm. He attended the University of Missouri 1934-35, and received an Associate in Arts degree from Brawley Junior College in 1937 after two years attendance. Before entering Cal Poly at San Luis Obispo, he worked two years as state agricultural inspector, 1937-39. He received the Bachelor of Science degree in Horticultural Services and Inspection in 1942.

The Alumnus of the Year was director of vocational agriculture at Holtville Union High School 1942-45 and employed by K. K. Sharp Company 1945-48. He has been farming since 1948. He is president of Golden State Plant Food Company, Glendora; director of Imperial Grain Growers, Brawley, and a member of the Holtville Cotton Products, Inc., and Highline Lettuce Co-op.

A leader in civic affairs, Sperber is a member of the Imperial County FHA Committee, the Holtville Union High School Board, and the Elks. He is a 32nd degree Mason, Associate Guardian of Job's Daughters Bethel 258, and immediate past president of the Holtville Rotary Club. He is president of the Southern Region of the Alumni Association.

He married Margaret Ann Whitehead in 1937 and they have three children, Marilyn 17, Carolyn 14 and Earle William 9. The Alumnus of the Year's home address is Box 547, Holtville, and his office address is Rt. 2, Box 50, Brawley.

## Los Brown Can't Make It This Time

"Plans are never official until the signed contract returns from the band leader," is the word from the Student Body Office. Los Brown and his band are scheduled to appear at the Sahara Hotel in Las Vegas, Nev., on the date that he was requested to perform at Cal Poly.

Dates on Brown's calendar were moved up one week, making it impossible to do a one-night stand in San Luis Obispo, Oct. 30. This eliminates chances of having Brown here this quarter, but College Union still intends to book him for some future date during the school year, say CU officials.

The movie previously slated for Oct. 10 will be held as was originally planned. Halloween night will feature a hayride starting at Poly Grove and will also feature the Halloween Hop.

A Senior Class Executive Council meeting will be held tomorrow at 4:30 P.M. in Library 306. Committee chairmanships and the class gift will be considered.

### El Mustang Deadlines

Deadlines for El Mustang are as follows: For Friday's paper, Tuesday at 5 P.M.; for Tuesday's paper, Friday at 5 P.M. Articles may be turned in at El Mustang Office, Adm. 21. A basket is provided on the Editor's desk.

## Four Polyites Represent College Union At Denver

Tom Bragg, Sue Gibson, and Peter Reta, College Union Board members, and Kay Williams, advisor, will journey to Denver, Colo., to attend the Region Ten Conference of the National Association of College Unions.

The quartet will leave Los Angeles Thursday, Oct. 15, for the University of Colorado who are hosting the confab. It will be attended by more than 30 delegates representing College Unions from all over the Southwest.

The purpose of the conference is to exchange ideas and suggestions concerning College Union activities, officials say. The discussion groups will debate on such topics as functions of CU programs on campus, policy, and personnel problems. Some degree of informal leadership training will be absorbed by the representatives and staff members in attendance.

Kay Williams says, "Cal Poly is the only school attending the conference in the past that does not have a CU building, but these conferences have indicated that our programming is among the most varied."

A detailed report on the overall picture of the region conference will be made at the first SAC meeting after the return of the delegates.

## Steak Barbecue Is Slated Saturday

A steak barbecue for all students, alumni, guests, and friends will be held Saturday, Oct. 24, from 11:30 A.M. to 1:30 P.M. at Cuesta Park in San Luis Obispo.

Tickets for the barbecue are available at the El Radio Shop, and the El Stockroom in the East Engineering Building, and from the Electronic Engineering Wives. The prices are \$1.50 for the first ticket, \$1.25 for additional tickets, and 75 cents for children.



WHO WILL BE QUEEN? . . . One of these lovely young ladies will reign over this 32nd Annual Homecoming Oct. 23 and 24. These five finalists were chosen by judges Friday evening. They are, from left to right, top row: Pat Reynolds, Lynn Boynton, and Mona Stone; bottom row, left to right: Carol Gilmore, Mary Jo Livers, and Cathy Lucas. Miss Livers is last year's Homecoming queen. (Photo Bureau-Beitel)

## The Search Is On For An Ugly Man

Are you the ugliest man on campus, or do you perhaps know the ugliest man on campus? If so your talents are needed.

Applications are now being accepted in the Associated Student Body office for the Eighth Annual Ugly Man Contest, sponsored by the Zeta Omicron Chapter of Alpha Phi Omega.

"An all out effort is going to be made to surpass the 1958 drive," says Chuck Simpson, Ugly Man Chairman. During the 1958 drive, when 18 contestants ran for the title, \$697.98 was made for the College Union Building fund.

A meeting for all candidates is being held Thursday, in CU-H at 4 P.M. Rules will be announced and pictures will be taken. Contestants are asked to wear or bring their costumes to this meeting.

Ugly Man Contest runs from Oct. 19 to 23.

## SAC Meets Tonight

Tonight's Student Affairs Council meeting will hear reports from the Music Board, Inter-Campus Council, and Finance Committee. Approval of all new Finance Committee members will be voted upon. The meeting will be held in Lib. 114 at 7 P.M. All students are invited to attend.

Cal Poly attracts students from all regions of California.

## Five Finalists Are Vying For Homecoming Queen

By MARY FRAN CROWE

After careful deliberation by judges, five out of 41 queen candidates were selected as 1959 Homecoming finalists Friday at the Monday Club.

The five now vying for queen include: Lynn Boynton, Senior Home Economics major from Bakersfield; Carol Gilmore, Freshman AH major from Millbrae; Cathy Lucas, Freshman Bio Science major from Pomona; Pat Reynolds, Freshman English major from Torrance; and Mona Stone, Senior Elementary Education major from Covina.

It is now up to the student body on Oct. 14 and 15 to elect the queen. She and her court will reign over the entire "Mardi Gras Holiday" Homecoming, with a bon fire rally and dance, downtown parade, Cal Poly-Fresno State game, and the Coronation Ball.

The seven judges making the difficult decision of choosing the candidates were: Miss Nancy Baldwin, P.E. department; Norman Sharpe, Air Conditioning instructor; Mrs. Mary Etta Murray, Associate Dean of Women; Dan Lawson, Associate Dean of Activities; Jerry Koehler, Flotsa Chairman of Homecoming; Cecil Martinez, student; and Bill Barbour, Queen's Chairman.

Judging was done by each judge giving from 1 to 10 points to each candidate in the categories of poise, attitude, voice, representation of school, and appearance.

## Ag Leaders Visit Campus This Week

Three Yugoslavian agricultural leaders will visit Cal Poly Oct. 15 to 18 to observe and discuss organization and management of livestock and poultry enterprises, large scale fruit and vegetable production and agricultural processing plants.

They are Ivan Bukovic, Chairman, Union of Agricultural and Forestry Chamber of Yugoslavia; Konstantin Miljkovic, Senior Agricultural Officer, International Relations Board, Union of Agricultural and Forestry Chambers; and Marijan Pavic, Director, Veterinary Research Institute located in Ljubljana.

The first two are also engaged in planning International Cooperation Administration technical assistance programs in agriculture. The three are appearing in the United States under the auspices of the ICA.



PRESIDENT'S BANQUET . . . President Julian A. McPhee met with members of the Student Affairs Council over luncheon to become better acquainted with them and to discuss student body problems in general. Left to right, Tom Bragg, CU Chairman; President McPhee; Ed McGraw, Student Body President; Harold Hayes, Dean of Engineering; and Bob McCorkle, Vice-President of Student Body.

## Deans Will Present College Program

"What Makes Cal Poly Unique?" This is the theme of Thursday's College Hour. Its purpose is to explain the background and philosophy of the three instructional divisions and to give information on student personnel.

A brief program of explanation will precede a question-and-answer period designed to allow new and old students the opportunity of acquiring knowledge of the function of the school.

The program will be conducted by Harold Hayes, Dean of the College; Roy Anderson, Acting Dean of Arts and Sciences; Vard Shepard, Dean of Agriculture; Les Osteyee, Acting Dean of Engineering; and Everett Chandler, Dean of Students.

## Out Of The Din

Contributions to "Out Of The Din" should not exceed 175 words. Editors reserve the right to edit and/or condense all letters received and to decline publishing letters that are, in the opinion of the editor, in poor taste or libelous. All communications must be signed by the writer. If a non de plume is desired on a signature, it is permissible, but the editor must know the true name of the author.

### Campus Radio News

Dear Editor:

Last year, after sitting stagnant for a year, the subject of Campus Radio was brought to life. It had been shelved because the students behind the project were all leaving school. Now, with a fresh start possible, maybe enough students can get together to make Campus Radio a reality.

A committee is now being formed to investigate the possibilities of our campus having its own radio station. This station would be owned and operated by and for the Student Body. It would provide an efficient means of communication for student activities and entertainment programed for the student.

If a project of this sort is of interest to you in either the programming or technical aspects, Campus Radio needs your help. If not enough people show interest in the project it will again be shelved and money already allotted to Campus Radio will be returned to the General Student Body fund. A meeting will be held in Adm. 218 at 7 P.M. Thursday. If you are interested, but cannot attend, drop a note in P.O. Box 1628, or call LI 8-5007.

Frank Maybee

### Puzzled's Solution?

Dear Editor:

Specific solutions to Puzzled's bewilderment could well be to actively join the College Union effort for a full understanding of its importance and the inadequacy of sending only four delegates to the Region X Conference, or to talk to almost any student who has joined, or to realize that only one delegate as suggested, no matter how good and well qualified, cannot possibly attend more than one of the many unrepeatable workshops offered at the same time.

Speaking as a student unconnected with the College Union except by enjoyment, I feel that the Student Affairs Council spent my money in the best interests of its most deserving pressure group—the Associated Students—as indeed the ASB Financial Code stipulates. The CU is one group who makes a strong attempt to return to each student a maximum value for the \$15 per year he spends for a Student Body card; it is the only group that attempts to satisfy the oft-heard complaint that there are not enough activities offered to occupy his free time.

Granted, there are shortcomings in the program, but this is due in no small degree to the relatively short time it has existed on this campus. Obviously a primary way to eliminate the shortcomings and accelerate the program is to learn from those who have traveled this area, and those persons are found at such as the Region X Conferences.

That this is true is evidenced by the contributions from previous conferences, one of which provided the beginnings of the CU program at Cal Poly. A poll of most students would reveal, I'm sure, a demand for the continued acceleration of the program.

Dick Robken

## Poly Swimmer Eyes 1960 Olympics

Cal Poly's claim to fame in swimming pools, Gene Lens, may splash for the United States in the 1960 Olympic games in Rome, according to swimming coach Dick Anderson. The Poly pool mentor indicated that Lens would be trying out for a position on the American team early next year.

Lens, holder of seven Mustang records and four State College marks, smashed the men's 440 yard freestyle record of 4:39.6 at the Pan American games in Chicago this summer with his own time of 4:33.5 in the qualifying round. However, he had to settle for second in the finals as George Harrison of Palo Alto flashed home in first place, shaving a second off the record set the previous day by Lens.

The Santa Marian also placed third in the 1,650 yard event behind winner George Breen and Alan Homer, both of Indianapolis. Lens, who won Cal Poly's Van Horn trophy for the outstanding athlete of the year for '58-'59, has finished his eligibility, but has returned to complete requirements for a degree in architectural engineering.

**EREMONT!**  
LAST DAY!  
"THE NUNS STORY"  
STARTS TOMORROW!

Glenn Ford  
Debbie Reynolds  
It Started With A Kiss

COMPANION FEATURE  
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hunted like a wild animal

**THE ANGRY HILLS**  
ELIZABETH MUELLER  
STANLEY BAKER



**CENTURY OF SERVICE** . . . President Julian A. McPhee presents awards to four Cal Poly employees for service to the state. Each recipient has had at least 25 years of service. From left to right: President McPhee; Kathryn Rowland, General Office Supervising Clerk; Richard I. Leach, Head, Poultry Department; Carl Beck, Farm Management instructor; and Howard O'Daniels, Physical Education instructor.

## X-Change Notes

An effigy of Norman Topping, president of the University of Southern California, was hanged recently by about 1,000 students, according to the Daily Californian.

Police said the students gathered on 28th Street, along "fraternity row," and blocked traffic. The Californian continued to explain that students apparently were up in arms over recent stringent rules imposed by the University on fraternity activities.

One fraternity, Kappa Sigma, was banned from the campus after a pledge, Richard Swanson, 21, choked to death on a piece of oil-soaked liver during an initiation ceremony Sept. 17. A coroner's jury ruled that Swanson's death was accidental.

For the first time this Fall Humboldt State College has included Russian in its foreign language program, which places Humboldt among an increasing number of colleges and universities which are expanding their curriculum to include the subject.

The Spartan City Trailer Court will be closed next July 1 because of inadequate facilities and insufficient funds, according to the Spartan Daily.

When you approach a problem, strip yourself of preconceived opinions, and prejudices, assemble and learn the facts of the situation, make the decision which seems to you to be the most honest, and then stick to it.—Chester Bowles Graphic, Pepperdine College.

A stockade is presently being built and will be in operation very shortly for those obstinate and indifferent freshmen who won't wear their beanies, says Montana Exponent, Bozeman, Mont.

Freshmen must wear their beanies until the Freshman-Sophomore Scrap; if the Freshmen win, they may discard the colorful markers of their status. If they lose, however, they must continue to display them until the end of the final home game.

When Foothill College purchased the land in the Los Altos Hills for their new campus it seems they took over a field of clover belonging to a horse. Monday night, Oct. 4, at the Board of Trustees meeting, a warrant came through from the owner asking Foothill to pay \$55 a month for two months to feed the starving animal. The Board appropriated \$55 and now the horse may graze to its heart's content.—Foothill Sentinel.

### BARGAIN OF THE WEEK

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## Quarter Horse Clinic No Ill Wind Now

By DON CAMPBELL

PERFUMED PIGS?

A Quarter Horse Clinic will be held at the Bud Collet Arena on Oct. 17 starting at 10 A.M.

Three classes of Quarter Horses will be judged on conformation and work ability. The first class will be Quarter Horse fillies in hackamores. Following this class, a buffet luncheon will be served by the Cutting and Reining Club.

In the afternoon a class of Quarter Horse broodmares will be judged on their cow working ability, followed by a group of Quarter Horses judged on their ability as a rope horse.

The purpose of the Quarter Horse Clinic is to stimulate breeders to produce Quarter Horses not only with conformation but with cow sense and working ability as well.

Spectators will take an active part by judging all classes. The majority of unanimous decisions will determine the official placings. Everyone interested is encouraged to attend.

### National Alumni Officers Candidates Are Announced

Nominations have been made for National Vice-President, National Secretary-Treasurer and for the presidency of five regions of the Alumni Association.

Nominees are: National Vice-President, Donald J. Van Harreveld; National Secretary-Treasurer, Owen Servatius; President, Sacramento Valley Region, Jesse Norris; President, South Coast Region, Jack T. Spaulding; President, Central Region, Wesley Wilson; President, Los Angeles Region, William B. White; President, Hawaii Region, Norman Baxter.

Well not exactly, but recently a deodorizer has been installed at the Cal Poly swine unit.

Like Los Angeles, that has swallowed up farm after farm in its spectacular growth, San Luis Obispo has developed problems along with its expansion. The close proximity of Cal Poly's hog farm to the city has been one of those problems.

Recently a firm from Bakersfield specializing in such problems, was commissioned by the college to install a deodorizing unit at the hog farm. The organization, with a proven record of success in such diverse areas as cottonseed mills, stockyards and wineries, has installed the system on a trial basis.

Two spray nozzles have been placed on top of the barn and one nozzle on a fence near the feeder pens. A timing device activates the system each afternoon and starts an air compressor that forces a deodorizing chemical, drawn from a reserve tank, through the nozzles. The material is atomized and the atmosphere is saturated with the chemical. The system operates periodically at a predetermined rate from 4 P.M. to 10 P.M. It then shuts off automatically.

If the system proves satisfactory it may be installed permanently.

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**TO PAINT OR NOT TO PAINT** . . . There isn't much question in the minds of Bill Cockshott, Dianne Evans and Dave Kempf, as they look over the situation. They don't really plan to make the climb. The administration has not encouraged painting the mountain in recent years because of the hazards involved.

## Cliff-Hanging Students Paint College's Initial on Mountain

No one knows exactly how or when the giant Poly "P" was first painted high on the slope of a hill overlooking the present dorms, but there are old timers among the Polyites who say it was there to see in the days when students and faculty came by horse and buggy to picnic in Poly Grove.

According to one legend, the "P" was painted following a traditional freshman-sophomore battle, and for many years was repainted by the losers. A September, 1929, copy of "El Mustang" records the painting of the Poly "P" among the penalties paid by the losing freshmen.

In 1939 the "P" became a permanent symbol of school spirit when hundreds of pounds of sand, gravel, and cement were hauled up the hill side to mould a 30 by 40 foot "P" in solid concrete. The project was planned and completed under the direction of Harry Wine-roth, student body president of that year. As part of their initiation, the freshmen added a final dazzling touch by painting it with 500 gallons of white wash.

Unfortunately, the "P" deteriorated after a few years of repeated attacks by the weather and hostile Fresno State forces, and in 1957 one fraternity undertook the job of completely restoring it. At the same time, funds were appropri-

ated by the student body to keep it in repair.

Now and then, there are enrolled at Poly, a few students who cannot resist the challenge of the "P" on the almost perpendicular facing of Bishop's Peak west of the campus.

L. E. McFarland, member of the Cal Poly maintenance department for more than 40 years, recalls the first trip to the peak. He believes it was around 1922, when a group led by Walter Lumely, a student, roped themselves to the top of the peak and dangled over the cliff edge to paint the "P" on a wall of solid rock.

At one time, it was rumored that a student fell to his death in the process, but the truth of that story has never been confirmed.

In 1947 or '48 Fran LaBalle, an agriculture instructor at Wheatland High School, organized another assault on the cliff to repaint the "P," and according to McFarland, painting on Bishop's Peak has been used off and on for many years as part of initiations. He says the administration has tried to discourage the students from making the trips, but the area is not considered "off-limits" and there will no doubt, always be a few who feel compelled to paint the "P" on Bishop's Peak.

## New Residence Halls Will Double On-Campus Living

By CAROLANN RIZZO

More than 1900 students will be living on campus in September of 1960. Over 1000 students were housed this year on-campus. Thus with completion of the new residence halls, the present figures will be almost doubled.

Some of the features of the new dorms are: more closet space for the girls, coin operated washing and drying machines, modern lounges and recreation rooms, individual room controlled heat.

The extra space will allow the Hillcrest Dorms two to a room instead of three.

All the students presently enrolled at Cal Poly who desire on-campus housing will have their requests satisfied next September.

There are approximately 150 girls living in off-campus approved housing. If they wish they may be admitted to the dorms simply by adding their names to a list in the office of Mary Etta Murray, dean of women. There will be enough room for all presently enrolled students.

Contrary to rumors, the new residence halls will not be ready

before the summer quarter of 1960. This means that present students will not be occupying them until the fall quarter of 1960," says Mrs. Murray.

College Avenue Dorms will probably be used in the future due to the upsurge of college applicants.

The new residence halls will not completely alleviate the housing problem, but fewer students will be disappointed by a lack of living facilities on campus. Last September a very small percentage of people were not placed in either on or off campus residences through the Housing Office.

"The reason," asserted Mrs. Murray, "was not that there was no housing available, but that the accommodations were not satisfactory to those wanting rooms."

In 1931 the Board of Trustees for Cal Poly was dissolved and the State Board of Education took over the school.

California State Polytechnic College was established in 1901 by the Legislature of the State of California.



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**October 22**

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## Preservation of Mustangs Western States Project

By JEANNETTE BRIGGS

The last of the Mustang, the legendary wild horse of the West, is fighting a losing battle. The mustang population has dwindled from millions to a mere 20,000. What has happened to them? Pursued by trucks and planes, the horses were run to exhaustion, rounded up and sold at six cents per pound as pet food.

The National Geographic Society says the wild horses roamed America at least 15,000 years ago, but eventually, for some unknown reason, they became extinct.

In the 16th Century the Spanish Conquistadors brought the spirited Andalusian horse to America. By the end of the 17th Century, Indian raids forced the Spanish to leave New Mexico and leave large numbers of horses behind to become wild.

Large herds grazed the grasslands of the Southwest. The number of mustangs was increasing constantly. The stallions would round up strays and steal mares from ranches.

By 1920, fenced ranges almost exterminated the wild horse in Texas, Arizona and New Mexico. In 1934, the Taylor Grazing Act, authorized the Bureau of Land Management to rent vast public lands to ranchers. Stockmen were reluctant to share their grassland with the mustang since they ate as much as one cow or five sheep.

Besides the fact that they broke down fences and ran cattle away from waterholes.

Ranchers, with the cooperation of Government officials, began rounding up the horses. Pilots were hired to drive the horses into camouflaged corrals. The mustangs that couldn't be broke to saddle were sold to rodeo contractors but the majority were shipped to chicken feed processors and dog and cat food canneries.

In the eight years that followed World War II, it is estimated that upwards of 100,000 mustangs were captured in Nevada. In Storey County, Nevada there were once 1,000 wild horses, now there are only 60. Fliers drove them out on the flats and shot them from the air for sport.

In the interest of saving the vanishing mustang from the pet food can, Mrs. Velma H. Johnson, a secretary from Reno, Nev., persuaded the Nevada Legislature to pass a law barring airborne pursuit of the ponies on state owned lands. Mrs. Johnson, better known as Wild Horse Annie, won't be satisfied until there is a law banning the chasing of mustangs on all federal lands from airplanes, trucks or cars.

Recently, in Washington, D.C., Wild Horse Annie made her plea for the mustang to a House Judiciary subcommittee and I wouldn't be surprised if her message got through.

## Learn By Doing "Pays Off" To Polyites; EL Majors

By BILL COCKSHOTT

Several Electronic Engineering majors are earning while learning. Operating on the theory of Cal Poly's "learning by doing," these electronics majors are managing a student radio and television repair shop.

Entirely student staffed, the repair shop is for the convenience of the campus students and staff members. Students run the shop, do repair work, give discounts to customers on all parts, and carry a line of accessories for electronic equipment that any amateur "ham" might need.

Located in the Electronic Engineering Building at Cal Poly, the shop offers convenience to the student or staff member with an electronic problem.

The staff, headed by student manager, Don Griswold, offers money-saving discounts for students and excellent service for moderate prices. In return, the customer gives the student repairmen a service by letting them gain valuable experience in Poly's learn by doing program.

Although the students specialize in radio and television repair work, the shop is not limited to these areas. Student personnel have worked on projects from toasters, hi-fidelity amplifiers and FM tuners to tape recorders and ham radio equipment. In addition to this service, the shop also carries a complete line of batteries for transistor portable radios. The latter has become quite noticeable as students carry these small, compact, radios while walking to and from classes.

Unlike the usual place of business, the shop is not open all day. Hours that the staff has set aside for business are: Mon., Wed., and Fri., 11 A.M. until 3 P.M.; Tues. and Thurs., 12 to 4 P.M.; Sat. 9 until 3 P.M. and Thurs. from 9 until 11 A.M. The shop is also open Sat. mornings from 9 A.M. till noon.

As manager Don Griswold says, "Bring your problems to us, your radio and television problems that is."

In this manner, not only does the customer get his radio fixed, but several electronic majors gain invaluable experience which can be

applied to future use when the Poly "EL" major enters the professional world.

## Engineering; Foods Offer New Majors

Two new majors are being offered this quarter, according to the Cal Poly Annual Report.

A food processing curriculum has been designed to prepare students for employment in the various phases of the food processing industry.

Instruction in the field qualifies students for placement in the production phases both field or plant, and the operating phases of the

industry.

It specifically provides for training that will enable the graduate to accomplish doing and management jobs connected with the field and plant operations of the food processing industry.

Metallurgical Engineering has also been added to the Engineering curriculum. It prepares students for employment in private industry and government agencies

to deal with problems of design and manufacture of metals and alloys, corrosion protection, non-destructive testing, application of codes and specifications, weldability of metals and alloys, and application of metals to specific needs and requirements.

Only freshman and sophomore major courses are being offered this year.

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**LAST MINUTE LOUIE:** A fast TANG and I can make it through class... 'til I have time for breakfast. Fast? All you have to do is add to cold water and stir.



**DEAD BEAT DON:** I have to put in a lot of hours on my I.I.t. But since I have TANG on my bookshelf it really keeps me going even through the longest hours.

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**WANTED:** Characters and captions for campus TANG-ites (like above). Must relate to TANG. Will pay \$25 for every entry used.

Address: TANG College Contest, Dept. GRM, Post Division, Battle Creek, Mich. (Entries must be postmarked before Dec. 15, 1959.)

## Poetry Anthology To Be Compiled

The American College Poetry Society announces that its second college poetry is now being compiled for publication this winter.

Contributions must be the original work of the student (who will retain literary rights to the material), with the entrant's name, address, and school on each page. The poems should be submitted to Alan C. Fox, Executive Secretary, American College Poetry Society, Box 24463, Los Angeles 24.

## Silver-Thatched Mentor Began Career on Courts

By JIM LINDHOLM

One of the most successful foot-ball coaches west of the Mississippi chose basketball as his first love in his playing days.

Coach Leroy "Silver Fox" Hughes was an all-around athlete, starring in every major sport plus swimming in high school and junior college. But it was basketball that he was most noted for. Proving his capabilities, he was a member of the Olympic team in 1936-37 in NAAU competition. In 1938 the young hustler was named honorary all-state basketball captain.

With his active participation narrowing down to football and basketball, Hughes became graduate of the University of Oregon in 1931. He entered Cal to obtain his graduate work, deciding to tie in his love of sports with his career—and what a career!

After five years of high school coaching at high schools in San Francisco and Monterey, Hughes received the call from Menlo Park J.C. to begin another phase of his career—college coaching. It was at Menlo that he came into the name of "Silver Fox," for obvious reasons.

The development of outstanding players who went on to play for the great Santa Clara teams of '47-'48. Others shared in the glory of Stanford and other major college teams, many winning top honors.

Two undefeated seasons in gath-

ering four straight conference championships from 1946-49.

The bringing of the 49'ers to Menlo for workouts, made Hughes a close adviser to the coaching staff. Buck Shaw, 49'er coach at the time, was the true "Silver Fox" of the west coast. Thus, through their close association, Coach Hughes was called "Silver Fox Jr."

Upon his arrival at Cal Poly in March of 1950, the "Jr." was dropped from his name with Coach Hughes simultaneously promising an undefeated season within three years.

After a CCAA title, the dead-line year for an undefeated season arrived. The 1953 record: Nine wins, no losses. In compiling this record, the Mustangs led all other undefeated college teams in rolling up 895 points. Many players of the great 1953 squad will long be remembered in the Mustang camp—Alex Bravo, Perry Jeter, Alan Sheriff, Sheldon Williams, Vic Buccola, Bob Lawson, and others.

Up to the beginning of this season teams under the coaching of the Silver Fox have won 91 games and tied four while losing only 31.

Another "first," adding to his laurels came for Coach Hughes when he was invited to speak before the last meeting of American Football Coaches Association—the only small-college coach ever to receive this honor.

Hughes has also been the rep-



THE SILVER FOX

resentative on the NCAA TV committee for the past three years. He represents all small colleges west of the Mississippi.

## Students Tab Hill-Tramping Instructor, "Cactus Sam"

By PHYLLIS READ

"Cactus Sam" they call him—tall, middle-aged, genial Doctor of Botany.

Cal Poly's Dr. Robert Francis Hoover joined the Biological Sciences Department 12 years ago to teach and do field study in the San Luis Obispo area. During those years much of his spare time, vacations, and days off have been spent tramping the San Luis hills and fields studying and collecting plants.

The effort has paid off for both Hoover and the San Luis area. During his years of work the doctor has contributed to the knowledge of the distribution of many species, rediscovered some thought extinct, and discovered a few new species. Some of his work has been published by the "American Plant Life Society" in La Jolla.

A grass discovered in this area named "Argostis Hooveri Swallen" offers possibilities as a cultivated forage plant for arid regions, and another newly described plant of this country named "Ceanothus Martimus Hooveri" may prove a desirable ornamental shrub.

Since coming to Cal Poly, Hoover has developed an interest in cacti and succulent plants and accumulated an array of cacti kept at the college, hence the students' name for him—Cactus Sam.

Cal Poly's botanical garden in Poly Canyon was Hoover's idea. Its bubbling stream and steep, partially wooded hillsides provide a variety of habitats to make an outdoor laboratory where plants can be studied in a natural environment. Students and instructors have built paths, and identified the plants so visitors to the campus may tour the garden-laboratory.

Virtually all his life has been devoted to the study of botany. His earliest recollections are those of boyhood excursions through the San Joaquin Valley in search of wild flowers. A special interest in plants that grow from bulbs and corns led to an extensive garden

at his home in Modesto, containing nearly all species in that area.

After graduation from Stanford University in 1934, the last botany major to be graduated from the department as a separate entity, Hoover began graduate work at the University of California at Berkeley. He emerged three years later at the age of 23 with a doctorate.

Before coming to Cal Poly, Hoover became an expert in the field of the genus "Erodium," a relative of the garden Amaryllis and the onion. They are generally neglected by the gardener, he feels, probably because of the custom of planting the same familiar things.

Dr. Hoover lives with his wife in San Luis Obispo near the campus continuing to add to his collection of ordinary and unusual plants. "My education," he says, "has well begun."

## Dual Bouts Possible In New Men's Gym

Another phase of the vast building program at Poly will soon be completed—the new men's gymnasium.

Facilities of the building will include a boxing room with two stationary boxing rings, a wrestling room with two wrestling mats, two lecture rooms, offices for 19 instructors, and shower and locker rooms for 4000 students. In addition to these, the building will seat 4000 spectators.

Adjacent to the gymnasium will be six softball diamonds, three intramural football fields, ten tennis courts, four-wall handball courts, and four multi-purpose courts.

The cost of the building and its related facilities is \$2,581,800, which is a part of the approximately \$11,000,000 worth of construction currently under way on campus in order to meet the needs of an eventual total enrollment of 10,000.

## New Instructors Appointed To Poly's Engineering Division

Eleven new instructors have been appointed to the Cal Poly Engineering Division, announces Julian A. McPhee, president of the college.

Two instructors have been appointed to the electronics, industrial and aeronautics department. Printing, architecture and mechanical engineering departments will have single additions.

The new instructors are Nathan H. Chaney and Frank Verano, electronics; Robert P. Gerard, John R. Hille, industrial; Thornton K. Myers, Allen M. Zollars, John Rapps, aeronautics; Wesley T. Dunn, and James Babb, printing; Gerald E. Ervin, architectural; George W. Whitney, mechanical.

Chaney was graduated from Southwestern Louisiana Institute with a Bachelor of Science degree in Electrical Engineering. He received his master of science degree from Denver University. He has taught at the University of Alaska, Iowa State College, and Denver University and has worked for several oil companies including Creole Petroleum in Venezuela.

Returns to Poly Verano has a Bachelor of Science degree in electronics engineering from Massachusetts Institute of Technology. He taught at Cal Poly in 1954-55, moving to Lockheed Aircraft. He has worked in the Motorola systems laboratory and Litton Industries and has been a lecturer at the University of Southern California.

Gerard has had several years experience at the Mare Island Naval shipyard as a machinist, draftsman and assistant industrial manager.

He comes to Cal Poly from Todd Shipyard where he was an industrial estimator. Gerard was graduated from Oregon State College with a bachelor of science degree.

Hille has been appointed to replace George Hoffman in the industrial engineering department, who will be off campus for one year. Hille has a bachelor of science degree from the U.S. Naval Academy. He comes to Cal Poly from the state division of highways where he was an assistant highway engineer. He has been a production engineer for Lockheed Aircraft and has done personnel work for the Los Angeles Shipbuilding Corp. and Consolidated Steel. Hille also was Assistant Dean of Men and director

of employment at the University of Southern California and was an assistant professor in psychology at the University of Redlands. The new Cal Poly instructor was minister of the Cucamonga Community church for two years and worked as a teacher and psychologist at the Paso Robles School for boys.

Thornton Myers has a bachelor of science degree in chemical engineering from Purdue Uni. He has been a research and aeronautical engineer for North American Aviation. In 1937-38 he taught science and mathematics at Templeton High School.

Another Academy Man Zollars has a bachelor of science degree from the U.S. Naval Academy and was in the United States Navy from 1937-37. He was executive vice-president of the Bay City Shovel, Inc., in Michigan and comes to Cal Poly from Illinois where he was director of customer relations for the Chromafloy Corp.

Dunn has held various positions in the printing industry in composition and press work. He has taught printing at Compton High School District since 1948. He has studied at UCLA and Los Angeles State.

Ervin was graduated from the University of Washington with a bachelor of architecture degree. He received his master's from Massachusetts Institute of Technology. He has worked as a draftsman-designer for architectural firms in Michigan and Massachusetts.

Whitney has bachelor and master degrees from the University of Michigan. He has been a chemist, development engineer and metallurgist for various companies for 35 years. Whitney will be assigned to teach physical metallurgy among other courses.

World War II activity of Cal Poly included national defense and war production training, the food production war training program for California, and preflight naval aviation training.

The level of instruction at Cal Poly was raised in 1927 to that of a junior college and was changed to a two-year and three-year technical college in 1928.

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## Learning Can Be A Snap; Depends How You Excite The Nerve Cells

By GALE KNUTAD

Learning . . . it's a matter of stimulus, or vice-versa, depending on how you look at it.

Physiologists claim this learning business is a result of stimulus or influencing the activity of living protoplasm. Just initiate an impulse in a nerve, excite a group of cells or a muscle, and you've got the hang of it. What they don't mention is how we are supposed to keep track of all this stimulus.

Lexicographers say memory is the power, function, or act of reproducing and identifying what has been learned or experienced.

James T. Culbertson, hypothetical-robot enthusiast, math and philosophy instructor, says it's simply the number of nerve cells that's important. "If we could get enough central cells and if they were small enough and if each cell had enough end bulbs and if we could put enough bulbs at each synapse and if we had time enough to assemble them, then we could construct robots to satisfy any given input-output specifications. In other words, we could construct robots that would behave in any way we desire under any environmental circumstances," claims Culbertson.

According to Culbertson's writings on "Uneconomical Robots" (neurons (receivers of the stimulus mentioned earlier) are modeled after biological neurons, but are made simpler and have more uniform properties. Three types of neurons would be needed: receptor, central and effector neurons, with each having one entrance and one or more exits.

Receptor neurons would receive impulses from the environment and send impulses to neurons. Certain changes (stimuli) in the environment cause impulses in receptor neurons. Central neurons would receive impulses from and send impulses to neurons. Effector neurons would receive impulses from neurons and send impulses to the environment. Impulses coming out the exits of effector neurons cause changes in the environment, just as our organic effectors cause muscles to contract.

Getting back to the learning, it now becomes a matter of how many central neurons we can afford. Assuming that we have unlimited neurons, it would be possible, according to Culbertson, to design a robot that could do any desired physically possible thing under any given circumstances and past experience. The robot at this point entirely divorces any similarity to humans, for humans do ally in their behavior.

We could have a robot react in a human manner with a selective memory or especially significant experiences, but again, with our abundance of neurons, complete memory could be attained—a memory that could ingeniously solve problems, compose symphonies, create works of art and literature, master any engineering problems, and pursue any goals. Any desired behavioral properties could be instilled, and, even more fantastic—this robot could be constructed so that no learning process was necessary! It could even repair itself if needed.

By this time it's beginning to sound as if this robot could graduate from Cal Poly without ever having attended classes. This isn't

an original idea, however, and before you rush out to buy one there are a few ifs and assumptions that should be explained.

As a matter of record, Culbertson's papers on robots, originally published by Princeton University Press, have been reprinted by the Office of Naval Research, and Culbertson has been working with many types of robot design and automata study. The robot we have discussed is called uneconomical, and for a good reason. Says Culbertson, "Even if we did have billions of cells available, the brain resulting when they were put together would be of an absurdly large size; and since the time of life is short, we would not have time enough to assemble them. The robots we study are of theoretical interest only, to illustrate a general method of robot design. In fact, we don't care just now whether we need more neurons than are atoms in the whole universe. We can always," says Culbertson, "discuss practical matters later."

With this slight cell excitement we will leave you with your search for the ever elusive stimuli and the function of reproducing what has been learned and experienced.

Cal Poly opened as a state vocational school and was the forerunner in California of vocational educational in agriculture and industry.

## Club Welcomes New Chessmen

"But I don't know how to play Chess well." If you are a beginning chess player, now is the chance to put your newly found skill to use.

Cal Poly Chess Club is sponsoring a Chess Tournament this quarter every noon in CU-R. The entry fee is 25 cents and the tournament is offering a trophy to the winner at the end of the quarter. One game usually takes between 30 minutes and an hour so be on time.

The Chess Club was started in 1954 and now boasts 30 members. Under the advisership of Robert L. Andreini, English and Speech Faculty and Arthur J. Strohbe, Library Staff, the club has several plans for the coming year. "We may make a few trips to Paso Robles," says Andreini. The club is also planning to enter the California State Intercollegiate Chess Tournament (Easter Chess Tournament).

Last year Cal Poly was host to this tournament. The club also plans to purchase new chess sets this year.

Chess is not only enjoyable but teaches a person strategy and self-control. The game can be learned in half-an-hour but the skill with which you play takes hours of practice, according to Andreini.

Officers for this year are President, John Helms, Vice-President, George Kiewer and Secretary-Treasurer, Norbert Kalthoff.



**BREAKING GROUND** . . . State Engineers Russell Grossmann, Richard Brown and Daniel J. Shaffer make the first borings for the new Graphic Arts and Printing Building. They'll make approximately 35 borings with six inch auger (five foot sections) in the parking lot west of the power plant. Oliver D. Horton of the San Luis Obispo State Division of Highways is in charge of the drilling.

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## Mustangs Trounce 'Hounds 55-0; Return to CCAA Action Saturday

Staging a touchdown parade for 5,000 spectators Saturday night in Mustang Stadium, the Mustangs completely trounced a game, but outclassed Eastern New Mexico Greyhound Eleven 55-0.

The scoring spree started after four minutes had passed in the first quarter, when Tom Klosterman hit Curt Hill on the 'Hound five, who lateraled to Carl Bowser, a surprise starter because of his ankle injury, who powered his way to the first of eight Mustang touchdowns. Willie Hill added the extra point.

After holding the greyhound offensive machine, the Mustang's next tally came when halfback Benny Martin, who was destined to be the Mustang top gainer for the evening with 77 yards in four carries, scampered for 10 yards. Willie Hill again converted to make the score 14-0 at the end of the first quarter.

Opening the second quarter, Martin, aided and abetted by a thunderous block from Little All-American Carlos Gonzalez, romped 48 yards for his second score of the evening. Tom Klosterman's pass to Curt Hill was good for the two-point conversion.

Ray Porras struck Greyhound pay-dirt just before halftime, plunging over from the one yard line. Hill Jones' conversion was good.

Second half play, though featuring many new faces for the Huggesmen, proved to be a carbon copy of the first. Tom Klosterman started things off with a 84 yard pass play to Curt Hill for the Mustangs' 38th point.

Reserve backfield sprinters Hill Jones, Marshall Kulju, Vic Hall, Roger Kelly, and Guy Tucker, took turns harassing Greyhound defenses during the third quarter. Jones, who carried seven times during the evening, romped for 59 yards, including his 23 yard third quarter scoring sprint.

Reserve fullback Don O'Meara scored later in the third period from the Greyhound one. Willie Hill, again, added the extra point. Final Mustang tally came in the fourth quarter, when Ted Tolner passed to Tom Darnell for a five-yard scoring play.

Statistics		
First Downs Rushing	31	8
First Downs Passing	4	2
Total First Downs	35	10
Yards Gained Rushing	285	56
Yards Gained Passing	89	81
Total Yards Gained	447	137
Passing	7-14	6-21
Penalties	8 (99)	8 (16)
Fumbles	4	3

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## Spotlight on Coaches



SHELDON HARDEN

A long-time mainstay of Cal Poly first-line Mustang coaching staff is F. Sheldon Harden.

A native Californian from Portola, he saw the first light of day Oct. 18, 1920. He attended Modoc Union High School in his early youth and soon after graduation went into the service of Uncle Sam where he made the grade of second lieutenant as an artillery-infantry officer. When discharged from the army, Coach Harden entered the University of Santa Clara and graduated with the "Class of '48," majoring in social science. In collegiate athletics, he distinguished himself as a guard and tackle on a strong Santa Clara eleven.

Cal Poly acquired his services in 1947 when he moved to San Luis Obispo. A family man, he has a fine wife, a son, and two daughters. His home is close to campus.

Besides his coaching duties, Coach Harden also has a full schedule of classes to maintain. Among them are administration and recreation, health and hygiene, community recreation, administration and organization of P.E., and various other class activities.

At the present time, in the gridiron season, he can be found on the football field as assistant line coach. However, he is most noted for his success in recent years, with the Cal Poly wrestling team. For 13 years he has been head mentor of the powerful Mustang matmen. In 1958, his strong grapplers captured the Pacific Coast Intercollegiate championship after completing a highly successful, undefeated dual meet season.



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## Mustang Splashers Drop Practice Meet To El Camino JayCee

Complete with "first match jitters," Cal Poly's water polo squad dropped a practice meet with El Camino Junior College 9-3 Friday afternoon in the Poly tank.

Coach Dick Anderson's mermen found themselves behind 7-0 at the end of the first quarter, with El Camino splashers Dick Merritt supplying six of the seven goals.

"Discounting the first quarter, when we were awful tight, we were plenty tough," said coach Anderson. "We outscored them 8-2 in the final three periods. Just took a little time to get going."

After being blanked in the first quarter, Chuck Johnson, Russell Fox and Francis Hall all scored single tallies in the second quarter, while the defensive work of Hill Duflock, Bob Marsh and Don Longacre held the visitors to one score.

Hill and Jack Adams highlighted the third period, both scoring single tallies, while holding El Camino scoreless.

Hill added two more in the final stanza, coupled with Chuck Johnson's marker to tie the score for a brief period. El Camino forward Seanigh hit the winning goal with minutes left in the match.

"The passing was unusually sharp for early season play," commented Anderson. "I think we're going to have a squad worth watching."

The Mustang splashers travel South this weekend to meet USC Saturday morning at 10 A.M., with a possible match with UCLA Friday.

## Mustang SPORTS

### Silver Fox Asked To Coach '59 Little All-Americans

Cal Poly Mustangs head Mentor Roy Hughes has been invited to be one of the coaches for the Little All-American football team to play in the second annual Optimist Bowl to be held in Tucson, Ariz., Jan. 2.

The game features the Little All-American and the College All-American squads. Players on the Little All-American team consist of gridironers selected by the National Association of Intercollegiate Athletics and the All-American selection committee.

"I am seriously considering accepting," says Hughes, "despite vacation plans, mainly because I believe we have a couple of players who should be invited."

John Madden, 1958 giant Mustang Tackle, played in the Bowl game last year. Madden is now property of the Philadelphia Eagles in the National Football League.

Coach Max Spillbury of Arizona State College, Flagstaff, has been signed as one coach for this year's tussle. Spillbury's team played in the NAIA Holiday Bowl in Florida last year, and lost to Northeast Oklahoma 19-13.

Nicknamed the "Silver Fox" Hughes, his squads have in nine years amassed a total of 63 wins, 27 losses and one tie. His pro-type offense has failed to score for him only twice. His attack in nine years has netted his teams nearly twice as many points as the opposition, 2264 to 1187.

tang matmen. In 1958, his strong grapplers captured the Pacific Coast Intercollegiate championship after completing a highly successful, undefeated dual meet season.

## Former Aerial Artist's Talent Rubs Off on Younger Brother

by DAVE KEMPT

Following a brother's gridiron footsteps isn't always easy, especially if he set eight individual NCAA records. But, that's the trail Cal Poly's quarterback Tom Klosterman is travelling, and gaining recognition for his aerial prowess.

It's being done under the shadow of former Loyola University of Los Angeles passing great, Don Klosterman. The senior Klosterman performed on the college gridiron from 1949 through 1951.

Loyola lived by the pass in those days, but Cal Poly, with a powerful form of ground gainers, uses the pass sparingly under the tutelage of Coach Roy Hughes.

However, when they do pass, it's effective, with 175-pound Tom Klosterman doing the throwing. Percentage-wise, the younger Klosterman holds the edge. Last year, sharing the Cal Poly signal calling spotlight with 1957 Little All Coast quarterback Bob Beathard, Tom completed 28 out of 65 passes for a 60 per cent completion mark. In the first three Poly games this year, he was throwing at a 65 per cent completion rate, completing 16 out of 25.

The present season promises to be Tom's best. This year he has averaged 17.3 yards per pass in three games, and has thrown four touchdown passes.

Last season he led the CCAA with his 60 per cent completion mark, was second in touchdown passes with six and fourth in total yards with 846 for an average gain of 14 yards per pass.

The Klosterman brothers saw plenty of each other in daily workouts between themselves, Don as a collegian and Tom a high school player. But, Don has seen his younger brother in actual combat just twice. The first time was when Tom completed 12 out of 18 passes in the 1953 CIF finals for St. Anthony's of Long Beach. He saw Tom lead the Mustangs to a 40-13 victory over University of California, Santa Barbara last year.

Tom, a senior business major, hails from Long Beach. Following his graduation in December, he indicated plans to go into sales and said that eventually he may go into a motel business with his brother.

Cal Poly's athletic program continued to be an outstanding one with participation by the college in 18 major sports. The intramural program attracted nearly 1,000 participants.

## Spotlight on Passing



TOM KLOSTERMAN

### 'Witch's Fling' Friday

The Mr. and Mrs. group of the Methodist Church invites all interested married couples to a "Witch's Fling" at the Wesley Hall, 1815 Fredericks Street on Friday.

A potluck supper, starting at 6:30 P.M., will be followed by square and folk dancing. Each couple is asked to bring one main dish and either salad or dessert. Baby sitting services will be provided.

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dents have some hearing loss in  
the speech range, while an addi-  
tional 18 per cent have hearing  
loss outside the speech range.

## Dairy Team Places High In National Judging Contest

Dairy students from Cal Poly  
have again scored high in national  
judging contests. Members of the  
local team competing in the Col-  
legiate Student's International  
Contest in Miami, Fla., took top  
honors.

The team captured fifth place  
overall among 27 college teams.  
Students going to Miami were  
Donald E. Lord, Orange; Raymond  
Gayauskas, Los Angeles; and  
Frank Jacinto, Pismo Beach. They  
placed second in milk judging,  
fourth in cheese and seventh in  
butter judging.

Lord, a senior, was tops in  
cheese judging, third in butter  
judging and sixth in all products.  
He received a wrist watch and a  
gold medal.

Jacinto, also a senior, placed  
sixth in milk judging. Gayauskas,  
a junior, was eighth in milk judg-  
ing.

## 'Round About

By J

Suppose a big story broke one  
afternoon at the hometown daily  
newspaper and all the reporters  
are unable to cover the incident.  
for one reason or another. There  
is no one in the office who can  
cover the story except the Society  
Editor. Here is her coverage of a  
plane crash.

A U.S. Naval Lieutenant, junior  
grade, whose mother hinted was  
due for promotion to admiral, met  
a distasteful demise Friday after-  
noon when his gray-colored jet  
airplane, trimmed with blue border  
and black numerals, fell to the  
tundra—brown with the summer  
heat—and smashed into a trillion  
small pieces.

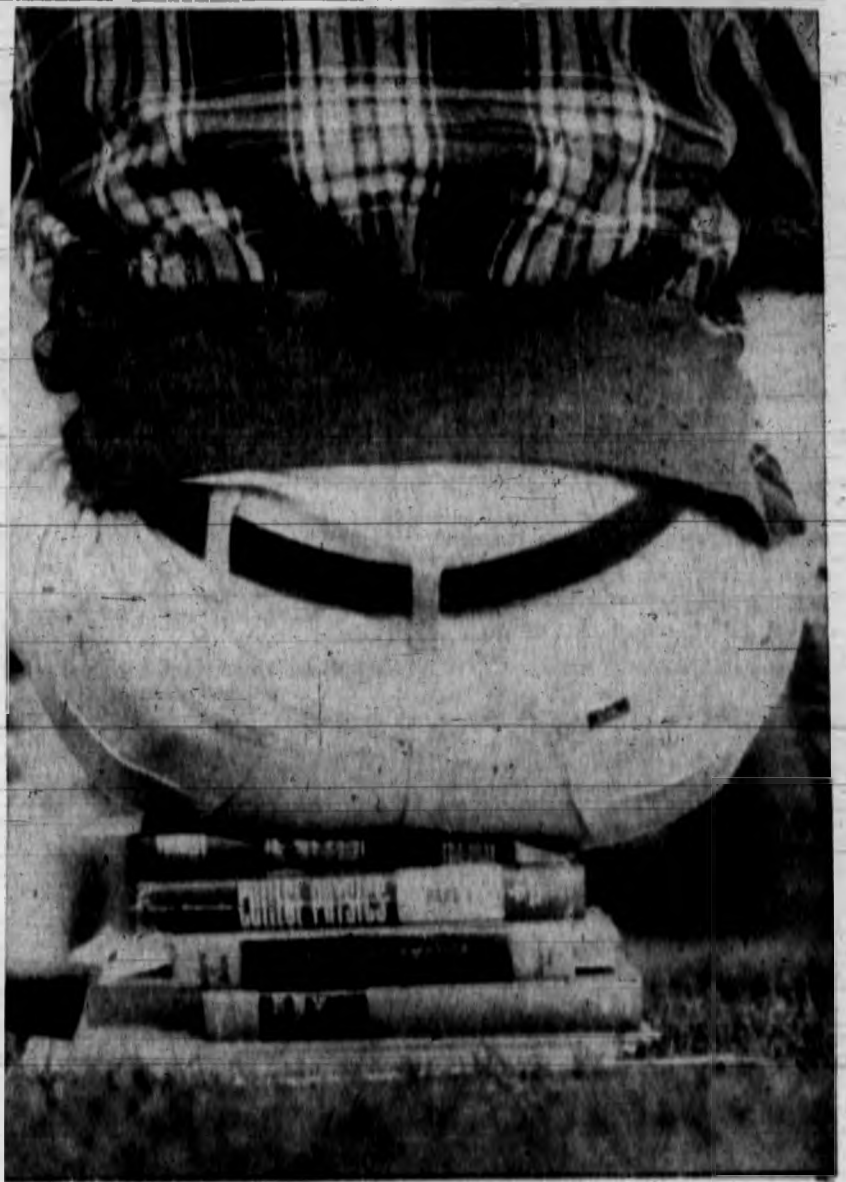
The Lieutenant was on his way  
to attend a Halloween ball at the  
Miramar ballroom, where his  
fiancee was waiting with her family  
to greet the handsome up and  
coming Naval officer.

It was practically impossible to  
determine how the Lieutenant was  
dressed at the time he fell to the  
ground, but it is believed he was  
wearing his dress blues with con-  
trasting campaign ribbons. His  
dyed-to-match-hat, trimmed in  
shinning black patent leather, was  
found lying about in the dust of  
the strawn wreckage.

Part of his Samsonite luggage  
was scattered over the field where  
the plane made its unfortunate  
landing, but it was evident that  
our hero had planned on attending  
several fashionable parties while  
in the Los Angeles area.

At the time the news reached  
the young Lieutenant's fiancee, she  
was having afternoon tea with her  
family and the Martin Gilderbot-  
toms of Asusa. The petite young  
thing was wearing a Citron green  
afternoon cocktail dress of em-  
bossed faille styled on Princess  
lines. The lovely creation was  
fashioned with a tangerine colored  
mink on the Sweetheart neckline.

The unfortunate news of the  
young Lieutenant's death put a  
damper on the afternoon's festivi-  
ties.



**EDUCATION THROUGH OSMOSIS** . . . The process of learning does not  
completely entail just hard, concentrated studying. There's more to the  
matter than meets the eye. The process also requires an element known  
as energy. Energy means food. Food means it's lunchtime. So, let's get  
to the seat of the matter and have some lunch. (Photo by Don Campbell)

### Bull Sale Oct. 22

The 1959 sale of performance  
tested bulls will be held on campus  
Oct. 22.

Cal Poly's bull performance  
tests have been followed nation-  
ally. They are conducted to deter-  
mine what kinds and types of bulls  
fare best under the same con-  
trolled range conditions.

### Send El Mustang Home

Why not send El Mustang  
home?

Any student interested in hav-  
ing the college newspaper, El Mus-  
tang, sent home can contact Dave  
Kempf, Circulation Manager in the  
El Mustang office, Room 31, Ad-  
ministration Office. Yearly sub-  
scription to El Mustang is \$8.



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### Homemade Breads

Homemade breads are being fea-  
tured by the Meal Management  
Class at the luncheons in the  
Home Economics patio each  
Wednesday noon. Each week a dif-  
ferent bread is served. Homemade  
nut bread is slated for Oct. 21.  
The rest of the menu includes:  
spicy beef pot roast, brown pota-  
toes, cooked carrots, cucumber and  
tomato slices, lime chiffon pie,  
and coffee.

For reservations call the Home  
Economics Department, extension  
597.

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