

# UCLA's Red Sanders Heads First Week Of Workshop

## El Mustang Summer Issue

August 3, 1956

San Luis Obispo, Calif.

Vol. 17, No. 32

### 'Sharp-Eyed' Cadets Rank Second In Rifle Firing

Cal Poly's small but "sharp-eyed" ROTC representation at Fort Lewis, Wash., ROTC summer camp has placed second out of the 80 colleges in M-1 calibre .30 rifle competition with an average of 210 points per cadet.

Col. P. A. Loiselle, PMST here, made the announcement this week following a report from Major Earl W. Fletcher, executive officer to the colonel, presently at the northern station.

#### 1400 Cadets

But two points below first place University of California at Davis, Poly's 18-man group was in competition with nearly 1400 other summering cadets including the major "name" colleges of the west.

Further word from Major Fletcher indicated that Poly's group might do "even better" when individual leadership ratings are tabulated early next week.

#### Cooper Has Chance

Given a good chance to finish among the top cadets of the entire summer camp enrollment is Poly's Al Cooper, senior social science major from Winnemuck, Nev. Cooper was cadet regimental commander last week for a review which was attended by President Julian A. McPherson.

Last year, Cal Poly ranked first out of 28 western colleges with an average of 216 points. The average topped that of any other ROTC summer training unit in the nation and accounted for the "Warrior of the Pacific" touring trophy to rest here for a year.

Beaming nothing but words of praise for the group, Col. Loiselle said that cadets will finish camp within the next few days.

### Song Girl Tryouts Set For Tonight In Auditorium

Try-outs for Song Girls will be held tonight Aug. 3 at 7 p.m. in the engineering auditorium.

Any woman student who has had experience as a Song Girl or who would like to try out, is urged to report, says John Malkasian, rally committee chairman.

This year the Song Girls will be chosen from the coeds enrolled at Cal Poly, Malkasian says. Song Girls in the past have been student wives.

### Foreign Students Like Cal Poly Learning Methods

By Helen Sturges

"Learn-by-doing" educational methods found in certain schools in the United States have won the approval of six recent graduates of the University of Gadjah Mada at Djokjakarta and of Djoleminoto Habibullah, who is from the University of Indonesia at Bandung. The six students from the University of Gadjah Mada who have been at California State Polytechnic College at San Luis Obispo since March 20 are Julius Jonathan Paals of Ambon (Moluccas), Soedarto of Surakarta, Achmad Wasir of Djokjakarta, Amir of Djokjakarta, Tedung Marisi Pasaribu of Medan (Sumatra), and Noerman Kartohadikoesomo of Probolinggo.

After completing three years of college training in general agriculture in Indonesia this group is specializing in the mechanization of agriculture at Cal Poly which is the largest agricultural college and the third largest engineering school in the eleven western states. It is famous for its "learn-by-doing" methods wherein students actually put into practice what they have studied.

#### Work With Machines

These students spend their mornings in the college machine shop working with machine tools, heat treating equipment, and other repair and maintenance facilities. During the afternoon they operate various types of farm machinery.

They live in the on-campus trailer (continued on page 2)

### Student 'Wiremen' Learn-By-Doing On Campus Repairs

Many student electrical and electronic engineering majors are gaining valuable experience this summer working as electricians for the Cal Poly maintenance department.

Harold Miller, state electrician, and supervisor of maintenance and installation for Cal Poly, realizes the value of on-the-job training and the learn-by-doing system of education. He tries to employ as many student electricians as his annual budget allows.

#### Give Experience

In utilizing EE and EL majors as summer electricians, Miller believes that he is giving the men experience with problems similar to ones that will be encountered when the men become engineers.

Miller explained that a freshman student may start on his crew and hold the job for an entire college career, gaining seniority and experience as he progresses. The boys work full time during the summer, and are used part time or when available during the school year.

#### Large Crew

This summer the crew of student electricians is made up of Bob Grimes of San Luis Obispo, Sterling Bradley of Fort Worth, Texas, Don Howell of San Luis Obispo, and Garth Kanen of Alaska. Bob Cowles of San Luis Obispo is also a full time summer electrician, and Charles Cummings is used as a part time student electrician.

Bob Grimes, last year's student body president and senior student electrician for the summer crew, pointed out that such a job provides the most valuable experience that a student could obtain during the summer since he can put to work what he has learned in the classroom during the school year.



TOUCHDOWNS . . . Red Sanders of UCLA is shown above demonstrating his prize touchdown play. This will be a common sight next week when the ninth annual California workshop for physical education and coaching starts on campus. Grid classes are usually held in the stadium.

### Ninth Event To Attract 175 PE People From State

Outstanding figures in the "World of Sport" head the ninth annual California Workshop for Physical Education and Athletic Coaching being held at Cal Poly Aug. 6-17. Henry "Red" Sanders, grid coach at UCLA; newly-acquired Stanford track coach, Payton Jordan; Fresno State's baseball

coach Pete Beiden, and UCLA basketball mentor John Wooden are but a few of the noted instructors for the two-week program which is expected to attract between 160 and 175 high school and junior college physical education people from all parts of California. Sanders and Beiden head the first week's activities.

Dr. Robert Mott, Poly physical education department head, reports the workshop is to have an outstanding program for its ninth year.

#### Answers Need

"The program is an outgrowth of the demands of the athletic coach, the physical education teacher, and the recreation supervisor. The committee has strived to present a program that meets the demands of the men in the field, and to present instruction in the areas in which participants have felt a need for additional knowledge and skills," Dr. Mott points out.

Accommodations are being furnished by the school and Cal Poly physical education majors are planning a recreation period for children of workshop participants.

#### Committee

Directing activities on the 1956 workshop committee are Al Arpa, San Fernando High school, chairman; Carson Conrad, state board of education; Gene Corr, West Contra Costa JC; Glen Dubose,

Napa JC; Carl Gilmore, Shasta high school; Cap Harrison, Bakersfield city schools; Ed Leahy, Redwood high school; William Russell, CIF Commissioner; Stan Weiss, Monterey high school; and Terry Barton, Rosemead high school.

Cal Poly representatives assisting in the program are Dr. Mott, Dr. Robert Maurer, and John Healey.

#### Co-ed Classes

Co-educational classes will be held in conjunction with the women's workshop which overlaps the men's workshop.

Other instructors for individual programs are as follows: football—Raymond C. "Ray" Brown, Compton JC and John Giannoni, La Jolla high school; physical education—Dr. John Nixon, Stanford; Carson Conrad, state board of education; Co-educational organization—Louis Means, state board of education; archery—Marvin Bowles, Sacramento's McClatchy high school; gymnastics—AAU Gymnastics chairman George Cameron; golf—Al Lape, Morro Bay; trampolines—George Nissen of Nissen Trampoline company; tennis—Fred Faris, Modesto JC; combatives—Clarence Schutte, Santa Barbara; training and athletic injuries—Roland Logan. Swimming instruction also is to be offered.



LEARN THE TRADE . . . Three of the student electricians learning-by-doing are shown above working on the campus. Left to right are Garth Kanen, Bob Grimes and Ben Cowles. State electrician Harry Miller looks on.



## Campus Store

The campus store under the direction of Kenneth Doyle is open for the summer to serve the people of Cal Poly. Store hours are from 8 to 5 p.m., Monday through Friday, and 11 a.m. to 1 p.m. Saturday.

Featured in the store this week are a complete line of dairy products, fruits from the Poly orchards, and young fryers from the poultry unit.

The produce sold in the campus store is grown and picked by students.

## Machine Shop Building Undergoing Changes

The Cal Poly machine shop will have a new wing when work now under way is completed. The wing will contain two offices and two classrooms which will allow the old offices to be torn down, making room for 40 new lathes. Construction is being done by the school maintenance shop.

For those who have been bothered by foggy safety goggles, new dispensers are being installed. The dispensers contain a liquid which, when used to clean the lenses of the goggles, will prevent fogging.

Leo E. Rogers, instructor, says a new course will be offered in the fall to teach the operation of such advanced machines as the engraver, tool and surface grinders, the screw machine and also heat treating.

## Bookstore Sec. Enjoys Mexico Trip

Christine Morgan's recent 37 day trip to Mexico was a bit out of the ordinary, compared to the usual trip to Mexico. The bookstore secretary did not consult a travel bureau as most people planning a vacation would do. Rather, Miss Morgan and her three companions simply got into their car and started driving south.

Leaving from El Paso, Texas, the group drove into Mexico, planning only one day ahead as they went. First stop in Mexico was at the town of Chihuahua, home of the world famous dog. From there, the group drove further south to visit the famous towns of Durango, Guadalupe, Vera Cruz, and Mexico City, seeing, enroute, a religious pilgrimage of 10,000 men walking along the highway. The trio also witnessed the crash landing of an American jet plane that was forced down by engine difficulty.

Miss Morgan reported that the average cost for a night's lodging and the following days food came to about \$4.50 for the finest accommodations.

## Berkeley Student Wins Engineering Scholarship

Donald Scott, Jr., 2017 Durant Ave., Berkeley, is a winner of the 1956 \$1,000 Hieatt Engineering Corporation scholarship in air condition and refrigeration engineering at Cal Poly.

Announcement of the Berkeley high school graduate's award was made here by Harold P. Hayes, dean of Cal Poly's engineering division. The scholarship, supplied by Forest H. Hieatt, Burbank industrialist, is in the form of \$250 grants for each of four successive years.

Scott, whose father operates a refrigeration service at Berkeley, has been Hi-Y president at Berkeley high school and president of the Berkeley Hi-Y council. He has been active in Scouting and done summer camp counseling. At the Y.M.C.A.'s eight annual model legislature he served as a Berkeley assemblyman. He was also a member of his school's swimming team and has qualified as a lifeguard. Radio and mountaineering are other avocations.

A new decorative rubber wall covering, easily applied and suitable for use in hospitals, schools, public buildings and residential dwellings has recently been introduced. It is non-porous and prevents excessive dirt accumulation. Waxing is not necessary to retain rich appearance. It can be applied either in sheet or tile form.

Autos that change color may be the next entry in the highly competitive automobile market. Metallic powders produce an effect that causes a surface to change shade with the angle of inspection. When a bronze powder is added to the paint the color effect ranges from a deep purple to a pastel green.

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"The Scarlet Hour"  
and  
"The Vanishing Prairie"

### COMING TUES.

"The Man From Alamo"  
and  
"SEMINOLE"

# El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE

Published weekly during the summer quarters except holidays and examination periods by students in Agricultural Journalism and Printing. Opinions expressed in this paper are the views of the writers and do not necessarily represent the opinions of the staff or official opinions. Offices, Room 21, Administration building.

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## World War II Vet Training Program Ends; Cal Poly Has Share of Trainees

The largest veterans' training program the world has ever known has ended for all but a small handful of World War II veterans. It is the 12-year old World War II GI bill—a law that has given more than 7,800,000 World War II veterans a chance to catch up with the years taken

### Foreign Students Like Poly

(continued from page 1)

"Village" called "Poly View" where 148 college-owned trailers are occupied by students. The trailers, equipped with electric cooking facilities, enable the Indonesians to prepare their own meals and at the same time live in campus surroundings among American student families. Meat, milk, and rice are available in abundance so, although many of the vegetables and fruits familiar to them have not been found in the markets here, according to Amir, they are learning to thrive on an "American diet."

The men have been guests in the homes of their instructors, and plans are being made to visit homes throughout the surrounding area. This writer and family have arranged to entertain the group at their home in Arroyo Grande, a rich agricultural valley in the southern portion of the county, where many fruits and vegetables are grown and large numbers of American Filipinos and Orientals have established themselves in the agricultural industry.

### Measurement Systems

In addition to language difficulties, which they are fast overcoming, one of their greatest adjustments is the difference in the measurement system used—English instead of Metric system, says Djolominto Hubliuolish.

### Miss Pyle Accepts Position In Teacher Placement At UCLA

Miss Katherine Pyle, placement secretary, has left Cal Poly to accept a position in the office of teacher placement under Dr. Aubrey Herry at UCLA. It was announced this week.

Miss Pyle will work directly with Dr. Herry in placing elementary and college teachers. Miss Pyle had been at Cal Poly three years.

### PLACEMENT TESTS GIVEN

Placement tests for prospective new students who intend to enroll at Cal Poly this fall are being given today and tomorrow, Aug. 3-4, says Leo Philbin, registrar.

out of their lives by military service, the veterans administration says.

In September, 1944, the first PL 546 veterans enrolled at Cal Poly. Since that time the number enrolled increased to nearly 1500 in 1948 and then decreased to only 26 this past year.

As the number of PL 546 students decreased, the number of PL 550 students (Korean bill) increased, says Registrar Leo Philbin.

The number of veteran students enrolled at Cal Poly during the fall quarter of each year follows:

	PL 546	PL 550
1944	1	
1945	80	
1946	1111	
1947	1400	
1948	1480	
1949	1480	
1950	947	
1951	894	
1952	847	50
1953	197	808
1954	78	808
1955	26	1148

Also virtually ended is another program—Public Law 16 vocational rehabilitation training for disabled veterans of World War II. Under this program, VA figures show that more than 610,000 disabled veterans have been given a "lift" toward self-reliant living.

The veteran-trainees, however, will not vanish entirely from the American scene, the VA says.

The Korean GI Bill, entering its fourth year, is just now getting into full swing. This fall, VA expects nearly three-quarters of a million Korean veterans to be enrolled in schools and training establishments under that law. In the Los Angeles region, it is estimated that fall enrollments under the Korean GI Bill will reach a peak of 41,000. VA added that Public Law 894, vocational rehabilitation training for disabled Korea veterans, also has a good many years to run.

A small handful of World War II veterans will be allowed to continue their studies in the months ahead, VA said. These are the veterans who enlisted in 1945 and 1946 under the Voluntary Recruitment act, as well as disabled veterans who haven't been able to finish Public Law 16 training because of certain hardship conditions.

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## National Production Record Set By College Guernsey

Several Guernsey cows in the Cal Poly herd have recently completed high production records on twice-daily machine milkings. George Drumm, head of the college's animal husbandry department, reports.

A new national record was established by Polytechnic Jepsen Albert with the production of 11,500 pounds of milk and 820.39 pounds of butterfat over a period of 305 days on twice daily machine-milkings. The 8-year, 5-month-old Guernsey's new mark exceeds this class' former standard by the large margin of 90 pounds of butterfat.

Third Nationally Polytechnic Jepsen Kitty, 4-years, 11-months, recently completed a record of 18,644 pounds of milk and 711 pounds of butterfat. This figure ranks third nationally in this classification. At 3-years, 7-months, "Kitty's" production was listed nationally as fourth, but established a new California state record.

Most of the high-producing Guernsey cows in the college herd were sired by McDonald Farm's Jpsen who has maintained an outstanding record as sire of high-producing daughters.

Excellent Ratings Last May, one of his daughters received the highest possible type ratings of "excellent" and has a record of over 700 pounds of butterfat in a year on twice-daily milking and there are now two cows in the small college's herd with this rating of "excellent," says Drumm.

Much of the credit for this outstanding production goes to Herbert McCaw, who milks these cows regularly, Drumm states, McCaw is relieved on days off by dairy husbandry students.

### VET VOUCHERS DUE

Attendance vouchers for California state veterans are due before Aug. 10, says Leo Philbin, registrar. These vouchers should be signed in Room 102, administration building.



LUCKY HORSE . . . Menina Sanchez, left, and Cindy Allen talk to "Interpretation," thoroughbred horse donated to the college by Wilbur D. May, Los Angeles businessman. The stallion is the half-brother of stakes-winner "Correlation."

## Foreign Student Should Know Own Country Before U.S. Visit: Kirkpatrick

Before a foreign student can expect to gain the greatest benefit from a visit to the United States, he should make sure that he knows as much as possible about his own country.

That's the counsel of William Kirkpatrick, coordinator for foreign students at Cal Poly. And, by now, both Kirkpatrick and Cal Poly have had long and frequent contact with students from overseas.

40 Countries Here Cal Poly has enrolled students from more than 40 foreign countries representing every continent. Kirkpatrick, who has spent tours of duty in Thailand, Indonesia, and Malaya, himself, has supervised the campus visitations of some 185 foreign students since his assignment here. They have represented 28 different countries. He believes that more and more students from overseas will look to the United States in their quest to overcome the technical and similar lags found in their home countries.

A Basic Requirement One of the basic requirements (continued to page 4)

## CAL PARK LAUNDROMAT

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## College Has New Thoroughbred

Cal Poly's animal husbandry department has received a new thoroughbred horse named "Interpretation," a donation by prominent Los Angeles businessman, Wilbur D. May.

Out of the French mare "Braydore" and sired by "Reading," imported Australian stud now at Northridge Farms, Northridge, California, the newest addition to Cal Poly's green and white paddocks has a track record of six wins, three seconds, and two thirds in sixteen starts. His total winnings amount to \$50,000.

Prior to coming to Cal Poly, the horse was used for breeding purposes at May's Double Diamond Ranch near Reno, Nevada.

A thoroughbred breeding program has been underway at the local Cal Poly campus since 1940 when a group of outstanding thoroughbred breeders donated five mares. Animal husbandry students thus gain actual experience in feeding, care, and management of thoroughbreds in line with the college's learn-by-doing methods.

## Antelope Valley Jaycee Has Top Athletes; Poly Knows

Cal Poly's football team last year had four players start a game who all came from one junior college.

The four were Vern Valdes quarterback; Andy Brownwood, fullback; Fred Odle, tackle and Jim Cox, end, and all—from Antelope Junior college.

Odle and Brownwood have since left school but according to Antelope Valley Coach Bob McCutcheon, three more players are expected to enter this fall.

They are Ray Michaels, a six foot, 200 pound all-conference center; Tom Crenshaw, 6-2, 175 pound end who was two years all-conference and two years all-American jaycee; Jim Mat-trarocel, 6-10, 180 pound halfback who McCutcheon, a Cal Poly graduate, rates as the finest all around back he has coached in his six years at Antelope Valley Valley athlete.

Bob Heffron, Cal Poly's ace (continued to page 4)

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**Cafeteria Crew**

(continued from page 1)  
teria for this summer include re-painted chairs and plastic tablecloths.

All in all, the cafeteria workers keep quite busy, contributing their share to the hospitality of Cal Poly.

**Antelope Valley**

(continued from page 3)  
sprinter and record holder for the 100 yard dash, is also an Antelope Valley. McCutcheon says two Jaycee cagers are expected to join Ed Jorgensen's five. One is Valentine Padilla, a 6-3 sharpshooter who made four all-tournament teams and was selected on the all-southern California Jaycee squad two years in a row. Val carried a 16.7 average and helped lead his squad to third place in the California state playoffs.

The other cager is a 6-5 forward named Bill Compton. He made three all-tourney selections and led the Antelope Valley scoring last season with an 18.1 average. He with Padilla gave Antelope Valley a record over two years of 58 wins and 12 losses and two conference championships.

The question is: How did the Fool and his Money ever get together in the first place?

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## Metro Chamber Sponsors Farm-City Liaison

One of California's largest metropolitan chambers of commerce has taken a stroke toward better liaison between the city and the farm.

Financed by members of the agricultural committee of the San Francisco chamber of commerce, a brochure describing the agricultural journalism program at California State Polytechnic College has been sent to counselors and publications advisers at every high school and junior college in the state.

**Foreign Student's US Visit**

(continued from page 3)  
before a candidate foreign student can attain the maximum benefits from his education in the United States or elsewhere is a thorough understanding of the limitations, resources, potentialities and problems of his own country," Kirkpatrick insists.

"A student wishing to study agriculture abroad should have a more or less firsthand knowledge of the rural areas of his own country. He can then evaluate and relate his educational experiences abroad to prepare himself to face the practical and sometimes really simple problems in his own country."

**Dignity of Labor**

Another key to obtaining the most from an education in the U.S. is a real appreciation by the student that it is no disgrace to do things with his own hands, says Kirkpatrick.

"A student who realizes the dignity of labor, even in his own country, generally gets a great deal out of his training abroad," he maintains. "Practical knowledge gained by 'doing-experiences' is the vital need in the world not only of today but of tomorrow. Little is learned just by listening and seeing. Development of the ability to demonstrate is the mark of an educated man, as we see it here in America."

**A Working Knowledge**

Selection of candidates for study in the United States should necessarily be limited to those with a working knowledge of English, Kirkpatrick believes.

"Far too often, he points out, a foreign student in the United States wastes many valuable months after arrival in attempting to master English rather than pursuing his technical education.

"The student from foreign lands pursuing knowledge in the United States should also be capable of being independent," Kirkpatrick adds. "To gain the most from his study program, he should have sufficient reliance and initiative to execute a plan of living with American students."

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## Poly-built Slide Washer May Help Hospitals Nation-wide

A piece of equipment that may greatly simplify laboratory work in every hospital in the United States has been built by Eugene West of San Luis Obispo and Bob Richter of Los Angeles, both Cal Poly ME students.

The machine, an automatic glass slide washer, was originally conceived by Mrs. Pat Hoogendijk, lab technician at the Cal Poly health center.

From her experience in medical labs, Mrs. Hoogendijk realized the value of a device that could wash, rinse, and dry the 500 or more glass slides used weekly in the average medical laboratory.

Conferring with Harry J. Jackson of the ME department, Mrs. Hoogendijk agreed that her plans would see most immediate completion if developed as a senior project by West and Richter.

"Using Mrs. Hoogendijk's original plans," says Jackson, "West and Richter developed a slide washer that would do the required job, and pay for itself in less than one year."

The last of San Francisco's fire horses was retired in 1921.

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## Math's Whitson Figures Sports Cars Are for Old Folks, Too!

Those who figure the smaller sports cars are especially designed for the younger set had better do some re-thinking, according to Dr. Milo E. "Mike" Whitson, head of the math department.

Owner of a "bug" himself, Whitson declares it's "an ideal second car for any family" and predicts that more and more of the smaller units will come into use where families desire transportation for in-and-around-town driving.

"The only trouble," says the department head, "is that if you plan to leave your larger car home for the wife, you're quite likely to find that she prefers the smaller car and you're still left with the large one. Women like the way the smaller units park and maneuver."

Whitson purchased a used car but says they're hard to find. "For a good used car of these smaller makes, you have to get your reservation in a considerable time before you actually secure it," he asserted. "They appreciate, I understand, at about \$200 per year."

## Many Plants In Poly Arboretum

The new grove of trees behind Hillcrest lounge was planted for more than added beauty, according to Howard Brown, O.H. department head. It's an arboretum and will be used specifically for O.H. plant identification courses and growth study, Brown says.

Thus for the first time on Cal Poly's campus, the O.H. department has brought together a group of 40 trees of new or unusual varieties in a space less than one acre. The O.H. nursery practice and plant propagating students started the project last year to meet the growing need for special identification material around campus, reports Brown. The trees vary from 8 to 5 years in age and consist mainly of pines, conifers and flowering deciduous varieties. Two varieties of Thornless Honey Locust were donated by a nursery in Ohio. "We hope to come up and see some of these new and unusual trees," Brown said.

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## Lost Anything Lately? Might Start At Security Office

Lost keys, pens, books, and eye glasses are but a few of the unclaimed articles in the security department lost and found box, reports Robert C. Krag, head security officer. Students who have lost articles within the last few weeks are urged to go to the security office and claim their property, otherwise, the articles will be disposed of.

Chief Krag also says parking tickets will be issued to all unregistered cars on campus. All persons owning unregistered cars are urged to register them immediately.



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