

# Elk Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE \*

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SAN LUIS OBISPO, CALIFORNIA

AUGUST 5, 1955

## Instructor Hired To Map Home Economic Plans

Traditionally all-male Cal Poly took another step toward full-fledged co-education with announcement by Cal Poly President Julian A. McPhee that Marjory Maxine Elliott of Los Angeles has been added to the faculty.

During the coming year she will teach courses in family relations and assist with planning for the home economics program Cal Poly expects to start in the fall of 1956.

Now At UCLA  
Miss Elliott, now with the teaching staff at the University of California at Los Angeles, is a former associate professor of home economics at Stout Institute, Menomonee, Wis., an assistant state superintendent for Iowa's state board of vocational education, and a lecturer in home economics at the University of Hawaii, where she also supervised intern teachers.

Prior to the Hawaiian assignment, she was a faculty member at Northwest Missouri State Teachers college and a supervisor

of teachers at the University of Missouri, with a previous background of high school home economics teaching at Brunswick and Crystal City, Mo.

Graduate of Missouri  
Obtaining undergraduate and graduate degrees at the University of Missouri, she has done additional graduate work in education and home economics education at the University of Chicago and UCLA. She has been elected to membership in Pi Lambda Theta, Phi Upsilon Omicron and Delta Kappa Gamma, honorary organizations in home economics and education.

Only California state college restricted to men, Cal Poly began accepting co-eds with the current summer quarter. Enrollment of women will be held to those possessing valid teaching credentials until the fall of 1956. At that time, President McPhee has announced, all programs in the college's engineering, agriculture and liberal arts divisions will be opened to women.

## Engineering Project May Solve Radio Problems

By Ernest Bailey

You're cruising along slowly. It's a warm evening and you have the top down. It's your first date with that good looking brunette and at last it looks as though the 'ice' is starting to melt. Perhaps a little soft romantic music would help? As you reach toward the dial, you notice she smiles and slides just a little nearer. Yes, music is the answer!

You turn the knob — the sputtering and crackling almost blasts you out of the car. Snapped harshly back to reality, she straightens up, and again sees you for what you really are. The moment you waited for is eternally lost! You've goofed, boy!

Courteous Service  
To prevent situations like this, take advantage of the radio service offered to campus personnel and students, through the courtesy of the electronics department.

"To gain practical experience for electronics majors, the foundation has helped establish a radio and TV repair shop, on a non-profit basis," explains James Willis, electronics instructor and faculty manager of the service shops.

"The services are open to any-

one with radio or TV trouble and as we are a little short of work now, we will especially welcome summer trade," says Willis.

Student Project  
The shop is a student project and student operated. It is under the direction of Orrin Gobby, senior electronics and mathematics major. The radio repair is located in Cu D and the TV repair is in Ag Ed 217. The hours of both are from noon to 4 p.m. daily. For information call extension 336.

Parts also can be purchased at Cu D. "Although our stock is not too large, we can readily obtain practically any radio or TV part a person could want and at a minimum expense," adds Willis.

"Although the primary purpose of this service is to aid the electronics students in a 'learn-by-doing' way, we also feel this is an excellent service to the other Cal Poly students. The surprising part is that more people do not take advantage of this service. This is the only such service offered by an engineering department at Cal Poly. The rates are reasonable, the service is good, and all work is fully guaranteed," Willis concludes.

## P.E. Convention Starts Next Week

### Hughes, Harden Headline First Week Instruction

Two of Cal Poly's coaches will be headliners at the eighth annual California Workshop for Physical Education and Athletic Coaching which will be held here August 19. The annual workshop will present a varied instructional program for both the physical educator and the athletic coach.

Both Roy Hughes and Sheldon Harden will be on hand to present theories on football and wrestling, respectively. Also on the program will be Forrest Twogood, University of Southern California basketball coach, Tom Fitzpatrick of Mc Clymonds High School, Jack Fournier and Gene Handley of the Chicago Cubs and the Los Angeles Angels, who will handle the baseball program. Roland "Kickapoo" Logan and Duck Drake of U.C.L.A. will present the athletic training classes. Some of the other outstanding personnel who will be here for the conference are Bill Archer of Santa Rosa J.C. and C. Vanhorebeke of Anaheim High school who will help with football; Guy Wrinkle, Hollywood high, and Lloyd Leith, Mission high in San Francisco will help in basketball; Dan Della Delano high and Reese Green of Santa Ana High, who will do the track and field instruction. Also present will be Lou Wheeler, tennis coach at Marshall high; Paul Paulsen, archery expert at Washington Irving Junior High; Al Lane, Morro Bay golf pro, and Ed Leahy from Polytechnic high school. W. Los Angeles physical education.

Originally scheduled to handle the college track program, Payton Jordan of Occidental College may have to bow out due to a trip to Europe.

Another new feature this year will be the classes in public relations in physical education. Leading men in the field will furnish the instruction which will coincide with the rest of the program.

The workshop will offer co-educational classes which will be held in conjunction with the women's workshop which will overlap one week the men's program. The women's program will run from August 14 through 26. The theme chosen for this year is "Let's Face The Facts". Elias Schneider, a national leader in women's physical education, will coordinate the activities.

The workshops are sponsored by the California Association for Health, Physical Education and Recreation.

Al Arps heads the men's program and Lois Messier heads the women's workshop.

### Public Relations For School Personnel During Annual P.E. Workshop

This year's physical education workshop, in addition to other outstanding features, will present for the first time a program designed for school district public information personnel. The program is entitled "Public Relations In Physical Education" and will have leading men in the field furnishing the instruction.

The staff will include Ralph Alexander and Ira Walsh of the Los Angeles Examiner who will head the instructional staff. Others taking part will be John Healey of Cal Poly; Don Selby of the San Francisco Examiner; Mary Kapp of the Los Angeles City School System and formerly of the Los Angeles Daily News; Robert Young of Pepperdine College and Braven Dyer Jr. of the Holms Athletic Foundation.

The discussion will center on the various phases of physical education and athletics and how programs can be presented and interpreted to the general public through press, radio and television.

There will also be 12 scholastic sports association boys who will participate in special classes for them the second week of the conference.

### Poly Holstein Bolsters Guatemalan Herd

When Herman Ubleto, freshman dairy husbandry major, went home for summer vacation, he took no ordinary campus souvenir.

With him to Guatemala City went Polytechnic Bomber Ideal, purchased by Herman's father, Francisco Ubleto, Guatemalan rancher, as the first of Cal Poly's prize Holstein-Friesian herd to be shipped to that country.

Polytechnic Bomber Ideal followed on the heels of another registered Holstein-Friesian bull, Polytechnic Ideal Warrior, sold to Genaderias & Lecherias Praco, Chia, Colombia.

## Poly Holstein Sets Record; Top College-Owned Cow

Poly Governor Colantha, one of California State Polytechnic college's leading Holsteins, has set a new record for college-owned cows in the nation. For the third successive year, the Cal Poly cow has produced over 1100 pounds of butterfat. George Drumm, college dairy department head, reports that the seven year old animal in posting her last record produced 29,409 pounds of milk and a 4.1 per cent test with a total of 1210.2 pounds of butterfat. The milkings were three times a day for 365 days.

The cow, sired by Carnation Imperial Emperor, produced 28,590 pounds of milk and 1161 pounds of butterfat in 1954. In 1953, she produced 29,605 pounds of milk and 1102 pounds of butterfat at four years of age. At three years of age, she produced 207.4 pounds of butterfat and 22,322 pounds of milk.

Poly Governor Colantha is upholding family tradition, because her mother, Polytechnic Bess Colantha, has held the United States record for senior three year olds since 1948 with 28,157 pounds of milk and 1010.7 pounds of butterfat.

Drumm believes there are only (Continued on Page Four)

### Campus Animals Need 2500 Tons of Feed

It takes 2500 tons of feed per year to keep Cal Poly's livestock going, and 14 students are learning this first hand by working at the feed mill for Emmett Bloom and Bud Collett.

Bloom is instructor in charge of the show and Bud Collett is feed foreman. They see that all the different feed mixtures needed for the school's horses, pigs, cattle, sheep, chickens, are mixed in the proper proportions.

Campus produced hay comprises 500 tons of the 1500 tons that is used yearly. Also produced on campus are 40 tons of corn, 40 tons of milo, and 80 tons of oats. All the rest of the feed consumed on campus has to be bought from outside sources.



LAST MILKING... Checking production on last milking of Poly Governor Colantha, one of Cal Poly's leading Holstein cows who recently set a record, are left to right, Ed Leal, senior student from Hugheson, milker; Dan Hollingsworth of Pomona, tester; and Philip Page, herdsmen. (CP Photo)



## Health Center Remodeling Plans Set For Next Year

Plans are being made which will materially change the appearance and to a large extent the function of the present health center, according to Dr. E. D. Lovett, college health officer. "However, the changes are not scheduled to be completed until next year," says Dr. Lovett. "A \$10,000 expansion program will allow the health center to handle at least 900 women students," he added.

The present building is to be remodeled and one half of Sierra dormitory will be made into a men's ward. Rooms now occupied by student assistants and the adjoining isolation room will be converted into treatment rooms. One side of the ward will be used to house the acutely ill, isolation patients and the night nurse. Combination cast, emergency op-

eration and a treatment room will occupy others. The waiting room will remain essentially as is, Dr. Lovett says.

"The Health Center is busier than it has been in the history of the college. We handle as many visits in one month as we did in a full year four years ago, and the committee estimates that women students will make twice as many calls as men," says Dr. Lovett.

A new health center is ninth on the building list and scheduled for 1954," says Dr. Lovett.

The service division of one automotive firm carries in stock parts for more than 70 makes of cars, trucks, buses and tractors—some of which were manufactured more than 30 years ago.

## Producers Urge More Milk For School Children

More milk for school children was a keynote of the first annual meeting of the members of the Milk Producers' Federation who gathered on the California State Polytechnic College campus recently.

W. B. Woodburn of Sacramento, manager of the California Dairy Industry Advisory board, told the 100 persons attending that last year only one-third of the children in California schools received milk. Under a new formula setup for the state by the board, which will be in operation this year, Woodburn said he expects that two-thirds of the school children will receive milk.

**2 Million For State**  
"The federal government has appropriated \$60,000,000 to encourage the use of milk in schools," he said. "And California's share is \$2,386,000."

The new formula for California allows milk to be sold to school children at 5 cents a glass," he said.

William Hunt, deputy chief of the bureau of milk control, told the group that state legislation this year made the most drastic change in the milk control act in 17 years. He described senate bill 921 as creating a price on the components of milk and a second bill, known as the Hansen Bill, changes the whole system of retail pricing.

**Quantity Discounts**  
"The Hansen bill requires the bureau to consider the cost only on the reasonably efficient distributors and not on all distributors," he said. "And it also provides for quantity discounts which will reduce the price of milk to large users."

Hunt also said the bureau is working on an automatic formula for establishing producer prices on milk.

The entire slate of last year's officers were reelected. They are Joe Hart of Modesto, president; Ted Pretzer of Fresno, vice-president; Don Hardie of Modesto, secretary and Hein Pouten of Petaluma, treasurer.

Elected regional vice-presidents are: A. C. Pollard of Turlock, John Busch of San Jose, Henry Kloss of Elk Grove, Arthur Tomlinson of Hughson, Jack Lowe of Hanford and Leslie Briens of Petaluma.

## Cruikshanks On Bus Man's Holiday At Stanford

Cal Poly's faculty might take a tip from Dr. E. B. Westley, professor of education at Stanford University, who recently took off to attend an N. E. A. conference at Chicago and left one of his students in charge.

The student happens to be well qualified, according to rumors in Cal poly's social science department. He was A. Norman Cruikshanks, head of that Poly department, who is working on his doctoral dissertation at Stanford this summer.

Shades of a bus man's holiday! Wonder if A. Norman got an "A"?

## Inside Story Revealed!

The inside story of Standard Oil Company is being revealed to Eugene A. Rittenhouse of the economics department this summer as he attends staff meetings and witnesses the industrial operations of the many diversified branches of the large company. Rittenhouse, awarded a fellowship by the company, is attending a summer seminar where each participant is asked to write his observations on the phase of the work most interesting to him. In this way the company receives suggestions from teachers who have been trained in specialized fields. Of course, the experience is also of great practical value to those taking part.

## ME Student Picked Happiest Man

By Bob Nielson

Who do you think is the happiest student on campus?

Mrs. Katherine Wilson, the girl who takes your money when you take new books out of the Bookstore, nominates Mechanical Engineering Major Web Saxon Wraith for the honor.

"He is always smiling, whistling, or laughing," she said when asked why she had mentioned him.

### Good Grades

Wraith is a well known name on this campus. He is one of those D.A.R. (darned average raisers to the uninitiated.) During the four week term this summer he spent his afternoons studying in the El Corral. He was that curly headed blonde guy that sat in the corner by the door to the hall. He always seemed to have a table full of books spread out in front of him.

Wraith is about five foot 10 inches tall and weighs approximately 180 pounds. He is 28 years old and has a wife and three sons. The Wraith family lives in Shell Beach and papa commutes to school every day.

This guy has three years of service time behind him and he was one of those lucky people that had a commission. He graduated from Santa Clara University and had been in the ROTC there. He was offered a commission in the regular army.

"I made the mistake of taking it. I reasoned that with it I could stay in if I found that I liked service life. I didn't! Consequently I had to stay in an extra year," said Wraith when talking about this phase of his life.

### Political Science Grad

He graduated from the school of political science at Santa Clara. He was planning to go into law. When he finished with the service he started looking for something which wouldn't take so long to work up. He decided to come to Poly and major in mechanical engineering.

He is embroiled in a number of extra activities here. These are the College Union Board, ME Society, and the S.A.E. Leisure time away from school is spent with his family at the sea shore.

### Lived Near Chico

He was raised on a small farm on the outskirts of Chico. His father was a game warden in that area and Wraith likes to speak of times that he has gone hunting with his father.

"I would like to live in the Bay area or somewhere in the state of Washington," he said when asked about his hopes for a home after leaving here. During the regular school year he supplements his GI Bill check with a school bus driving job.

## Muscle Men Workout In Deuel Basement

Attention weight lifters!

A new club has been organized and is open to anyone with a serious interest in working out several times a week. The weight room is located in the basement of Chase Hall and will be open 8 a.m. to 5 p.m. on weekdays and 8 a.m. to noon Saturdays.

Time will be allotted to groups of four or less on a first come first serve basis. The club is small right now but soon expects to outgrow its cramped quarters.

At present the club's equipment includes 800 pounds of weights, a squat rack, overhead pulley device, inclined bench, dumbbells, mats and a nearly completed leg press machine. However additional equipment is accumulating from new members who find the club room a convenient place to store equipment.

For information contact Richard Costa at the housing office in Chase Hall or John Liston at 46 Deuel Dorm.

An oil filter will remove a pound or more of dirt and sludge from a car's oil during 5,000 miles of driving, according to automotive engineers.

## Scholarships Awarded In Electronics

Scholarships in electronic engineering at California State Polytechnic college have been awarded to Robert E. Alberti of Rosamond and John Carr of Glendale. It was announced this week by Harold Hayes, dean of the engineering division.

The scholarships are awarded annually by the West Coast Electronics Manufacturers Association and presented at WECEN's All-Industry Banquet.

### Three Day Confab

WECEN is the convention held every year and sponsored jointly by the seventh district Institute of Radio Engineers and WCEMA. San Francisco's Civic Center is the site of the 1955 convention to be held August 24-26.

The purpose of the scholarship fund is to encourage more students to attend western colleges and universities with electronics engineering courses. During the 1954-55 year, 17 students attended 11 west coast schools with the assistance of the fund.

Harold Hendricks, acting electronics department head, will accompany the two scholarship winners to the convention, where they will be guests of honor at the banquet. Hendricks will be the official representative of the college, Dean Hayes disclosed.

Alberti is a graduate of Desert high school in Rosamond.

Carr is a graduate of Hoover high school in Glendale and resides at 1081 Royal Boulevard.

The winners of last year's WCEMA scholarships were Richard Martin of Sacramento and Ray Strong of Orcutt.

## New Cage Rule Changes Face of Gym Floor

It looks like the little man may have a chance again on the basketball court.

Due to a recent rule change, the hardwood at Crandall gymnasium is undergoing a face lifting. The new rule which changes the width of the key from six to 18 feet will be a welcome change to the little man. No longer will the tall men be able to stand there and put their arms through the basket while tipping in free shots.

The workmen also are doing a new refinishing job on the entire floor.

Dr. Robert Mott, head of the physical education department, says of the new cage rule change, "The good little man will have the same chance as before. The widening of the key doesn't change the height of the players."

Next basketball season will tell the effect of the rule change and how it will effect the game in general.

Eat your fill and set your feet to dancing

AT

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"TUNA CLIPPER SHIP"  
Tom & Jerry Cartoon  
Latest News Events





**OLD TIMER**... Cal Poly printing students, left to right, Ray Lysher of Richmond, Lee Vandiver of Santa Cruz, and Melvin Beglaw of Honolulu, look over an old paper plow which is nearly 100 years old. The rare piece of equipment was recently presented to the Cal Poly printing department by the curator of a museum at San Juan Bautista park. (CP Photo)

## Rare Paper Plow Placed In Poly Printing Museum

A rare piece of printing equipment has been added to the Shakespeare Press printing museum, at California State Polytechnic college.

The paper plow, or cutter, is nearly 100 years old and is one of four known to exist in this country. All four are now in museums. The cutter consists of an iron frame with a wooden table. A grooved iron cross bar, raised and lowered by gears, is above the table. This bar acts as a guide for a moving part that holds a knife. Paper placed on the table was held in place by lowering this bar to make contact with the paper and then the knife was pushed back and forth across the bar cutting the paper. As the depth of the cut increased, the knife was lowered. The plow was capable of cutting up to ten sheets of paper. Modern cutters handle up to 1000 sheets.

The paper plow was discovered by George Kane, a Gilroy publisher, among some discarded equipment in his plant. He turned it over to the California State Park museum at San Juan Bautista several years ago. After the establishment of the Shakespeare Press

Printing museum here, Kane felt the equipment more properly belonged in printing museum and approached R. J. Rodriguez, curator of the San Juan Bautista museum, with that idea in mind. Rodriguez agreed and A. M. "Herb" Fellows, head of the Cal Poly printing department and curator of the museum, with some of his students went to San Juan Bautista.

Present at the transfer was Charles L. Palmer of Fresno, who established the Shakespeare Press and who maintains the antique type section of the collection at his home in Fresno.

At present the paper plow is undergoing cleaning and painting in preparation for adding to the collection here. The Shakespeare Press Printing museum is sponsored by the California Newspaper Publishers association.

## Hughes Named A Commissioner In Midget Football

LeRoy B. Hughes, athletic director of California State Polytechnic College, has been elected deputy commissioner of midget football by the 26-year-old Pop Warner National Conference of Philadelphia, USA headquarters for some 80,000 youngsters not over 12 years nor over 100 pounds who play "supervised-safety-first" football on little-league-sized grids with a 19 by 27 inch ball.

Last January, the American Football Coaches association honored the program by presenting its founder, Joe Tomlin, Swarthmore (Pa.) College alumnus, the Amos Alonzo Stagg award.

Deputies comprising the Pacific Coast Pop Warner program are Managing Director Perry A. Winstead of San Bernardino; George H. Allen, Whitman college; Joseph R. Reidler, Whitman college; Leonard J. Casanova, Oregon university; Bob Bronsman, San Jose State college; John Chubbuck, University of Washington; Dr. Floyd R. Eastwood, Los Angeles State college; Jim Ennis, Everett (Wash.) high school; Sid Gillman, Los Angeles Football Rams; Kenneth C. Glendon and Clark Van Galder, Fresno State college; Jose T. Hill, University of Southern California; Charles A. "Chuck" Taylor, Stanford university and Ben H. Winkelman, Palo Alto.



**CHECK DATE**... Lee Vandiver, left, and Melvin Beglaw polish up the brass plate on the paper plow, thought to be one of four in the country. The machine was made July 13, 1858, by the Anson Hardy Cutting machine company of Rockville, Mass. (CP Photo)

## Hondricks Joins Electronic Heads At Convention

Cal Poly's representative to the largest group of electronics personnel ever assembled on the west coast will be Harold Hondricks, acting head, it was disclosed today by Harold Hayes, dean of engineering.

The convention is sponsored jointly by the West Coast Electronics Manufacturers' Association and the Los Angeles and San Francisco sections of the Institute of Radio Engineers and is known as "WESCON". The 1955 WESCON will be held in San Francisco, August 24, 25, and 26, and will bring together 20,000 engineers, scientists and businessmen in the electronics field.

**Give Scholarships**  
One of WESCON's more important functions is a scholarship program, designed to encourage more college students to matriculate in western colleges and universities with electronic engineering courses. During the 1954-55 school year, 17 students attended 11 west coast schools with the assistance of the fund.

WCEMA is composed of 186 companies in the electronic manufacturing, research, and development fields in the western states. Although the largest concentration of these companies is in the San Francisco and Los Angeles areas, there are also member companies in cities from San Diego to Seattle.

**Originated in 1912**  
The IRE originated in 1912 and today, has grown into one of the largest and most progressive professional societies in the country. It boasts a present membership of over 42,000.

Some 500 exhibits will be displayed in San Francisco's Civic Auditorium.

In addition to the exhibits, interesting highlights of the convention include the All-Industry dinner, and a program of field trips and technical sessions.

The most modern foundry in the British Commonwealth of Nations is a subsidiary of a U.S. automotive company.

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Just Like Home

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You won't find special payment-type merchandise here — only high-quality brands; the kind we're proud to have you use as you pay. You're our reputation.



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Gifts  
Clocks

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Gregory Peck & Wim Min Than  
in  
**"Purple Plane"**  
Also  
Bob Mathias & Ward Bond  
in  
**"Bob Mathias Story"**

Tues and Wed  
Ida Lupino & Jan Sterling  
in  
**"Womens Prison"**  
Also  
Alec Guinness & Joan Greenwood  
in  
**"The Detectives"**

Show Starts At Dusk



# El Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE



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## The Women Are Coming

(Apologies to Paul Revere)

Man your stations fellows  
Don't grab until you take a close look,  
remember it might be your mother!

Some say that we've improved it  
Others say we've cramped their style  
Some say we've come for learning  
Others say just to beguile!

I notice hesitation  
Thinking how to say what's best  
Some decide to re-phrase it  
Others get it off their chest.

But any way you spell it  
The co-eds are on the hill  
And the campus now resounds  
With their voices and their frills

Add a bit of color  
That really blends quite nice  
So before you make a statement  
Think it over twice.

Once you're acclimated  
You will take it in your stride  
You are experts on figures  
(Math Dept. is your guide)

Refrigeration majors  
(Cold shoulders are your line)  
"To Each His Own" department  
Every station is well manned  
No doubt the situation will be well in hand

But should you ever ponder  
About the "don'ts" and "do's"  
Enroll in course "Pay. 408"  
You'll get all the clues!

Gal Polly

## Application Dates Set For Exams

Announcement of the next semi-annual examinations by the California State Board for Civil and Professional Engineers are as follows:

Engineer-in-Training, December 8; Professional Registration, December 10; Land Surveyor, December 10.

The annual examination for Structural Authority is November 25 and 26.

The final date for which applications will be accepted for consideration to these examinations is September 1. No application will be accepted after this date. Applications must be in the Sacramento office or postmarked by midnight September 1.

It is suggested that persons interested file as early as possible, as the time required for processing and board consideration is variable and the earlier date might insure the necessary consideration of your application.

The above information applies to all applicants, both new and those who have previously taken the examination.

No applications will be considered if received after September 1 and applications which are not complete will be returned.

## Architects Build Scrapbook, Too

California State Polytechnic College's architectural engineering majors are looking for a new scrapbook for their clippings.

When a recent issue of "Arts & Architecture" appeared, they saw their third feature in the internationally-circulated magazine's last four issues.

First article concerned "Gee!"—unique twisted structural brick spiral designed to test material strength but now a center of decoration on the 8,000 acre Cal Poly ranch-style campus.

Second article described a new "floating gallery" designed by the students for the display of building products.

This month's feature dealt with kites—designed by the department's undergraduates as a study in structural planes.

By the time this appears, Dean Ward Shepard's secretary, Wanda Ewing, will no doubt have finished her last required hour of cross-country and have her shirt tail on the hangar wall.

Poly's chief dressmaker, Ralph Weston, who's head of the committee making plans for all-out admission of co-eds in the fall of 1956.

## SEEN A ZEBU? You Have If You're A Rodeo Fancier!

What's a Zebu you say?

Well, if you have ever gone to a rodeo you have seen them in action. The Zebu is the breed commonly known as Brahman.

Aside from rodeos have you ever stopped to consider what the breed is really like?

An authority on the subject says that the Zebu, or if you like, the Brahman, is really quite docile. The animals are said to have a sensitive temperament and to possess a higher I.Q. than many animals. In fact, the American Zebu Breeders association continues to improve the breed as a beef stock as well as milkers.

In this country the breed is used mostly in the southern states. They have been crossed with other breeds to produce five new cross-bred strains which appear to be promising for those areas in which they were developed. These five new breeds are, Santa Gertrudis, Beefmasters, Brangus, Braford and the Charbray.

The loose skin, which causes many a bull rider to hit the dirt, serves to give the animal more room for a cooling system. This gives him an advantage over tight skinned animals and he can survive long periods of heat while continuing to forage.

But as with people, there are animals that are ornery and because they are mean and dangerous they are used as rodeo stock.

His Se's Robert Rodin is busy building a house this summer and his fellow faculty members checked his plans to make sure all the bugs were worked out.

## Final Exams

The time of final examinations is determined by the hour your class met during the term, announces Leo Philbin, registrar.

If you have a four or six unit combination course, or a five unit course meeting in two blocks per day, your instructor may choose to give an examination in more than one time block, says Philbin.

Finals will be held, at the time indicated, in regular classrooms Thursday and Friday, September 1 and 2.

Class Hour	Exam Hour
7:30	Thurs. 8
8:30	Fri. 8
9:30	Thurs. 9
10:30	Fri. 10
11:30	Thurs. 10

Classes not falling within these blocks, will have finals the last class or laboratory meeting.

It is believed that the first drive-in service station began operations in 1905, at the plant of the Automobile Gasoline company, in St. Louis.

## Poly Holstein Sets Record

(Continued from Page One)

three Holsteins in the United States that have produced over 1000 pounds of butterfat during four consecutive lactations. College dairy men will be watching Poly Governor Colantha's performance for the coming year.

The top Holstein cow has not only been busy producing milk. After finishing her record on June 25 she gave birth to a heifer calf on July 27.

## Church of Christ

1444 Santa Rosa

### Sunday Services

11:00 a.m.

7:30 p.m.

### Bible Study

Sunday 9:45 a.m.

Wednesday Evening

7:30 p.m.

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