

FRIDAY'S  
DEADLINE  
TODAY AT 5 P.M.

# El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE

SEE  
EDITORIAL  
PAGE 4

Vol. XX, No. 17

San Luis Obispo, California

Tuesday, January 30, 1959

## One-Man Crusade Causes Commotion

Bob Kallaway doesn't usually walk that way. As of late though, he's been packin' a pretty heavy load on his shoulders.

Who's Bob Kallaway? For the academic minded, he's a senior Mathematics major from Costa Mesa, California. For those with a vested interest in the unusual, he's the co-ordinator of a somewhat new method of campus publicity.

Kallaway is staging all out war against the uninformed element on campus. Quoting the warrior, he states: "People who tell you that they don't know about the forthcoming George Shearing concert or the big 'Pink Door' dance at the Freshman Rec area, bug me."

What's Kallaway's plan? Through a somewhat antiquated, however efficient, medium called radio, specifically the local variety, Bob plans to communicate with the uninformed.

The program? The Cal Poly Show reaching our campus via KVEC (920 kc) each night, Monday through Friday, at eight P.M.

The gimmick? A tasty combination of campus news and music, rendered in a somewhat relaxed, though informative manner, which, according to Kallaway, "blends itself into a nice habit-forming nightly ritual on the part of the listener."

Where does Bob get his done? From you, the student with information of interest to the student body. If your club is staging a special event, and you consider this event newsworthy, let Bob Kallaway know. He's got a special box in the Student Body office for your info.

Help him on his crusade. Don't be among the uninformed. Don't hug Kallaway. Get him the news, listen to the show, and watch the results. Monday through Friday nights at 8:00 p.m.

## Winter Enrollment Tops 4000; Girls Total Nears 500

Total enrollment at Cal Poly is 4,045 for the winter quarter, according to Everett M. Chandler, Dean of Students. Regular students number 3,808, and limited students 242.

The Engineering division has the largest enrollment with a total of 1,051. The Agricultural division numbers 688, and the Arts and Sciences division 589.

Cal Poly coeds total 480; 81 of them majoring in Agriculture, nine in Engineering, 333 in Arts and Sciences, and the remaining 98 are limited students.

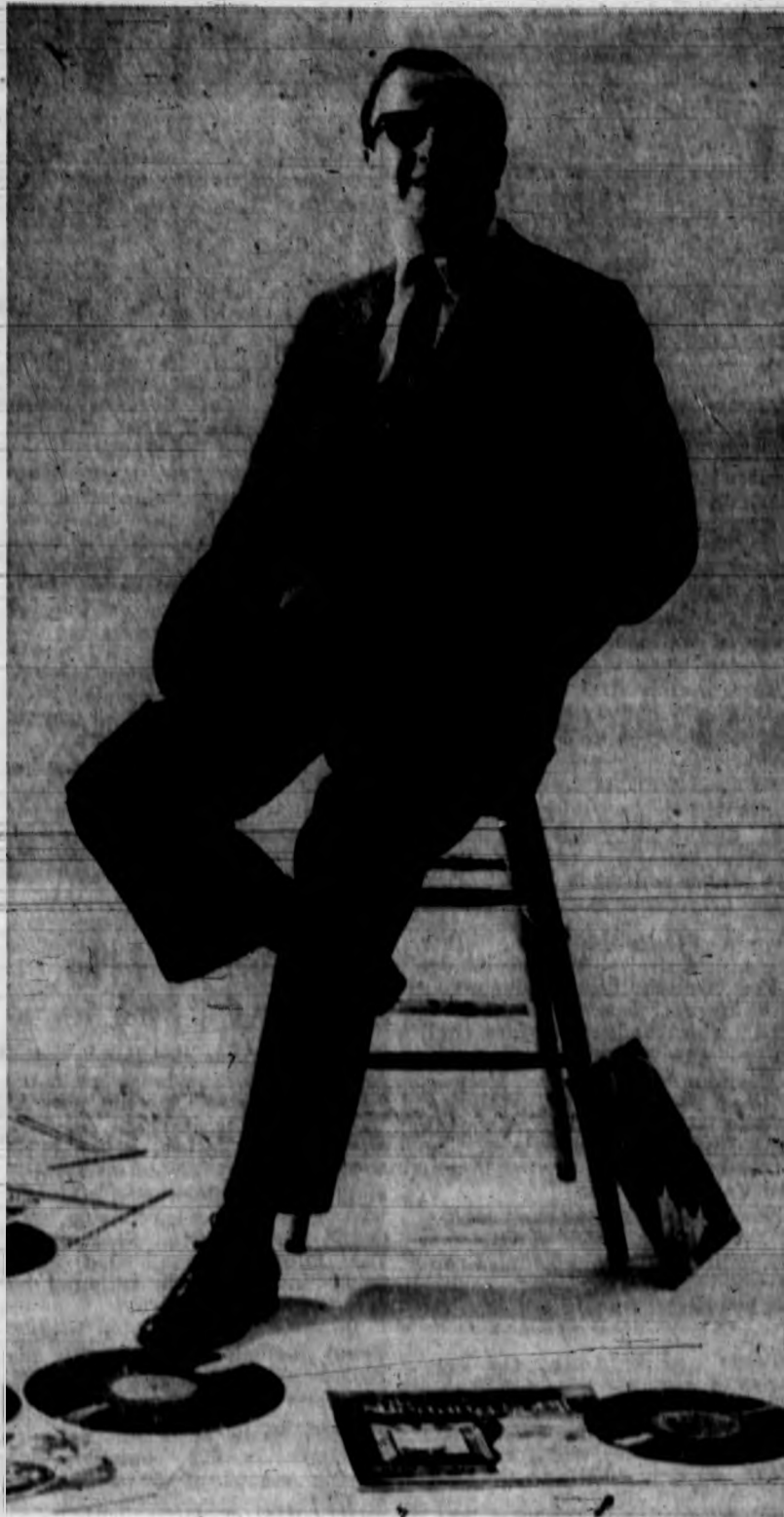
Largest department on campus is Electronics with 548. Mechanical Engineering is second with 483. Highest enrollment in the Agricultural section is 244 in the Animal Husbandry department. Mathematics, with 107 students, is the largest department in the Arts and Sciences division. Smallest section is the teaching division in Technical Arts, with six enrolled.

First year students total 1,448; 1,352 males and 106 coeds. Sophomores number 1,188, with 117 women students. Juniors are 755 with 59 coeds; and Seniors total 560, six are coeds.

## Senior Pix . . .

Seniors who have been getting more than one notice, those who have received none at all or one that conflicts with a class schedule are asked by El Rodeo Editor Ken Carpenter to drop in at the "old power plant" to have their pictures taken at their convenience. Pictures will be taken from 8:30 a.m. to 5:30 p.m. and 7 p.m. to 9 p.m. through Friday.

## Shearing . . .



JAZZ . . . George Shearing, popular jazz pianist, will appear here Jan. 28 in the A.C. Aud. Born in London, Shearing comes to Poly having been named number one pianist in a dozen nations including Japan, Australia, Germany, France and South Africa.

## Musicians Prep For Northland

Cal Poly's 82-voice glee club and 18-man dance band, the Collegians, are preparing now for their northern tour during quarter break.

Alameda will be the first stop for the group as they entertain at Alameda Naval Air Station and Alameda High School. They will perform at Mission High, Polytechnic High, Abraham Lincoln High, Galileo High, Balboa High and Rialto High, all in San Francisco.

Traveling across the bay, they will entertain McClymonds and Castlemont high schools in Oakland.

On Feb. 19, the Women's glee club will make its concert debut with the Collegians before the student body. "We hope," says Harold P. Davidson, Music Department Head, "that their new uniforms will be ready at this time." The jacket emblems on the girls uniforms were designed by Poly Architects.

The majors and minors, the 12-man barber shop group, sang for the District PTA Thursday, and performed with the Collegiate quartet at the Veteran's Memorial hall for Chamber of Commerce Banquet.

## Model UN At A Glance . . .

## Poly To Represent Peru At Model United Nations

Editor's Note—This is the first of a series of four articles by Miss Bucher on the subject of the Model United Nations. This subject, which we believe is an important one to a large fraction of the student body, will be expounded upon in subsequent editions of El Mustang.

by Carol Bucher

A selected group of Cal Poly students will represent Peru in the eighth annual Model United Nations convention at the University of Southern California, April 22, through 25.

The model UN gives an opportunity to learn the essentials of the principles of the United Nations. It was organized

## Livestock Judgers Win Denver Show

Led by coed Merna Muller, Cal Poly's Junior livestock judging team placed first at the National Western Livestock Show in Denver Saturday. Eighteen collegiate teams competed with Kansas State placing second, Fresno State third, and Iowa State fourth.

Miss Muller, Melba, Idaho, was high individual and fourth high in the contest while Bob Boater, Bury, placed seventh.

Poly was first in beef cattle and breeding beef cattle, and tied for first in carload lots of Hereford bulls with Fresno. The team was also fourth in carload judging.

Other team members are: Robert Cooper, Mt. Rose; Charles Ray, Van Nuys; and William Schofield, San Luis Obispo. They were coached by Richard Johnson.

Earlier this year the senior judging team took first places at the Grand National show at the Cow Palace and the Golden Spike show in Ogden, Utah, and placed eleventh at the International show held in Chicago.

## El Mustang Features Polyrama Edition Today

Today's El Mustang includes a four-page Polyrama, feature and pictorial section. The extra four pages were completely written by students and edited by El Mustang Feature Editor Gale Enstad.

The Feb 30 El Mustang will also carry the extra four pages. Enstad is looking for feature stories and pictures by any Cal Poly student. He can be contacted in El Mustang office, Adm. 21.

## President, Pastor Speak At College Hour Assembly

President Julian A. McPhoe will give the opening address at the Religion in Life Week assembly Thursday during college hour in the A.C. Aud.

The Rev. Norman L. Conard, minister of Glide Memorial Methodist Church in San Francisco, will address interested students on the topic "New Gods for Old". Rev. Conard is especially able in the area of family problems and preparation for marriage.

Besides daily seminars, "Hull Sessions" will be held in the following dorms:

**TUESDAY:** 7:30 p.m.—Tehama, Rev. Norman Conard, Methodist; 9 p.m.—Plumas, Rabbi Julian Feingold, Jewish; Poly Engineers, Bishop Henry Shires, Episcopal; Palomar, Dr. Marc J. Smith, Baptist; 10:30 p.m.—Jespersen, Rev. Doh Daffner, Lutheran.

**WEDNESDAY:** 9 p.m.—Monterey, Bishop Shires; Sierra, Dr. Smith; 10:30 p.m.—Heron, Rev. Conard.

The sessions will give students a chance to meet RILW guest speakers on an informal basis. It will also give them an opportunity to ask questions they may have concerning religion.

## Official Tells New Trend in AC Field

The present trend in the air conditioning field is the central control panel, enabling one man to determine and adjust temperatures, pressures, and machinery conditions in buildings blocks away.

Westley O. Stewart told members of the Air Conditioning club Thursday night.

Stewart, western branch manager of the Johnson Service Co., a pneumatic air conditioning firm, was on campus interviewing graduating A. C. and Electrical Engineering seniors for positions with his company, which has offices in Canada, Hawaii, and every major city in the United States.

He said in his address "Recent Development of Air Conditioning Controls with respect to heating and Ventilating Design" that the new terminal of the Los Angeles International Airport will have buildings more than 5,000 feet apart which will employ the central panel type of control.

Stewart also estimated that opportunities in air conditioning, especially in Los Angeles, will be excellent for the next ten years.

seven years ago with the assistance of Mrs. Eleanor Roosevelt and Dean Acheson. They believed that such an organization would impart a knowledge of the United States foreign affairs and those of other countries, and that this would make the students better citizens and promoters of peace-making policies in later years.

Students are selected through competitive methods, involving oral tests on various subjects pertaining to the United Nations and the country they will represent.

"A class to orient and inform interested students is held Thursdays from 1 to 4 p.m. listed as Social Science 499, to outline the general objectives of the United Nations and the Model United Nations," says Don Sci Instructor Tom Nolan, who is leading the class. "Courses of suggested study are given these people, as they meet weekly to compare and gather information." Students unable to attend this class are invited to a meeting in Lib 115C on Thursday, Jan. 22, at 7:30 p.m., where the same course will be outlined.

Typical questions that might be asked of students who have completed the course and are competing for delegate status fit generally into three categories: knowledge of the United Nations and the proper formation of resolutions. At the conclusion of the class sessions, those who attend regularly and completed the outside research should be ready to take and pass the oral examination. The examination is given by a panel of five people composed of students and faculty members.

"Delegates may come from any department in Cal Poly's curriculum. No student is allowed to compete if he has below a 2.0 grade point average."

All important, said Robert Holley, senior Social Science major who attended the model UN in 1956 and 1957, "is the realization that although modified, the Model United Nations duplicates the United Nations as closely as can be done by students the amount of time allotted."

"Expenses are relatively low," continues Holley, "when you consider what a fascinating and educational experience the Model UN offers."

A \$36 registration fee is paid to the host school, while each delegate spends about \$80 on food and lodging. SAC has allotted \$250 which will cover most of these expenses. However, often extra costs arise for mimeograph paper, stamps and miscellaneous items when a delegate presents a resolution.

There are four similar conventions throughout the United States during the year. Delegations meeting at USC will represent the greater part of the Pacific west. Others are held in the eastern United States; the south and the north. They are all separate conventions, however. Last year the Pacific west gathering was held in Seattle, Washington. (To be continued)

## Security Location . . .

Student's attention is called again to the fact that the Security department has moved its office to the firehouse. Parking stickers and "lost and found" are still handled at the warehouse, but business connected with traffic citations and all other Security department business can be taken care of only at the firehouse.



PCI CHAMP . . . Terry Smith found going out so easy when he met Fred Martin last Friday. Sacramento won 5 to 3. (Photo by Keeble)

## Hornets Dump Mustangs; Hailey Surprises Flood

by Don Roberts

Displaying an unusually strong early season punch, coach Tom Lee's Mustang boxers, though succumbing to a strong Sacramento State squad Friday night 5-8, proved one very definite point: Cal Poly, with added experience, will be tough this year.

Crandon Gymnasium, complete with a capacity crowd of 1400 hoarse-voiced patrons, was the scene of the 1959 season opener.

In the curtain raiser, Cal Poly's Sheldon Green finished strong in the final round to earn a split decision over Sacramento State's Jim Johnson in a special no-point 147 pound tiff.

Mustang Jerrold Gebbie, who sparkled in the Christmas Novice Tourney, ran into 135 pounds of flying leather in the form of Larry Lewis, talented Hornet Freshman. Lewis, sporting a flashy bob-and-weave style, won the unanimous nod from judges Leo Philbin, Everett Dorough, and Bill Hendricks.

Bouncing back in the next match, the Mustangs, featuring a very smooth Ibrahim Samarraie, garnered their first point of the evening. Frank Renna, Hornet 133 pounder, was the victim of Samarraie's unanimous decision.

Bob Alvarez, Cal Poly 139 pounder found Hornet George Waggoner's reach and height advantage a definite obstacle, as Waggoner, a freshman with unusual polish, took top honors on all three cards.

The tempo increased as veteran Mustang Sam Marques squared off with stocky Dan Dire in the 147 class. Marques, explosive at several points in the fight, found Dire a most evasive target much of the time. Referee Paul Fishbeck, former Mustang pugilist, warned Dire several times for hitting on the breaks. Judge Philbin gave the fight to Marques 80-87, Dorough saw it 80-88, Dire, and Hendricks scored a 80-80 draw, resulting in the final decision a draw.

After the intermission, with the Hornets leading 2 1/2-1 1/2, Crandon Gym rocked with some of the most fierce matches in recent history.

Highly touted Terry Smith, 1958 PCI 155 pound champion for Sacramento State expected a mild workout at the hands of Mustang Freddie Martin, however Martin had other ideas. Smith, with an apparent background in wrestling, took a highly unpopular split decision over stylish Martin.

As if a PCI champ wasn't enough, the Hornets came up with two-time NCAA 165 pound champ, Jim Flood, who was pitted against Mustang veteran Walt Hailey. Pre-flight temper had Flood a shoo-in, but Hailey, like Martin, showed no timidity toward his opponent. The ensuing battle proved to be the hottest altercation seen in local circles for some time. Flood, obviously polished, and Hailey, surprisingly good, battled at even terms for the first two rounds.

The closing minute of round three blew the top off of the house, as Hailey staggered the NCAA champ with a solid right, and appeared to take full control. Flood weathered the storm and finished on equal terms with Hailey.

A resounding chorus of boos greeted ring announcer Dick Manini as he announced the verdict: Flood on a split decision. However, after a re-check of the ballots, it was discovered that only one judge



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## Hughes, Hill Like Grid Rule Changes

Football rule changes recently passed by the National Collegiate Athletic Association, which included the widening of the goal posts by 4 feet, 10 inches, will be an aid to small colleges, believes Coach Roy Hughes, California Poly's head football coach and athletic director.

Hughes feels the goal post change will put the foot back in football and that the new substitution rule, which allows one man to enter the game anytime the clock is stopped without having his entry counted against his team, will assist the team with a short squad. Hughes explains that the rule will allow a coach to put in a kicking specialist or possibly a defensive man.

However, this year's rule still is in effect which says when two or more substitutes enter the game each man will be recorded and will be allowed only one more entry in that quarter. Another rule which the Cal Poly coach feels will aid the small college is increasing the allowable time outs from four to five each half.

Widening the goal posts will probably mean a two day job for the college maintenance crew. L.E. McFarland, chief of maintenance, says the present goal posts are made of six inch pipe and are set in cement four feet deep.

This is the first time in collegiate grid history a change has been made in the width of the goal posts.

"A good deal," is the comment of Willie Hill on the goal post change. Hill, a kicking specialist, booted 18 yard and 22 yard field goals last season and made 14 out of 20 point after touchdown kicks.

favored Flood, while the other two scored draws. The official decision, though highly unpopular with Hornet Coach, Hank Klempner, who made the fact well known, was a draw.

Mustang veteran, Don Tessier, fighting at 175 pounds, though lacking his 1958 aggressiveness, didn't find much trouble in posting a unanimous decision over Sacramento's Joe Jiminez.

Norm Tavalero, Hornet heavy-weight won his match via the forfeit route, as his scheduled opponent, Fred Odie had earlier dropped from school.

Texas and UIC are the only teams in national collegiate baseball championship history to drop a first-round game, then come back to win the national title. Texas did it in 1950 and the Trojans did it in 1952.

## Cagers Face Westmont; Drop Third CCAA Tilt

Coach Ed Jorgensen's Mustang cagers will step out of league play tonight to do battle with the Westmont College Warriors from Santa Barbara here at 8:15. The Mustangs downed Westmont twice last year and are a good bet to repeat the performance this season. Saturday night the locals dropped

## Cagers May Add Win; Kent State Offers Forfeits

Coach Ed Jorgensen's basketballers may have another win on the record following an announcement that Kent State, winner over Cal Poly and University of Hawaii in the Santa Maria Winter Classic in December, has offered to forfeit the games because of a player being scholastically ineligible.

Jorgensen says he will meet with Joe White, Hancock College coach and tourney director, and Art Gallon, Santa Barbara College coach, to decide if Kent is to forfeit and return the trophy.

Officials of Kent State made the announcement following a ruling last week by the Mid-American Conference that Bob Thomas, Kent State senior and member of the starting five, was ineligible to play six games between the fall and winter quarters. Thomas was not eligible to return to competition until Jan. 6. Thomas rejoined the squad early in December after university officials said he had regained academic eligibility.

Jorgensen explained a meeting with White and Gallon had been planned for Thursday before the announcement by Kent. "We were to discuss future plans for the winter cage classic, anyway," Jorgensen said.

## Madden Praised For Play In Arizona Grid Bowl

John Madden, Cal Poly's senior tackle, has been commended in the "Sporting News" for his play in the Major-Minor College All Star game held in Tucson, Ariz. Jan. 8.

The national sports newspaper singled out Madden as a star calling him "the quick-moving, 260 pound tackle," Stan Jackson, of Cal Poly, Pomona, also drew praise in the article authored by Lou Pavlovich.

Madden has signed a professional football contract with the Philadelphia Eagles.

Idaho State owns the national collegiate boxing championships scoring record of 54 points set in 1957.

their third straight conference game. Defending champion and title contender Fresno State dealt the Mustangs a 65-50 blow, winning their first league game in two starts.

Temper flared in the opening minutes of the second half when play got rough under the baskets and threatened a repeat performance of last year's tussle in the San Luis Obispo high school gym. But, the referees jumped in and restored order waving Mustang 6 foot 9 inch center Gary Alcorn forward Mal McCormick from the floor. McCormick jostled Fresno's 6 foot 9 inch center Gary Alcorn after the Bulldog pivot-man had, none too gently, nudged the Mustang from his path in going after a rebound.

Fresno's tight man-to-man defense didn't allow the Mustangs to score until six minutes into the game. By then the Raisin City boys were leading 11-0. Although the locals took their share of the shots, they couldn't pry the lid off the basket as the ball rolled in and out time after time.

With Fresno leading 22-23 at halftime, the Green and Gold picked up speed and closed the gap to six points, 28-22, five minutes into the second half. But a full court press failed to rattle the visitors and they regained a 10 point lead. Ten minutes later the Mustangs again got as close as six points, but the Fresnoans regrouped and slammed the door in their faces while rebuilding a comfortable lead.

Alcorn was high in the scoring department with 21 points while Jerry Shackelford tallied 10 for Cal Poly.

Scoring: Fresno: Williams, 10; Swer, 12; Hendricks, 4; Gilcrest, 4; Brown, 5; McCarty, 3; Oliver, 3; Alcorn, 21; Cal Poly: Webster, 6; Clark, 6; Jobby, 7; Shackelford, 10; Dickinson, 5; Ryeraw, 3; Campbell, 3; Thelford, 2; McCormick, 1.

## JV Wrestlers Lose To San Bernadino JC

Cal Poly's JV wrestling team coached by Weber Lawson, lost to a well conditioned San Bernadino JC crew last Thursday, 25 to 6. Howie Bryant, 125-pounder, and Ben Pas, 167-pounder, were the only Poly winners.

The next JV match will be this Saturday here when Cal Poly hosts the annual Junior College Tourney.

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# 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 name or address is desired as a signature, it is permissible, but the editor must know the true name of the author.

## Shutter Clicker Speaks . . .

Dear Editor:  
I would like to know why it is that people when confronted by a press camera undergo a complete change of personality. It has been my observation that as soon as the press camera confronts these people, they have to see how childish they can act in the least amount of time.

Normally a group picture can be taken in approximately ten to 15 minutes, but when a few people seem unable to hear the photographer's directions it takes twice the normal time.

Also, photographers have arrived to take a scheduled picture and have been made to wait until the club's business meeting is finished.

Here are the facts! Presently Cal Poly News Bureau photographers number eight. We do all the photographic work for the El Rodeo, El Mustang and News Bureau. We get two units for a four hour lab and an hour meeting each week. We average approximately ten assignments a week that take a total of about five hours. That's a total of ten hours for two units.

I am not saying that we deserve any more units, but trying to show that we do spend enough time taking pictures without being hindered by uncooperative subjects.

I have also gotten complaints when taking pictures that only half of the club has shown up. This I must clarify is not the photographer's fault at all. The photographer has nothing to do with scheduling of picture times. It is his or her job just to take the picture.

I would also let it be known that photographers are quite human and very capable of making mis-

takes. So when a picture has to be retaken the photographer does not enjoy going through the same ordeal a second time any more than the club.

I hope that writing this will affect some people and also hope they will have a little more consideration for the photographer.

After taking 80 or 40 club shots patience does run out.

Paul F. Grill

## Really, now . . .

Dear Editor:  
Is it true that "Playboy" is coming to Cal Poly?

Duane DeVincenzi

Editor's Note: Definitely

## College Union Sets Hearst Castle Tour

A tour to Hearst Castle is being planned by the College Union outings committee as a finale for College Union Week on Sunday, Feb. 1. Buses will leave the campus at 1 p.m. and return by 6 p.m.

Steff Murdock, Outings Committee Chairman, commented that student tour rates are being investigated. A college bus will be provided free of charge for transportation to and from the castle.

Hearst Castle is located at San Simeon and is one of the outstanding landmarks of California. Dedicated to the state by the late newspaper publisher William Randolph Hearst, the estate houses fabulous art treasures valued at \$50 million, combined with luxurious relics of the 1920's.

## Get Concert Ducats Now or Stay Home!

Students are warned by College Union Assemblies Committee to buy tickets for the George Shearing concert immediately if they expect to attend. The student body office reported half the tickets sold yesterday afternoon.

"Many people don't like to plan their evenings in advance," said Mrs. Kay Williams, Activities Advisor, "but they may be disappointed if there are no tickets left. From all indications the concert will be a sell-out."

George Shearing and his quintet will play in the A. C. Aud. Wednesday, Jan. 28, beginning at 8:15 p.m. Shearing, world renowned blind jazz pianist, will appear in a two hour concert through the sponsorship of the College Union assemblies committee. Tickets are on sale in the A. S. B. office at \$1 for A. S. B. card holders and \$1.50 for general admission.

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## CLUB NEWS

### Social Science Club . . .

Dr. Norman Cruikshanks, Social Science Department Head, showed slides taken last summer during a European tour, to members of the Social Science Club, at a meeting Thursday night.

Supplementing Cruikshanks' talk was Bob Downey, senior Social science major, who was a member of Cruikshanks' tour. He also showed his slides, and gave some highlights of the trip.

In addition to the thirty members of the club, more than 15 visitors attended the meeting.

★ ★ ★

### Beta Beta Beta . . .

There will be a regular meeting of the Tri-Beta Biological Society at 7:00 p.m., Wed., Jan. 21, in Sol. B-5.

Mr. Gene Needham, the local San Luis Obispo game warden, will speak to the group on "The Enforcement of Conservation of Laws."

"Everyone is invited to attend this meeting," says Erwin Haydock, chairman.

★ ★ ★

### EE Wives . . .

Dr. C. W. Ferris will address the Electrical Engineering Wives club at a meeting to be held Jan. 21 at 8 p.m. in the Electrical Engineering building, room 46.

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### Newman Club . . .

The Cal Poly Newman Club is sponsoring a snow party Jan. 30 to Feb. 1.

The party is open to all Newman Club members and their friends. Anyone interested in attending may contact Dick Jacobs, club president, in P.O. Box 1936.

★ ★ ★

### Poultry Club . . .

A Poultry Club meeting will be held on Thurs., Jan. 22 at 7:30 p.m. in the large classroom at the poultry plant.

Guest speaker for the evening will be Mr. Roscoe Hoover, Branch Manager for a Poultryman's Co-operative Association Plant.

★ ★ ★

### English and Speech Club

The English and Speech Club will meet Thurs., Jan. 22 at 7:30 P.M. in Lib. 114.

Dr. Paul DeVille, widely known author and lecturer, who is currently writing a series of seven historical novels will be featured as speaker. His topic will be "What Goes Into A Historical Novel?"

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## Fresh Week Counsellor Deadlines Moved Ahead

The deadline date for submission of Welcome Week counsellor applications has been moved up from Monday, Feb. 9, to Monday, Feb. 8. Mrs. Kay Williams, Activities Advisor, reported this necessary because of the large number of applications already received.

Mrs. Williams said 30 applications had been received by Friday noon and more were coming in rapidly.

All applicants are required to sign up for an interview when they submit applications. Interviews will be during the week of Feb. 8.

"Welcome Week gives students a valuable opportunity to gain leadership training through acquainting new students to Cal Poly programs and philosophy," Mrs. Williams said. She added that representation from every field of activity of the college was being sought.

Applications may be obtained from Mrs. Williams in the A.S.B. office.

Two camps will be held next year during the new student orientation program. One will be at Camp Pinecrest, where the camp has been held in the past and the other will be at Camp Ocean Pines. Both are near Cambria. Welcome Week dates are Sept. 18 through 19.

## Architect Wins Cover Contest On 1959 Yearbook

Peter K. Phillips, a senior Architectural Engineering major from San Luis Obispo, submitted the winning cover design that will be used for the 1959 El Rodeo. The cover design contest was held informally among the members of Scarab Fraternity last fall.

Phillips' entry, a modern design, depicts in black, white, and red the construction of new buildings on campus, in following with the yearbook's theme—"expansion".

Selection was made by Ken Carpenter, El Rodeo Editor, and Loren Nicholson, the yearbook's advisor.

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## Deadline Tomorrow For Car Economy Run

The Society of Automotive Engineers is urging students to participate in the Cal Poly Safety-Economy Run Saturday, Jan. 24. Anyone holding a student body activity card is eligible and can obtain his or her entry form from the A.S.B. office. The deadline for entries is tomorrow.

The run will be a test of skill and safe driving practices and is patterned after the Mobilgas Economy Run. A limit of 50 cars will be entered with the General Petroleum Corporation furnishing all the gas. Immediately after the run trophies will be presented in both imported and domestic car classes.

## El Mustang

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## Moeller to Speak To Campus Welders

"Practical Aspects of Welding High-Strength Aluminum Alloys for Nuclear Reactor Vessels," will be the topic of John W. Moeller as he speaks to the student branch of the American Welding Society Fri., Jan. 23, at 7 p.m. in Sol. B-5.

Moeller, Welding Engineer at Consolidated Western Steel Division of United States Steel Corp., has served as Welding Consultant, Ralph M. Parsons Co., Manager of the Welding Division, Pacific Metal Co., Ltd., and Chief Welding Instructor, at the fleet welding school, U. S. Naval Repair Base, San Diego.

## Heron, Palomar Set Public Dance For February 7

"One of the biggest and best dances of the year" is set for Feb. 7, according to Barbara Hannon, president of Heron Hall which is co-sponsoring the dance with Palomar Dorm. The dance is scheduled for the Veteran's Memorial Building from 9 to 12 p.m. with the Collegians supplying the music.

Committee chairmen are: Kerry Keller and Judy Donoho, decorations; Sue Willhoit, publicity; Shirley Otto, refreshments; Joan Soares, invitations and coat check. The dance is open to the public.

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Would Be 2.50-3.50-5.00-7.50

**El Corral**

IN THE BASEMENT  
OF ADM. BLDG.

**Editorial:****Something Stinks!**

With all due regard to Shakespeare—Something is rotten in Santa Barbara. And we don't mean the fishy smell that blows across La Playa Stadium during football games.

It's more than that. It's the odor that erupted from the Channel City when University of California, Santa Barbara officials thought they had something on our football team. A hard arm cast found under a stack of towels in the Poly dressing room after the game started the whole thing.

The cast was the type which the NCAA had recently outlawed. Santa Barbara termed it "illegal protective equipment".

Granted. It would have been, had it been used in the game. This "illegal protective equipment" in question is the cast Willie Hudson was wearing on his broken wrist, at least Hudson was the only Mustang to wear such equipment. But it's also the same type cast that was removed before every game and replaced with a legal binding of adhesive and plastic tapes and sponge rubber by Dr. Art James.

**Claim Faulty Cast**

But, let's look a little farther. Hudson, who, by the way received an honorable mention on the little all-american team this year, needs a hard arm cast to get by in a football game even with a broken arm about as much as we need another hole in our head. Any who watched him closely this season will vouch for that.

And Coach Roy "Silver Fox" Hughes said, "When I have to resort to illegal equipment to win football games, I'll take a job peddling milk."

Hughes had already explained the finding of the hard cast twice before the big smoke erupted from the southern camp. It was brought up at a conclave in Santa Monica where it was explained, at a meeting where Santa Barbara's head coach, Ed Cody, was not present. Hughes explained it personally to Cody at the NCAA meeting in Cincinnati just two weeks ago. Nothing more was said until the Gaucho newspaper stirred it up.

It seems rather odd that Santa Barbara was the only one to get heated up about it. Hughes commented that if they were really looking for something, they could have found such a cast in every dressing room the Poly team was in after the game at San Jose. It was in the Spartan-Mustang game that Hudson broke his wrist.

Perhaps what really scorched their collar-buttons was the night Cal Poly invaded their city as the Mustangs outclassed and outplayed the Gauchos while our rooting section out-yelled the home crowd. An invasion par excellence.

**Sever Football Relations**

But, first things first. Some have called it a camouflaged move to sever football relations with us. The trouncings they've been receiving of late give them enough reason for such a thing. But, why hide it.

The Telegram-Tribune said "Hughes, naturally disturbed over this mystery treatment of a case that had been fully cleared by the CCAA at the December meeting, indicated that the only reason he could see in Wilton's (UCSB athletic director) action is a desire to break with the Mustangs in their football relationship.

"But if this is the case and Wilton wants to stop meeting us in football," Hughes said, "why doesn't he just come out and say so instead of casting a slur on my integrity and the integrity of Dr. James?"

Let's take a look at a few words from El Gaucho, UCSB newspaper: "According to Wilton, the cast runs from the knuckles to the elbow, with an opening for the thumb. It is sharp as a razor blade, sharp enough to cut a jugular vein or put an eye out. It is also very hard. It would be like getting hit with a piece of wood."

"According to reports, Gaucho tackle Ralph Scales was cut badly around the mouth during the game. Some observers feel such an injury could only have been inflicted by a sharp device."

Further on, El Gaucho says, "I accept Hughes' explanation of the cast at the present time," Wilton stated. "The onus is on Cody who made the charges and originally requested that the charges be brought to the CCAA meeting."

**UCSB Owes Us Apology**

"Wilton pointed out that there are several unfortunate aspects of this situation: 1) That the question was not ruled on he field during the game, 2) That the device wasn't available at the CCAA meeting and 3) That Coach Cody had business in Chicago and wasn't able to attend the meeting."

But here's the topper. El Gaucho goes on "Players are obligated to show all protective devices to the referees before entering a game, to speed up the game most officials go into the dressing rooms before it starts and ask what equipment needs to be cleared for sharp edges and other possible injurious structure." That's it. Where are the referees that checked the binding on Hudson's arm?

We think an apology is in order. They promised one if they were found wrong. Now that the whole thing has been explained to them three times they should realize exactly what the score is. They were standing on pretty thin ice anyway, and now it has been chopped out from under them.

**El Corral Starts Mail Order Book**

For the first time, a Young Farmers Supply Catalog will go out to members all over the state, according to Duke Hill, El Corral manager. The mailing list was furnished by the Vocational Agriculture Department in Sacramento, sponsor of the Young Farmer group.

El Corral will be the distributor for Young Farmer supplies throughout California, as well as issuing this regular standard mail order publication. No charge is made for the catalog, which has been made possible by student labor—printing as well as advertising.

**Lovett Urges Students To Get Polio Shots Now**

Students should receive their polio shots or booster shots as soon as possible, says Dr. Earl Lovett, head of the Cal Poly health center.

Polio shots are given in a three shot series. Dr. Lovett announces, on the advice of the Polio Foundation, that a fourth shot be given one year after the end of the series.

Polio shots will be given at the health center from 8 a.m. to 5 p.m., Monday through Friday.

**Personnel Changes Made in CU Group**

Several personnel changes in College Union have been announced by Glenn Farber, Personnel Committee Chairman.

The changes involve public relations, outings, and socials, and include a new Temporary College Union manager.

The new C. U. board public relations vice-chairman and head of public relations is Stanley Brager. Social committee chairman is now Ken Belden and the new T.C.U. manager is Bob Lewis.

Other new committeemen include: Sue Bromley, treasurer of outings; Chuck Cook, treasurer of public relations; and Cathy Phipps, secretary of the social committee.

**Girls' Dorms Plan Religion Seminars**

Two on-campus girls' dorms, Jespersen and Heron Hall, are planning to observe Religion in Life Week by having guest speakers.

The Rev. Don Doffner is scheduled to speak tonight at Jespersen on family relations.

Marriage and family relations will also be the topic of Rev. Norman L. Conard when he speaks at Heron Hall tomorrow night.

**SAC Members Show Good Study Habits**

Although spending many hours a week in student government activities, Student Affairs Council members attain a 2.6 grade point average for the fall quarter, according to Dan Lawson, Associate Dean of Activities.

Roger Perkins, agricultural council representative was high with 3.0. Tied for second place are Dick Robben, ABB secretary and John Zacharias, junior class representative, with a 2.5 average.

SAC's average was four tenths of a point higher than the over all student body mark of 2.2.

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## Cuban Honored . . .



**FIDEL'S FRIEND**— Henry Gaspodes, senior dairy husbandry major shows a Certificate of Honor for duty under Cuban rebel leader, Fidel Castro. (picture) Henry received the award for action against the Batista government which led to his deportation. He is scheduled to return to Cuba upon graduation to rejoin Castro's forces who were successful in overthrowing the Batista regime. (Photo by Steve Mott)

## Colts Learn While Students Teach In Tense Test Of Time

"It's inspiring to work with young men and women—especially when they're coupled with young horses," says Bill Gifford, "Putting the two together often creates some tense moments, but invariably man survives and comes out on top."

Gifford, who wears "William R." with his collar and tie, is a member of the animal husbandry faculty at Cal Poly. He specializes in horses and formerly was in charge of horse training for the Ed Wright Stables and the 1001 Ranch at Riverside. Now he presides over Cal Poly's thoroughbred and quarter horse activities, and his high point of the year is his "Colt Training Class" designed to teach students the art of starting and training young horses.

"Each student," explains Bill, "is given a green colt at the beginning of the quarter and is responsible for its care and training. A method or system is demonstrated either by myself or a former student. Then, under careful supervision, the student starts his or her colt and progresses as far as practical for the two-and-a-half month period. Here, just as in other fields at 'learn-by-doing' Cal Poly, we believe that you can read and listen to a fare-you-well but that learning isn't effectively accomplished until the student actually puts his material to work under supervision, then by himself.

This colt training course was designed to teach students to start and train under ranch employment conditions. The colts are backed out and gentled from the ground while under restraint and are taught to give to the snafflebit or hackamore. After a few days of ground work, they are ridden. The colts may go snubbed for a few saddleings depending on their age and how well they responded to early stages of training. Within a week or ten days, they're far enough along to be out in the hills and ready to go to work and do what a rancher would expect of such a young horse."

"The class helps with cattle work on campus a few days a week, and other days are spent teaching the colts to turn, circle, correct leads, stops, early rope training, leading in a trailer, and so on."

"The student not only learns through the actual handling of his or her own colt," Gifford points out, "but receives valuable knowledge by observing each of the twelve to fifteen colts in the class."

"They learn that each one is different and needs individual handling according to age, temperament, environment, and natural-born

characteristics." "And I guess," adds Bill, "that as a teacher I'm learning the very same things about the youngsters that they're learning about their colts."

This fall's training class saw some horse history written. Not long ago, Mr. and Mrs. Channing Peake of Lompoc gave all five of the last crop of Driftwood fillies to Cal Poly. Horse-hearted students from Cal Poly have long regarded the Peake Ranch as a prime bit of earth-heaven, the Peakes have followed the Cal Poly program closely, and wanted to keep the final Driftwood crop all together. This year then, the fillies were started in the colt training class.

"Already," reports Gifford, "they show the Driftwood working ability with correct stops, turns and speed. They show excellent prospects."

Then he returns to his favorite theme: "It's a wonderful situation," he says, "to be a teacher where both horses and young people are working each other. And, believe me, they do!"

## Russia OK's Tours For US Students

The Soviet Government's Intourist office has approved a series of four summer travel programs for American students and teachers, who will see a region which, until recently, was forbidden to foreign visitors.

These unique seminars will travel by charter motorcoach from Helsinki along the newly opened highway to Moscow, visiting Leningrad, Novgorod, and Kalinin en route as well as many rural villages.

These educational tours will also include visits in England, Belgium, Holland, Denmark, Sweden, Finland, Luxembourg, France, plus East and West Germany including the two Berlins, and Poland and Czechoslovakia.

The Maupintour travel organization of Lawrence, Kansas, is sponsoring the tour series and illustrated brochures giving all details may be obtained from Maupintour.

## Deported Cuban Dairy Student Plans Return

by Frank Jacinto

The sugar cane leaves rustled slightly in the early morning breeze and a low murmur rose above the heads of a 1000 University of Havana students as they whispered to one another in a Cuban cane field.

As each student took a folded paper from a large bowl he opened it quickly to see if he would be one of the 25 to strike a blow that day against the Cuban government. Of these 25 Fidel Castro rebels who drew marked papers, 20 were handed briefcases, the remaining five were assigned to drive the cars provided—to take them to their destination. All the briefcases weighed the same, but only four of them contained time-bombs; that way no one knew who had a bomb.

At 10 a.m. the five cars and their cargo pulled up outside the Cuban capitol building. The 20-briefcase-carrying students walked tightlipped up the broad concrete stairs and past the armed guards at the entrance. Fully realizing the consequences if they were caught, they showed no outward sign of fear as they walked calmly towards the balcony overlooking the Senate floor.

Their orders were to place the briefcases strategically, but inconspicuously about the senate's chambers. The bombs were set to go off at 10:30 a.m. when the heads of the government and army were assembled.

At 10:30 a.m. the job of placing the briefcases was complete and the students prepared to leave. Walking slowly, so as not to arouse suspicion, the students had almost gained the exit when the bomb exploded at 10:32 a.m.—18 minutes prematurely. Leaving 48 dead and many wounded, the students hurried out the door to the dismaying sight of 100 armed soldiers encircling the building.

As martial law had not yet been inaugurated, the students were not shot on the spot; but were jailed, tried and deported.

"There must have been a traitor among us," said Henry Gaspodes, Cal Poly dairy husbandry senior, "how else could the soldiers have been waiting for us?"

Henry, one of the 25 students deported to Mexico in 1955, was unable to return to Cuba under the Batista regime and has been studying in the United States

## Service Keeps Book Prices At Minimum

"Book prices could be higher," warns "Duke" Hill, bookstore manager, "if it wasn't for the effective distribution service provided by the publishers."

Hill explained that the publisher takes the responsibility of bringing textbooks to the attention of the instructor through personal calls by representatives, by direct mail, and by space advertising.

When the instructor decides on a given text or reference book for his class he notifies the bookstore of this choice and the estimated number of students who will purchase the book. The bookstore then takes over the full responsibility for supplying the book to students, making certain, if at all possible, that the books are available in time and in sufficient quantity.

Some 2800 bookstores throughout the country have established trade relations with the great number of publishers through whom their purchases are made.

The bookstore corresponds with the publishers in regard to unsold copies, damages, shipments and related matters, simplifying the job of ordering books for all concerned.

## Tired ?

Is it hot in the rolling-mill? Are the hours long? Is \$15 a day not enough? Then escape is very easy. Simply throw up your job, spit on your hands, and write another "Rosenkavaller."

H.L. Mencken

## Playboy Seeks Campus Reporter

Playboy, the entertainment magazine for young men, is seeking student representatives to work for its college bureau on campus.

The Playboy college representatives act as reporters for the magazine on campus life and trends. They also act as a direct liaison between Playboy's national advertisers and local outlets.

Work on Playboy's college bureau provides practical experience for anyone interested in public relations, journalism, merchandising, advertising, and sales techniques.

Any student interested in representing Cal Poly should write for complete details to: Annon Mount, Director, Playboy College Bureau, 222 East Ohio Street, Chicago 11, Illinois.

## Championship Form....



**CAUGHT IN THE ACT**—Barbara Hannon shows the form that won her the Southern California Dance Champion title as she practices for the coming Pismo Beach Rollerapades. Barbara, a physical education freshman, has aspirations of being an activities co-ordinator upon graduation.

## Skating Champion Swaps Roller Skates For Career

Smiles, ambition and a love of skating seem to best describe Miss Barbara Hannon, Southern California Roller Skating Dance Champion, a Cal Poly freshman physical education major.

Barbara has only been skating for the past two years yet is already recognized in California top notch novice skating ranks. She has participated in many dance contests in various parts of the state, winning the title of Southern California Dance Champion in 1957. Hailing from La Habra, California, Barbara has been recruited by the Pismo Beach skaters to perform in their Rollerapades festivities next month.

When asked if she plans to continue skating as a career, she dreamily said that she wished she could, but she is studying to be an activities co-ordinator and she hopes to work at a park or summer resort upon graduation. Barbara claims all intentions of becoming a career girl.

The energetic lass devotes

time to college activities also which gives her valuable experience in her chosen field. She belongs to the Rally committee, the TCU public relations committee and is president of Heron dorm.

Fitting well into her major, Barbara also excels in swimming and has performed in many aquatic presentations in the southern California area.

"Visit to small planet," Gore Vidal's Broadway and television comedy hit, will be produced by the College Union drama committee and presented by the Poly Players on Jan. 29, 30, 31 at the San Luis Obispo Senior High School auditorium.

Tickets are \$1. general admission and \$2.50 for students, and may be obtained outside of El Corral and in the ASB office.

The science-fiction comedy is the first to be presented this year by the College Union drama committee.

## Up From The Depths.....



IT ALL BEGAN... 30 million years ago this chain of mountains was born in a streaming rush up from the ocean. Six of the thirteen peaks are: 1, Lelay Hill; 2, Terrace Hill; 3, Cerro San Luis Obispo; 4, Bishop Peak (across from Cal Poly); 5, Cerro Remauldo; 6, Hollister Peak. (Aerial Photo by Bill Tumlin)

## Volcanic Violence Marks History of Mountain Chain

by Bill Tumlin

Imagine standing on Bishop Peak, across the valley from Cal Poly, and watching Cerro San Luis Obispo, a mass of molten andesite, rising out of the boiling ocean amid huge clouds of steam.

This is how a chain of 13 mountains, stretching from Lelay Hill, close to the county airport, to a submerged giant beyond Morro Rock, was "born" 30 million years ago in the Miocene age, according to geologists.

The history of these mountains dated from the Jurassic age, 180 million years ago, is marked by violence and change. The repeated appearance and disappearance of these mountains was of a violent nature, either volcanic or by faulting and folding of the earth.

Many minerals in this area, have been produced by this heated past, including garnet, pearly mica, chlorite, quartz, and lawsonite.

Seven sedimentary formations in this area, separated by five unconformities (changes), mark periods of elevation from the sea, and erosion. Some of these elevated periods were long, and thousands of feet in thickness were removed by erosion. These sedimentary formations include both marine and fresh-water deposits—part of San Luis Obispo county, near Paso Robles, was a giant fresh-water lake.

Turning to the present, and a source-book by H. W. Fairbanks, expert geologist of the U. S. Geodetic Survey, it happened like the formations show—the mountains arose from the sea.

The first one, Lelay Hill, across from the airport, is followed by

Terrace Hill and Cerro San Luis Obispo, which straddle the city. Next, across Foothill Blvd., is Bishop Peak, then Cerro Remauldo, Hollister Peak, Rocky Butte, Black Hill (at Morro Bay golf course), Morro Rock, and the submerged winter in the ocean. There are other less-known ones.

Probably the most spectacular of the peaks is Morro Rock, often described as the most striking scenic feature on the Pacific coast. It is about 600 feet above the sea, available only at one point. It was once separated from land by the Pacific.

Exceeding them all in beauty, Hollister Peak stands 1,415 majestic feet above the Chorro Valley and Highway One. Its sheer cliffs of pink and gray rock is a sight of continuous inspiration to residents of the area, since it is easily visible for miles around. It often wears a crown or halo of the cooling fogs brought to the coast by the even winds off the Pacific. Artists come from points far and near to try and capture its beauty with oil and canvas.

This chain of peaks, running 16 miles down the Chorro Valley are considered to be volcanic "plugs", and are potash, feldspar, quartz and andesite.

San Luis Obispo county has been so amply blessed with building stones in abundance, it is surprising to geologists it is not furnishing California with much of its requirements. Fairbanks, in his appraisal of the area for the U. S. Geodetic Survey, said much of the rock would be easily quarried, and quite near rail lines.

He cited the quality granite in

## Veterans Benefits

Many veterans have been mistakenly advised into saving their training allowance benefits until a time when they may have a greater need for them.

Cases have been uncovered where veterans who were living at home or during periods of summer school have elected not to go to school under Public Law 550 in order that they might save this entitlement for graduate study.

"This is an unsound practice and rarely is in the best interest of the veteran," explains H. Harlow, local VA office manager. "California veterans should keep in mind that after their federal benefits have been exhausted they are still entitled to a \$1,000 state educational entitlement at a rate of \$50 per month."

According to the VA, many veterans are forced by circumstances to suspend their training before their goals are reached. It is wisest to make use of all benefits while they are available, VA advises.

A survey by the VA Information Service, Los Angeles, reports to date more than 1,000,000 Korean veterans have gone to college under the GI program. Another 1,000,000 have taken other types of training in schools under the college level, on-the-job, and on-the-farm.

Business administration, engineering, and teaching are the three top choices of veterans attending college under the Korean GI Bill the survey reports.

Number one choice of the GI engineering students was electrical engineering, followed by mechanical and civil engineering.

Information concerning veterans entitlement may be secured at the local VA office, 864 Santa Rosa Street, S.R.O.



**HEROINE...** Claire Heady, above plays opposite George Grisman in the lead parts for CU's winter production, "Visit to a Small Planet." Claire brings experience to the part, having acted for two years while at Glendale College and in little theatre work in Glendale, including the Center Theatre and Foothill Curtain Raisers. She is the wife of aeronautical engineering major Paul Heady. They now live in San Luis Obispo.

Rocky Canyon, near Paso Robles, the dacite and andesite near San Luis Obispo, and the sandstones through Cayucos and Cambria, as examples.

Dr. Richard A. Pimentel, of Cal Poly's biological science department, says this entire area is still changing—still following the up and down cycle.

Who knows where Cal Poly will be 150 million years from now? Maybe it will be startling fish on the bottom of the sea!

## Engineers Should Think More About Registration

by Gil Peirce

"Too many young engineers are taking too lightly the subject of professional registration—getting their state license," claims James G. Andresen, assistant to Cal Poly's Dean of Engineering.

Tamping a fresh load of tobacco into his favorite briar,

Andresen explained, "There are phases of industry where the possession of a license is not only desirable but mandatory."

According to Andresen, a night class will be offered for credit embodying the scope of the typical Engineer-in-Training (EIT) exam and serve as a "brush-up" for the real thing—to be given April 25. The course is ME 400-EIT Seminar—Monday 7-9 p.m.

Full information about applying for the EIT exam (final filing date Feb. 1, 1959) can be obtained from the dean's office, Adm. 117. Also El Corral has on hand a limited supply of published booklets giving recent EIT exams and answers.

Under the Business and Professions Code of California Law, to advertise your services as an engineer without being registered, even for such fields as radio and

TV service, is a criminal offense. Also, in most areas, only a licensed engineer is authorized to sign his name as design engineer of a set of plans where a public interest exists.

"Most organizations, including state and federal agencies, place a higher premium on the licensed engineer. This means better pay and opportunities for advancement."

"The first step to becoming a licensed engineer is applying for and passing the EIT exam, now given every eight months. The student should take this exam while still in school if at all possible. Once he graduates and leaves the campus, he tends to specialize in his particular field, thus losing contact with important but now unused engineering principles," Andresen concluded.

## Directory Lists Summer Jobs For World Wide Experience

Want a free trip to a faraway place with a strange-sounding name? Or do you want to be a stay-at-home moneymaker this summer?

No matter what your inclination, every Cal Poly student and instructor will have a choice from over 12,000 summer earning opportunities described in the new and expanded 1959 World-Wide Summer Placement Directory.

A copy of this directory has been ordered by the Placement office, Adm. 203, and will be available to students by the end of the month.

The directory lists specific jobs in 20 foreign countries and all 48 states. They range from steamships to dude ranches, from work-travel trips overseas to summer theaters, from study projects to research, from camps to national and state parks.

Each listing includes a description of the job, the necessary qualifications, the salary, and the name and address of the employer. Information is also given on how to apply for positions with a sample resume to assist applicants. The best summer jobs are filled early in 1959, so job seekers should apply as soon as possible.

The directory has added a section especially for students. It lists training programs, an asset to future careers, in hundreds of firms and the U.S. Government.

A personal copy of the directory may be obtained for \$3 by writing to The Advancement and Placement Institute, Box 99K, Station G, Brooklyn 22, N.Y.

When a woman says she won't it is a good sign that she will. And when she says she will it is an even better sign. H.L. Mencken

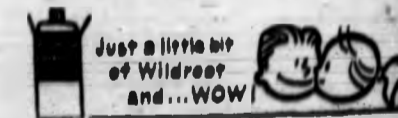
A current up-to-date Summer Placement directory is published each year by the Institute, a non-commercial advisory service for the field of education since 1928. The Institute also publishes the monthly Crusade Journal, which lists positions for educators, and the annual World-Wide Graduate Award directory.

There are no fees for any positions obtained through the Institute and its service publications.

California Poly tied for twenty-third place in the NCAA wrestling tourney last year. The Mustangs shared the honor with Colorado and Indiana. All three teams garnered five points.



C. Columbus, world traveler, says: "My hair looks great since I discovered Wildroot."



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## Put Care In Your Pipe And Smoke It

by Gale Knutad

With a noticeable flourish of pipes on campus it appears that men are once again enjoying the noble and leisure pastime of pipe smoking.

I'm just a beginner, myself, but I've picked up some tips that might make your smoking more enjoyable or possibly influence those of you considering a pipe.

All pipe smokers have pet practices. I certainly don't want to disturb these—merely pass on some general information in the cause of greater smoking pleasure.

First, a couple of hints on "breaking-in" the new pipe, for this is the most important time if you expect complete and lasting enjoyment from it.

Breaking in consists of forming a layer of carbon between the bowl of the pipe and the burning tobacco. This carbonizing effect is commonly called "cake", and to aid in its formation the bowl should be moistened with water prior to the first smoke. If there is any varnish or lacquer inside the bowl, it should be removed with emery cloth first because it will slow down the "caking" process.

Most pipe smokers I talked to suggested that you don't fill the bowl completely for the first few smokes so that the cake can form first at the bottom of the bowl. Once a cake has started to form in the bottom, fill the bowl full and complete the formation. This carbonization complete, the pipe is considered "broken-in".

I had considerable trouble with my first couple of pipes because I couldn't get a cake started at the bottom of the bowl. I have learned since that each pipefull must be completely smoked by tamping and re-lighting until all the tobacco is burned. Once a pipe is properly broken-in, you are in for real smoking pleasure, and with proper maintenance, a lasting pleasure.

Here are some further suggestions for pipe care from a pamphlet published by Jim Mate, a pipe store proprietor and pipe smoker for thirty years. Jim suggests:

Keep the cake about the thickness of a nickel to prevent over-balance and excessive expansion which might cause the bowl to crack.

Smoke as evenly as possible and tamp down the ash frequently so the tobacco burns evenly.

If the bowl feels hot to the hand, you are smoking too rapidly and may draw acrid oils into your mouth.

Allow your pipe to dry and air out between smokes and don't leave it damp, as it will cause it to become sour.

Certainly there are no set rules for pipe smoking, but these few tips will increase your smoking pleasure—as they have mine.

California Poly tied for twelfth in the NCAA swim championships in 1958. The Mustangs tied with Indiana, both schools totaling 7 points.

## Propulsion Career . .



**NO PROBLEM.** . . Says Mrs. Betty Bolinger as she runs through a math problem to show that she really is a mechanical engineering major. Betty, a sophomore, and only female in the ME department has aspirations of a career in aircraft propulsion or research upon graduation. A former student at Massachusetts Institute of Technology, Betty decided on an engineering career when she was in high school. (Photo by Paul Grill)

## Wife Baffled In Kitchen; Dreams Of Jet Propulsion

By Pat Fitzpatrick

"My husband taught me how to cook," laughed Betty Bolinger. "It's interesting but still kind of like a foreign language to me."

Strange words to hear from the only woman in the mechanical engineering department at Cal Poly. Perhaps not so strange when you hear her story. "I just like machines, particularly ones that fly," says Betty. "Aircraft propulsion has always interested me, and when I was a freshman in high school, I decided I wanted to become an engineer."

A 20 year old sophomore at Cal Poly, Betty studied Aeronautical Engineering at Massachusetts Institute of Technology for a year before coming here. "Aircraft propulsion is my primary interest and aeronautical engineering didn't cover this aspect thoroughly enough," she explained her change of majors.

Also present at the interview was Betty's husband of almost a year, Bill, her reason for leaving MIT for Cal Poly. Betty and Bill went to high school together in Corcoran, Calif., where they were just "good friends", according to Betty. He came to Cal Poly to study Ornamental Horticulture and Biological Science while she went to MIT to study engineering. She came home for the summer and they became engaged. Bill, incidentally, is now working at General Fireproofing Company to put Betty through school; but says Betty, "He's going to finish college when I get through."

"Opportunities for women in the field of mechanical engineering are virtually unlimited," said Betty, who is personally acquainted. (Continued on Page 8)

## Construction Booms

In spite of the current wet weather and the large earth slide at the site of the new residence halls, construction is proceeding according to schedule on Cal Poly's new additions.

"Almost half of the brick work has been completed on one of the girls' dorms," stated Clyde Fisher, Executive Secretary to President McPhes, "and the concrete slab for the main gym has been poured plus the walls for the gymnasium room."

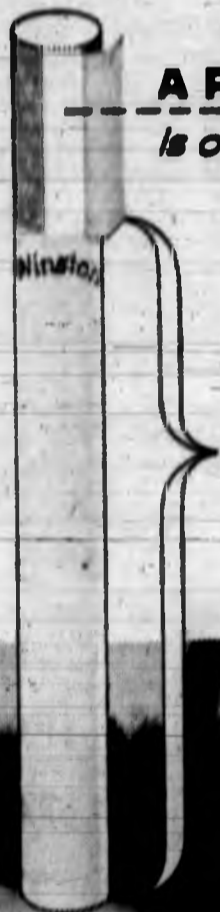
Progress of the past months has been contributed to the "construction weather" by Fisher and Chester Young, Building Program Co-ordinator.

According to plans, the new gym will have two classrooms with Audio-Visual facilities, a boxing room with two permanent rings, and a wrestling room padded with ensoite matting on the walls and floors. The locker room will accommodate a peak load of 500 students.

"While the men continue to use Crandall Gym swimming pool, which will be for two or three more years," comments Dr. Robert Mott, PE department head, "the present locker sections will still be made available to them." Crandall Gym, with minor changes, is slated to be the women's gym.

The main gym will seat 4000 spectators and feature the only known pit trampoline in the country. This trampoline will be even with the floor.

Other parts of the gym will include office staff spaces, a con- (Continued on Page 8)



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# Space Visitor Due 'Opening Night'

By Pat Keeble  
"Opening Night" for the first College Union drama production of the year approaches only too fast for the campus' small but talented group of amateur thespians, as they are working at polishing up some ever-so-slightly Southern accents for an "out-of-this-world" former Broadway hit, "Visit to a Small Planet."

The Gore Vidal spoof of present day American space business depicts the plight of the family of one Roger Spelding (played by Don Bishop), a Washington, D.C., television newscaster, when an interplanetary superman, Kreton (George Gressman), decides to visit the small planet called Earth, and lands in the Spelding backyard. His declared intent is to see one of those wars that earth people are so fond of, or, if need be, to start one for them.

Spelding's daughter, Ellen (Claire Heady) finds the visitor both fascinating and alarming, although her fiancé, Conrad May-

berry (Don Gilbert), isn't quite sure what to think. More positive is Gen Powers (Seymour Klein), a higher-up in Pentagon circles, who immediately stamps Kreton as top secret, much to the space-man's amusement, and much to the despair of Spelding's wife, Reba (Nancy Coker), who finds she can't explain her armed guard to friends she meets in the local supermarket. Indeed, the only earth creature who establishes any rapport with Kreton is the Spelding's cat (as yet unnamed).

Also in the cast are Dick Caldwell as a military aide who becomes the brunt of several of Kreton's demonstrations, and Ralph Paulin as an unexplained character merely termed "Defton."

The cast is under the direction of English instructor John R. Banister, formerly an acting instructor at Stanford University. Stage manager Ed Lebowitz's crew members will have all kinds of opportunities to use their imag-

inations. For instance, they will have to cope with such problems as a rifle that suddenly jumps 15 feet into the air, veering from within men's minds, and other everyday problems of entertaining outerspace visitors. They will be aided, however, by loans of props and backdrops donated for the event by the San Luis Obispo Little Theatre.

Costumes, which will be ordered and fitted in Los Angeles, run the gamut from the modern day casual and military dress to Civil War uniform. Margaret Dietrich is in charge of props and special effects.

John Zacharias, chairman of the CU drama committee, is in charge of production, with Will Penna as production manager.

"Visit" was first presented on television with the noted British humorist, Cyril Ritchard, in the lead as Kreton. Ritchard also starred in the Broadway and road versions of the science-fiction comedy.

## Wife Baffled

(Continued from Page 7)

ed with several female engineers, mostly MIT graduates. Several dozen women have made their marks already," she added.

Betty said applied mathematics is her specific area of interest, and, "In my opinion, mechanical engineering makes the best use of it."

Betty finds the instructors and male students very co-operative and friendly at Cal Poly, where she is accepted as "just another engineering student." In contrast to the resentment at MIT,

"Women with advanced engineering degrees stand a better chance of starting at a higher level," Betty said, adding that "Once in the field, you have to earn your keep. Promotions for women are the same as for the men in the field, according to the capabilities they display." She hopes to go on to Cal Tech for advanced work in mathematics after graduation from Cal Poly.

Betty plans to make a professional career of some phase of mechanical engineering. "I'd like to go into research," she said, "maybe I'll be lucky enough to work on things that go to the moon."

How about a family in this professional career? Betty laughed, "our children will probably be sliding slide rules by the time they're two-and-a-half." In a serious vein, she said, "We don't want our children to feel they have to follow our likes or choices. We don't want them to approach math or science with fear. We want them to choose their careers for themselves."

## Know The Difference Between He and She?—Oak That Is

By Bill Tumlin

If anyone should see a He-Oak wandering about the campus please direct him to the south-east end of the new Science building. For a tree lives there which, seriously, is called a She-Oak.

"She's" a part of some 145 types of trees located on the campus only 22 of them native to San Luis Obispo county. The rest have been donated or brought from various countries of the world.

According to Howard Brown, head of Cal Poly's ornamental horticulture department, the booming construction here on campus is raising hubs with his trees—some have been destroyed, others relocated. There were formerly 175 types here.

To expound on that She-Oak—"she" is really a Casuarina, common also as the Coast Beefwood. Native to Australia, this type is seen near the Ag Education building, as well as our "girl" at the southeast end of the Science building.

For those who think of such things, Cork and Bottle trees are present. The cork tree stands in front of the administration building; it is a native of the Mediterranean area. The bottle tree is at the north end of Deuel dorm. It is a former resident of South Africa. By the way, it is in the path of a path to be built soon, and Tony at OH says it will go. Might be we could clean it up, and take it to the store for a deposit.

Monkey Business

In front of the gym is a tree

called Monkey-Puzzle, or Bunya. Bunya, another Aussie. It bears a cone-like fruit with vicious looking spines, weighing about 12 pounds. Most San Luis Obispo natives know of the Bunya-Bunya, for such a tree was the center of one of the biggest hassles this town ever had in its government—or so says Howard Brown, called into the ruckus as an expert witness. Here's how:

An old Bunya-Bunya stood right down town near Garden Street. It came in the way of progress, in the form of new parking spaces. The citizenry wanted it kept there, at least many of them did, for it was a landmark even the oldest old maid in town could not (or would not) date. A city council meeting on the subject brought out over 500 townspeople, according to Ralph Ditta, Cal Poly history teacher.

Progress won.

Ever notice the four palms in the library patio? They stand in holes about three feet square, carved out of solid granite. Makes a real feeding and drainage problem for the hort folks.

Senior Gifts

For many years, senior classes at Cal Poly have donated trees to the college. Accompanied by a plaque, they make a living memorial. Last year, the entire Science B-5 patio was donated, (note the little magnolia tree in the planter box), and it all cost them about \$800.



**SPACE SPOOF TRIANGLE** ... It may look like the age-old story of two boys-meet-girl, as Don Caldwell, left, playing the part of a soldier, and Don Gilbert, as Conrad Mayberry, rough it up to the dismay of Conrad's fiancée, Ellen, played by Claire Heady, in this rehearsal of a scene in "Visit to a Small Planet." Lurking just out of the camera range, however, is the "visitor," a superhuman space traveler who wants to see a war and has the power to start one—whether or not his earth-dwelling hosts are willing to start one. The CU-sponsored comedy will be presented January 29, 30, and 31 in the San Luis Obispo high school auditorium. (Photo by Keeble)

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