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CALIFORNIA STATE POLYTECHNIC COLLEGE

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SAN LUIS OBISPO, CALIFORNIA

TUESDAY, FEBRUARY 23, 1965

Norm Manzer To Attend Education Conference



Norman S. Manzer, a senior studying Agricultural Business Management, will leave today for Ithaca, N.Y., where he will take part in an International Conference of Students.

The conference, whose theme will be "The University Education—A Student Perspective," is planned as part of Cornell University's centennial celebration and will be attended by student delegates from more than 100 foreign nations.

Cal Poly is one of but 10 colleges and universities in the United States invited to send representatives to the conference, which will conclude Sunday.

Invitation for the event came in a letter to the college from Dr. James A. Perkins, president of the eastern university. Selection of Manzer to represent Cal Poly followed.

Manzer, son of Mr. Earl E. Manzer, Jr. of Oxnard, is active in campus student activities and is a member of Blue Key, a national honor fraternity. He will become a member of Alpha Zeta, national honor fraternity next week.

He has been a member of the President's List for scholastic achievement each of the past two years and in addition to his other campus activities is currently employed by the Associated Students, Inc., as a ticket manager.

Banana Boat Features TV Dinners

LONG BEACH (AP)—A new style banana boat has arrived at Long Beach harbor; it's automated, it has only one cook, who serves the crew nothing but TV dinners, and a nervous skipper. He hates bananas.

The new age in banana boats is a 6,450-ton motor ship called Polarstern which arrived in port recently after a record run from Ecuador.

It was built in Hamburg, Germany, last year and was designed for speed and efficiency.

It requires a crew of only 28, compared with 42 on the old-style banana boat. The ship carries enough frozen dinners to serve the crew something different every evening for 30 days. All the cook does is pop them in the oven.

The refrigerated hold carries 2,500 tons of bananas and the skipper, Captain Steffen Friedrich, worries about them. If the temperature falls below 50 degrees they turn black. The ship has temperature regulators everywhere, and an alarm in the Captain's cabin sounds if a banana is in danger of frostbite. But, he says, he still worries.

The Polarstern has an automatic banana unloader that looks like a ferris wheel. It scoops up bananas from the hold and takes them topside where an endless belt carries them to the dock.

And, the banana boat is a breaker of speed records. It made the run from Ecuador to Long Beach in 5 days, 23 hours, beating the old cargo record of 7 days, 4 hours, set by a Japanese ship.

The Polarstern, operating for the Columbus Line, will make weekly trips at a fast 23 knots between Long Beach and South America.

Dairy Club Plans Banquet March 6

The 18th annual Dairy Club banquet will be held on March 6, at 7 p.m. in the Elks Club.

According to Art Perry, chairman for the banquet, an entertaining evening will be provided for those in attendance. The program includes a barbecued steak dinner and awards presentations. The awards will be made to the judging team and also to outstanding seniors in the Dairy Department.

There will be two honored guests of the banquet, Elmer Hansen of San Luis Obispo, who has been with the Curtiss Bull Stud, is representing the dairy husbandry field, and George Bookley, who is with the Carnation Co. of Los Angeles, will represent the dairy manufacturing industry.

Returning alumni will also be in attendance. Special guest will be a former Cal Poly coed and California Dairy Princess, Heather McPherson.

Tickets are on sale from dairy students and also from Jim Hurley. Cost will be \$1.25 per person.

Foreign Study Program Names Poly Students

Twenty-two students will represent Cal Poly at foreign universities next year when they participate in the California State Colleges International Programs.

Announcement of those accepted to the program was made last week in letters sent to the students by the Office of International Programs.

Participants will be provided with books and other materials regarding the host country, academic procedures of the host universities, and the responsibilities of United States citizens abroad. Prior to departure for the host countries, all students must attend an orientation conference on the San Francisco State College campus.

Orientation continues after arrival in the host countries and an intensive language study is concurrent with the regular academic year. Lectures and seminars will be selected for the student according to his respective major field of interest.

The cost of participating in the International Programs for the academic year is as follows: France, Germany, Italy, Japan and Spain: \$1670; Sweden: \$1870; and Taiwan: \$1270.

The program cost includes cost of room, board, and materials required at the Orientation Conference held prior to departure; transportation from California to host university and return; room and full board while in residence at the host university; and health and accident insurance.

The program cost does not include incidental and personal expenses or vacation travel.

The programs of study abroad were established according to guidelines approved by the Trustees of the California State Colleges. The programs are cooperative and statewide in nature and are open to all qualified students and graduates of the California State Colleges.

The following students have been chosen to study in Sweden: Virginia Crostie, William Dickens, Suzanne Douglas, Ted Norquist and Susan Gray. Alternates are Carlton Billings, Terrence Grimes, Jon Howell, Roy Kirkorian, Paul Martin, Lawrence Parlapiano and Leighton Richardson.

Going to Japan will be Carolyn Escobar, Mary Gohler, Alvin Goldberg, Kathryn Keebaugh, Karen Sabuloni, Roger Scott, Sally Sill and Toni St. Onge. Trudi Zeiss is an alternate.

The lone traveler to France will be Leonard Helfetz, son of Emmanuel Helfetz, music instructor at this campus.

Airbase Made Into Job Training Center

PLEASANTON (AP)—A dormant section of Camp Parks—a former Air Force Base near Pleasanton—will be reactivated to train jobless young men and boys.

The Office of Economic Opportunity awarded a \$3 million dollar contract to Litton Industries to operate a job corps training center at the camp. The Beverly Hills firm will administer the center in cooperation with the University of California for a two-year period.

The center will train 2,000 employed persons 18 to 21 years old from all parts of the country.

Mayor John B. Long of Pleasanton said he is confident Litton will make the project a success.

The young people will receive a basic education, vocational training in various skills, leadership training and job counseling. They will be paid a small monthly living allowance and will be given room and board, medical and dental care and work clothes.



Thomas Gartland

Poly Graduate Joins Peace Corps

Thomas Gartland, a graduate student, is one of 20 Peace Corps Volunteers who left Jan. 23 for Malawi, in eastern Africa, to teach in secondary schools.

As a Cal Poly student, Gartland had been active in various international events. He participated in such activities as People to People and last year's International Week. Gartland was also active on the Debate team.

Malawi, formerly Nyasaland, became independent last July, and needs educated leaders to administer its government and build its economy. Only about 10 per cent of its 4 million population can read. Although nearly 300,000 students attend primary school, less than one per cent continue in secondary schools.

Before more students can be enrolled, more teachers are needed. Peace Corps Volunteers are helping to fill this need until Malawi can provide enough teachers of its own.

The volunteers will teach English, French, history, art, mathematics, science, and geography. English is the language used in schools.

Gartland trained with a group of 25 other volunteers for 10 weeks at Syracuse, N.Y. The group studied history, culture and government of Malawi, world affairs, United States history, and Chinyanja, the language of Malawi. Volunteers were instructed in teaching techniques and were given several weeks of actual practice teaching in the Syracuse schools.

Nineteen-year-old George Alsup and the other men just left an unemployment office with \$55 weekly benefits.

The young men proposed a test of honesty. Alsup was given a wallet and told to drive around the block and return. Alsup did. Then Alsup gave his newly formed friends his wallet. The last he saw of them was when they went walking away.

Sturgeon's bill would ask for legislation deleting the national interest section. He said, "Three million tons, or three per cent of the rock have already been removed. The corps claims," Sturgeon said, "it is cheaper to ship away at the rock than to transport breakwater material long distances."

State Park?

Sturgeon Sponsors Morro Rock Bill

SACRAMENTO (AP)—The controversy over the "Gibraltar of the Pacific" sparked legislation last week in the State Senate.

Sen. Vernon Sturgeon, a Paso Robles Republican, sponsored a resolution asking Congress to pass a measure making Morro Bay rock in San Luis Obispo County a state park. The rock was decided as a state park in 1931, Sturgeon said. But, he added, the Army Corps of Engineers was entitled to take as

Campus Events Scheduled For Engineering Week

"Engineering . . . For Human Needs" is the 1965 theme for Engineering Week, currently being observed across the nation.

Each year, the Week includes the birthday of George Washington, a military engineer and surveyor. Now in its 15th year of observance, the Week was initiated after an historical review of Washington's engineering activities revealed in his extensive professional contributions.

SCTA Raps Pay Boycott

Threats by union-affiliated teachers in the California State College System to take strike action as a "blow down" in the classroom were denounced recently by future teachers as damaging to both the state colleges and the teaching profession.

The executive board of the 4,000-member Student-California Teachers Association (SCTA) declared in a resolution that "illegal and hasty strike action would alienate public opinion at a time when citizen respect and support is vital to the teaching profession and to the state colleges."

The SCTA resolution urged the state legislature to approve bills now to restore the losses in college faculty salaries which have resulted from budget miscalculations. It also asked the legislature to authorize additional allocations to attract and retain quality faculty in lieu of rapidly increasing national competition for academic personnel.

Miss Rita Pressler, SCTA president and University of California (Berkeley) student warned that when the teachers strike, as proposed by professors who are members of the California Federation of Teachers, "they will strike against students, not the legislature. A day's education lost to us by a teacher's strike is lost forever."

"One can immediately recognize the emotional and economic feelings involved," Miss Pressler said. "However, constructive action to restore salary losses and to advance college salaries to competitive levels should be the goal of all those interested in the best for education, rather than reprisals aimed directly at students who are in no way responsible for the salary situation."

Testing Center Busy During April, May

Three major tests will be administered through the Testing Center in April and May as part of the spring schedule of examinations.

The first, the Graduate Study in Business test for those interested in graduate study for masters degrees in Business, will be given on April 8. Although registration for this test closes on March 20, there will be no penalty date for the \$10 registration fee.

On April 24, the Graduate Records Examination will be administered. April 9 will be the final day for payment of the test fees of \$7 for the aptitude test, \$8 for one of the advanced tests, or \$12 for both.

Poly Royal has forestalled the Scholastic Aptitude Test (SAT) scheduled for May 1, to be moved from Cal Poly to San Luis Obispo Junior High School, April 8 is the deadline for the registration fee of \$4.50. Additional information can be obtained by writing to 1047 Center Street, Berkeley, 4.

Davis Campus Will Try Unique Residence Plan

SACRAMENTO (AP)—College campus living styles are changing, and there's no better place to start than the University of California at Davis.

Starting this spring semester, 420 students—180 men and 240 women—moved into a residence hall complex unlike any on a college or university campus in the nation.

Instead of one large building, students live in seven houses—80 to each house—and there's an eighth house for the central lounge and headquarters building.

English Club Drama Debut Scheduled This Weekend

"The Taming of the Shrew" will be presented in four evening performances, beginning at 8 p.m., Feb. 26, 27, and March 5, 6, in the campus Little Theater.

Tickets are now being sold by English Club members. The price is 75 cents for students and \$1.50 general admission.

The play is under the direction of Mr. Keith Nielsen, and Steve Moore, stage manager.

Written by William Shakespeare, "The Taming of the Shrew" tells a story within a story, a device that Shakespeare tried only once. The play is arranged for the amusement of a drunken tinker and is the tale of the taming of the shrew, the hot-tempered woman who is finally conquered by her husband.

The cast includes Dennis Bevis as Vincentio; Jill Carter as the Pedant; Don Coughlan as Baptista; Donna Marie Cotner and Deanna Wilbur as Katherine; Mike Dickin as Hortensio; Pete Ennate as an officer; Charles Franklin as Tranio; and Cindy Shier as the servant.

Also appearing will be Rod Heesch as Lucentio; Dave Hogan as Gremio; Candy Jones as Grumio; and Sandra Kallin and Heidi Young as Bianca; Clem Michel as Blomelio; and Douglas Vosabrink as Petruchio.

Costumes are being made by Chris Moore, Deanna Wilbur, Bobi

LACROSSE CHAMP NANCY was the 1963 lacrosse champion. The Middles only loss was to Army, 11-0, in the season's last match.

The Poly Engineers will join more than 100 cities in 50 states in proclaiming and observing National Engineers Week.

Observation locally began last night with a symposium of representatives from large industry, military and graduate schools. Moderated by Mike Lennie, senior Mechanical Engineering major, the speakers expounded on the relative merits of entering their particular field following college graduation. A vigorous question and answer period followed.

Campus Day Draws Juniors, Seniors

An observant Polyite noticed the campus expand by 250 students yesterday and contrast to its normal size today.

During the third annual "Campus Day," juniors and seniors from 24 high schools visited Poly. They were given a tour of the campus, met in the Little Theater, ate in the cafeteria, observed dorm life, and attended 1 and 2 p.m. classes in order to become familiar with the department of their interest. Many of the students expressed a desire to attend Cal Poly after graduation from high school.

High schools participating were San Luis Obispo, Palmdale, King City, Edison, Corcoran, Paso Robles, Bullard in Fresno, Roosevelt in Fresno, North Salinas, Tulare, Taft, Rightell, in Santa Maria. Hanford, Delano, San Marcos, Arroyo Grande, Shafter, Porterville, Redwood, Kingsbury, Shandon, Caruthers, Selma and Lindsay.

Accompanying the film will be presentations by two JPL staff members, Don D. Lord, an alumnus of Cal Poly, and Lowell Anderson. A question period will follow.

This film-lecture will be open to the public, and the admission is free.

Scheduled as a climax to the week-long observance, which is officially proclaimed and guided by the National Society of Professional Engineers (NSPE), will be a roast beef banquet on Saturday at 6:30 p.m. in the Staff Dining Hall. Guest speaker will be Kenneth Mundt, executive vice president of Aerojet General Corporation. Sharing the highlight of the evening with Mundt will be the crowning of "Mrs. Engineering 1965," Deanna Rogers.

Mrs. Rogers, 21, will be presented with the perpetual trophy which she, in turn, will present to her husband's department—Aeronautical Engineering.

The cost of the banquet is \$2.75 per person with tickets available from members of the Engineering Council, ABE office or Dean of Engineering Harold Hayes. Tickets will not be sold at the door.

NSPE has over 60,000 members in the United States. They have set aside this special week to encourage engineering students to develop a professional attitude toward their work," according to Keif.

The Engineering Council has invited members of the Central Coast Chapter of the California Society of Professional Engineers, which includes several members of the Cal Poly Engineering faculty, to share in the observance of National Engineering Week.

Anyone wishing to sign up for the CU Outings Committee sponsored trip should do so in the Associated Student Body Office. Anyone wishing to donate sleeping bags is requested to contact Peggy Newgard in the Activities Office.

College Union needs sleeping bags for a weekend campout trip to Death Valley on March 5-7. The trip is planned to enable foreign students and other strangers to the camper's world to enjoy the experience of sleeping out as well as to see Death Valley.

Borrowed sleeping bags will be used with the understanding that students using them would have them cleaned before returning them. The trip, costing \$12.50, will include transportation and meals as well as a tour of Death Valley and Scotty's Castle, a landmark in the valley.

The purpose behind this is to give students an opportunity to live with and know well a small group of fellow students while on a large campus.

Each of the seven residence houses has its own government and plans its own social activities. In addition, seminars and tutorial sessions are held for lower division students.

The whole complex has a senior resident who acts as a house adviser. Faculty advisers chosen by the students also sit in on seminars.

Poly Student Driver In Auto Collision

Donald Lee Sturges, 18, a Cal Poly freshman, was injured Friday morning in a car-truck collision on Highway 66 that claimed the life of one of his passengers, an Allan Hancock coed.

Killed was Mary Kay McWilliams, 18, daughter of William McWilliams of Shell Beach. Miss McWilliams was a 1964 graduate of Arroyo Grande Union High School and was attending Allan Hancock College in Santa Maria at the time of her death.

Sturges, a Mathematics major from Arroyo Grande, received minor cuts when the car he was driving went out of control and side-swiped a two-ton truck 12 miles north of Gilroy, according to Highway Patrol. Another passenger in the Sturges' vehicle, Julie Casper, 17, of Grover City, received a broken leg.

The trio was heading towards Lake Tahoe for a weekend of skiing when the accident occurred.



UPSET . . . Bianca (Sandra Kallin) is crying as her father's (Don Coughlan) shoulder after quarreling with her sister (Deanna Cotner) over a man, a scene from "Taming of the Shrew" to be presented this weekend.

News in Brief

From Associated Press

WASHINGTON (AP)—California Senator George Murphy has been appointed to the Republican, Senatorial Campaign Committee. The group, which is headed by Senator Thurston Morton of Kentucky, concerns itself with efforts to elect GOP senators.

VIET NAM (AP)—The latest word from South Viet Nam is that ousted General Khanh has been dragging his feet on attempts to get him to leave the country. He was tossed out of power by a group of young generals. There's speculation they've offered him a post abroad, but Khanh is said to want to meet with the full armed forces council to discuss the matter of his future. Meanwhile, the military has begun a shake-up of commands of key units in the armed forces.

PASADENA - A Ranger VIII satellite has streaked across the face of the moon, snapped more than 7,000 pictures of its surface, relayed them back to earth and crashed only 15 miles off target. Scientists in this country and in Britain have hailed the flight as an improvement on the performance of Ranger VII. Ranger VIII returned more than twice as many pictures as its predecessor, and the pictures appear to be of better quality. They cover a larger area of the moon and apparently have given sharper detail of its surface.

SANTA BARBARA - University of California President, Clark Kerr, has told a news conference that the University opposes a student tuition fee. "Tuition would close the greatest door to opportunity the state has ever had," Kerr said. Tuition has been advocated by some state politicians.

BERKELEY - The University of California at Berkeley says money given by individuals and corporations during the recent period of campus unrest was 100 per cent greater than that given a year earlier. A spokesman said \$708,176 was given during November, December and January compared with \$168,917 in a like period the year before.

NEW YORK - Police in New York and Chicago are on guard against any attempt to avenge the assassination of Black Nationalist leader Malcolm X, shot down as he started to address a meeting of his followers in New York Sunday. Authorities describe the shooting as an apparent outgrowth of the 15-month feud between Malcolm X and the Black Muslims headed by Elijah Muhammad in Chicago. Special police details are posted outside Muhammad's three-story Chicago home. In Harlem, extra uniformed police patrol the streets, guarding against any new violence.

\$14 Million

Cal Poly Largest Industry In San Luis Obispo Area

Cal Poly in one way or another affects most businesses in the San Luis Obispo area. In fact, the various state projects in this county are the largest source of revenue to the local economy, says Robert Brown, vice president of the San Luis Obispo Chamber of Commerce.

He went on to say that the college, with a student enrollment of nearly 7,000 and an annual payroll of more than \$7.5 million probably accounts for an estimated \$14 million annually and is the largest industry in the area.

Community leaders have at various times given support to the college and in general the cooperation between the college and the city is very good, says Brown. In fact, Howard West, assistant to the President, is a member of the Chamber's Board of Directors. Architectural Engineering instructor R. L. Graves is a member of the San Luis Obispo City Council and Kenneth Schwartz, also of the Arch Dept., is a member of the City Planning Commission. David Thompson of the Biological Sciences Dept. is on the board of the San Luis Obispo School District.

In an effort to determine student spending, in the spring of 1963, the college took a survey of purchases made by 379 students (5 per cent of the total student body.) The survey was so organized that the selected students reflected the general composition of the student body, ie, approximately the same ratio of men to women, of single to married students, between class membership and department majors.

The survey covered ten major types of purchases. It was found that 49.5 per cent of the students live off-campus and pay an average

rent of \$68.20 a month, 8 per cent living off-campus spent less than \$25 a month while 4 per cent spent over \$100 a month. It was also shown that 49 per cent of those living off-campus paid rent between \$75-\$100 a month.

When asked if they had purchased a car since coming to San Luis Obispo County, 31 per cent answered yes.

Of this group, 41 per cent bought a car in San Luis Obispo County. The average price paid for a car was \$1,236. Thirty per cent bought a car costing less than \$500 and 21 per cent paid over \$2,000.

Concerning auto repairs, of those responding 37 per cent spent less than \$5 a month, 22 per cent between \$5-\$10 a month, and 1 per cent over \$30 a month. The average, monthly, was \$6.64.

Oil, gas, tires, and the like cost students an average of \$18.25 a month. The no response on this question and the previous one was 33 per cent to 34 per cent, which probably indicates that that per cent of the student body does not have a car.

It was found that the average student's monthly grocery bill, exclusive of tobacco and alcoholic beverages, was \$29.22. Sixty-one per cent spent less than \$25 while 4 per cent spent over \$100 a month on such items. With regards to only tobacco and alcoholic beverage purchases, \$2.50 a month was the average, 49 per cent spent less than \$5 a month and 5 per cent over \$20 a month.

Dealing with purchases on an irregular basis, it was found that students spend on the average of \$16.85 a year for such professional services as dental medical, legal, and hospital help. This does not include the campus health center.

An average of \$48.02 a year was spent by a student on laundry, haircuts, shoe repair and such non-professional services. \$102.75 was the average amount spent on clothing each year. Appliances and furnishings averaged out to \$32.54 a year.

The figures from the 1963 student survey were gotten from Donald McCaleb, public relations coordinator.

Cal Poly also exerts some important indirect influence on San Luis Obispo. Richard Mohler, chairman of the Chamber's Economic Development Committee, stated that the existence of Cal Poly was a plus factor in trying to bring industry to the area. The college has increased the size of the consumer market and as a result the city has a larger business community than many similar cities without a state college nearby.

He went on to say that many companies which employ personnel with a college degree locate in communities with a college because their employees want their children to go to college. Other companies move near a college to be able to get college assistance on projects. One of the reasons the TMC Research, Inc., located in this area, according to Mohler, was to be able to hire Poly students upon graduation.

Bernie Dixon, a motel owner and chairman of the Chamber's Visitors and Convention Bureau, said that between 13 per cent to 20 per cent of his motel's occupancy comes from persons visiting students or having business at the college. A quick check of other motels confirmed this figure. During school events as Homecoming and Poly Royal this per centage is considerably higher.

While the college property is tax free, planning commission member Schwartz stated almost all of the faculty and staff have homes in the area, which helps the tax situation. Also, students living off campus are responsible for the construction of numerous apartment houses, which are taxable. The college's location helped influence the building of the College Square Shopping Center as an adjunct to the downtown area by offering "convenience shopping facilities" to this part of the town.

In general, college and community officials agreed that the city benefited by the presence of the college and that the college brought considerably more money to the local economy than it took out.

George Romer, president of Tau Sigma

Editor: Our by-laws were originally modeled after the national Sigma Tau Fraternity ten years ago. Six years ago Sigma Tau admitted women engineers to membership for the first time. This change was not made known to us because we are not officially affiliated with the national fraternity.

The reason for this is that our engineering curriculum is not accredited by the Council for Professional Development (ECPD). We are pleased that this point (relating to women membership) has been brought to our attention because we wish to follow the national example since affiliation with the national Sigma Tau is our ultimate goal.

George Romer, president of Tau Sigma

More on RILW

Editor: There are many who are non-believers because they have discovered the world is much different from that portrayed by the various churches' teachings accepted in youth. The results range from disappointment to bitterness during the college phase of growing up. The freedom and pleasure talked about by the various churches doesn't seem to exist. Instead there is freedom from

parents and endless new pleasures in doing what may have been frowned upon as a child but is perfectly acceptable for adults. A double standard.

Only much later will many of the students realize something is lacking, making one feel, somehow, incomplete. Some of them may again turn to the church for hope of fulfillment.

Then there are some who have discovered the unique place God has planned for man and can see the results of this plan everywhere they look. This very discovery on the part of John Telford has released him of the burden Father Moore mentioned.

Perhaps if the churches could lead each of us to understand the world and our places in it, instead of mentioning only blind hope and belief, there would be no problem of trying to have sufficient attendance for the various Religious in Life Week lectures.

Arthur L. Baynton

CARSES Ups Fund

A \$500 check has been added to the student loan fund by the California Association of Refrigeration Service Engineers Society (CARSES). This brings the CARSES Loan Fund to \$2,500.

Money from the fund is available to all engineering students with preference being given to Air Conditioning majors.

If interested in this Loan Fund, contact Dean of Women Lorraine Howard for further details and applications.

NASCAR RULE CHANGE

NASCAR president, Bill France, says only volume production engines will be allowed in Grand National Auto Races in 1966. France says the engine assemblies will have to last for about 1,000. He says all races will be run on a claim basis. Any person posting a \$2,000 certified check or cash will be able to buy the engine assembly from any car in the race. Special limitations will be announced when manufacturers introduce new models. France says the limitations are being introduced to hold racing costs to a minimum.

TOP TRACK TEAM

Cal Poly's 1964 track team took third place in the NCAA championships. The Mustangs placed ahead of North Carolina College, Grambling, Central Connecticut State and Central Ohio State.

Horseshoeing, A Dying Art? Not At This Campus

by JESSE ARNOLD

Under a spreading chestnut tree the village smithy stands . . . wrote Longfellow. Cal Poly's smithy stands under a spreading sycamore tree, but like Longfellow's smithy, their brows are "wet with honest sweat."

Mr. Ralph Hoover, former U.S. Army horseshoer during World War II, started Cal Poly's horseshoeing course in 1948 after taking advanced work at Michigan State University in 1947. (Cal Poly and Oregon State remain as the only two colleges in the U.S. offering a full course in horseshoeing.) Poly offers a full-time course

and a short course. The full-time course is held during the Spring, Summer and Fall quarters and for 18 units the student may spend eight hours a day, five days a week learning horseshoeing. A graduate of the long course can do normal and corrective shoeing on any type of horse.

The short course is given during the Winter quarter only, is a two unit course, and meets four hours a week. The short course enables the student to know a good job of shoeing when he sees one, while some students develop enough proficiency to shoe their own horses.

Both courses are popular, as the short course always fills early, and the waiting list for the long course extends into 1967.

The Army no longer teaches horseshoeing and has sent three students to Mr. Hoover. One shows the caisson horses at Arlington National Cemetery and the other two are members of the Special Forces. One of the latter is now in Viet Nam.

Advanced students shoe Poly's horses and outsiders' horses for the cost of materials. A pet food manufacturer in Los Angeles is the supplier of practice material for the beginning students. The hooves of glue factory horses don't all end up in the glue pot as some of them furnish practice hooves for Poly's future horseshoers.

Besides learning the anatomy physiology of the horse's feet, the student learns to keep from getting kicked by the horse. (As one horseshoer said to the owner after getting the worst from an outlaw horse, "I'll shoe this horse, I'll shoe this horse right out of the barn door." And he did.) But Poly students learn to tie the horse's feet to prevent trouble. Some jumpy horses can be controlled by a more modern method; the horse is given a tranquilizer in his feed.

None of the graduates of the long course has trouble finding work. With one horse for every 55 people in California and \$31 million a year being spent on horseshoeing and medicine (in 1964, according to Western Horseman Magazine) the future looks secure for the horseshoer.

The usual price for shoeing a saddle horse is \$10. The price for shoeing a race horse is \$18. Horseshoers who work the tracks can make \$10,000 to \$20,000 a year and even a person shoeing saddle horses can make as much as \$10,000 a year.

Nevertheless, bending over a horse hoof all day is back breaking work. At least one graduate of the course is using his blacksmithing skill in his own business, doing ornamental ironwork.

X-CHANGE SAN JOSE STATE COLLEGE—No exams, grades or courses are the format for SJS's general education experimental program called, "Tutorials in Letters and Sciences," which begins next fall. Tutors have been used in exclusive private colleges where no grades or exams are given. The phenomenon is that a state college can do all this and demolish the "course" tradition, which is usually a college building block. Dr. Mervyn Cadwallader, associate professor of sociology and originator of the SJS tutorials program, said the program could eventually revise the general approach to lower division instruction, if it receives sufficient staffing and meets with general success. There will be a ratio of six tutors to 130 students. About one-third of the entering freshmen in the fall of 1965 will be eligible to volunteer for this program. Spartan Daily

COLLEGE OF SAN MATEO — Cigarettes cannot be sold on campus, despite the protests of 2,000 students. The board of trustees unanimously supported Dr. Julio Bortolazzo's decision when he argued, "Offering cigarettes to our students would be encouraging them to kill themselves. It would be inconsistent for the college to condone the sale of cigarettes at the same time as we are teaching physical fitness and health education in our classrooms and on our playing fields." The San Matean

SAN JOSE STATE—Use of contraceptives by females may be a leading cause of birth deformities, Dr. Charles Porter, assistant professor of biology, discovered. Female use of diaphragms and birth control pills leads to possible production of harmful antibodies, leading to deformities, Dr. Porter claimed. Many authorities refused to comment on the statement. Two gynecologists said the data appeared logical and feasible, while Dr. A. Maynard Guderian, director of the Obstetrics and Gynecology Department at Santa Clara County Hospital, strongly attacked the findings. Dr. Guderian charged that Dr. Porter's theory was, "Not well founded and is based on a number of false premises." He also said that there is "Absolutely no evidence to suggest the increase of incidences of fetal deformities among those who use contraceptives and those who don't." Spartan Daily

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California's Archives In Danger?

SACRAMENTO (AP) — Living records of California's colorful past are in danger of turning to dust. That's the report of California Heritage Preservation Commission, which made a detailed study of the state archives.

Unless something is done, the commission told the legislature in its report, priceless records going back to the birth of the state may rot away like the dust that now covers them.

Stored in a building in Sacramento that isn't completely fireproof, the commission found such things as:

The transcript of a court case of "the people versus Gold Run Ditch and Mining Co.," which includes testimony from such pioneers as James Marshall and Jon Bidwell. Journals of conditions in the Sacramento Valley that go back to the 1830's.

Letters from famous men; offers of rewards for notorious bandits, claims and criminal records.

The Journal of the Constitutional Convention of 1849, when California was between the status of Spanish colony and state of the United States.

she won't? By George, she will! A very persuasive fragrance for men Cologne, After Shave, Talc, Deodorant, Soap Bar, Gift Sets Caryl Richards, New York

Good reading You're looking at the intelligent product of one week's work. (Some might be in your campus library.) They're technical bulletins written by some very talented scientists and engineers at the Jet Propulsion Laboratory. JPL people write over 500 such documents each year. Documents with titles like "Evaporation Effects on Materials in Space," and "Simple Guidance for Deep-Space Booster Vehicles." Pretty heady stuff. But then designing spacecraft to reach the Moon and planets is a pretty head-y assignment. And it takes a lot of bright people to make it happen. Where do these bright people come from? Better colleges and universities around the country. Yours, for example. Why not sign up for an interview with a JPL man? Besides working at the most fascinating job in the world, you'll also have lots of good books to read. JET PROPULSION LABORATORY 4800 Oak Grove Drive, Pasadena, California "An equal opportunity employer." Jet Propulsion Laboratory is operated by the California Institute of Technology for the National Aeronautics and Space Administration. ON CAMPUS INTERVIEWS: February 25, 1965 Contact College Placement Office for Appointment

Campus Capers

By MAURIE LUND

FRIDAY STOMP
The rocking "Regents" will provide the sounds for the stomp after the basketball game with Fresno State Friday night. The stomp, sponsored by the Food Processing Club, will be held at Crandall Gym until 12:30 a.m. The stomp admission price is 75 cents per person.

PRESS ASSOCIATION
"The Amazon—Life Along the River in Peru" is the film to be shown Thursday at the Cal Poly Press Association meeting at 7 p.m. in Graphic Arts 202. The public is invited to attend the showing.

The film follows the Amazon River from its source in the Andes Mountains to the city of Iquitos in Peru. The way of life of the people who live in the mountain and jungle areas along the course of the river are shown in this color film.

Important Poly Royal Press Association plans will be discussed after the film, so all Press Association members are urged to attend.

MUSLIM STUDENTS ASSOC.
Muhammad Abdullah, acting Imam of the Islamic center of San Francisco, will speak on "Teaching the Koran" at the Muslim Students' Association meeting Saturday at 7:30 p.m. in the AC Auditorium.

TRI BETA
Tri Beta, Biological Sciences club, will feature a speaker at the meeting tomorrow at 7:30 p.m. in Sc B-5. Dr. Shirley Spurling, Biological Science instructor, will talk on the growth and economic importance of kelp.

The meeting is open to the public. Refreshments will be served. Announcements concerning the Western regional convention of Tri Beta will be made. The convention is to be held April 10 at Fresno State College.

meeting for learning about the aims, programs and new pledge class plans for this national service sorority. The pledge class will help in the Poly Royal carnival booth, participate in a Camp Ocean Pines work session and will be hosting various school functions.

BUSINESS CLUB
A tour of the Pacific Coast Stock Exchange and other business firms in the Los Angeles area has been scheduled by the Cal Poly Business Club, according to Richard Babcock, club advisor.

The purpose of the trip, Babcock said, is to provide members an opportunity to see first-hand the workday operations of large firms.

Islamic Talk Hosted By Muslim Students

"Teaching the Koran" will be the topic of a talk that will be given on Saturday, Feb. 27 in the AC Auditorium by Muhammad Abdullah, acting Imam of the Islamic Center of San Francisco.

The speech, which is sponsored by the Muslim Students Association, is open to the public. Refreshments will be served.

Abdullah is a noted welfare worker throughout his religion, and helped to establish numerous schools and libraries in the British Crown Colony of the Fiji Islands where he spent 28 years. He is also the founder and editor of the Muslim Herald, an Islamic religious paper.

Cal Poly Plans Special Course In Ag. Chemicals

San Luis Obispo—Approval of plans for development of a special short course on use of agricultural chemicals was given during a meeting of representatives of the chemicals industry, agricultural higher education, and California's Department of Agriculture at California State Polytechnic College, here, Tuesday (February 16).

The 16 persons in attendance unanimously approved an arrangement which will find Cal Poly developing the course and accompanying visual materials, as well as special material for use by those instructing the course, according to Dr. Corwin M. Johnson, who serves as chairman.

Dr. Johnson, head of the Crop Department at the college's campus here, said the material for teachers and salesmen and representatives of agricultural chemicals companies, who will be teaching the basic course, should be ready for use this summer.

"We expect that material for the basic course, intended primarily for members of Future Farmers of

America, I-II, high school agriculture students and other farm-oriented groups, will be ready for use sometime this fall," the Cal Poly administrator continued.

Author of manuals, handbooks, and other materials for both courses will be Gordon L. Van De Venter, a veteran member of the faculty of Dr. Johnson's department who has been instructor for two presentations of a pilot course in chemical safety offered at Cal Poly during recent months.

Visual materials will be prepared by the staff of the college's Audio-Visual Department under the leadership of John A. Heins, chairman of the department which has produced similar materials for some 85 courses during the past 10 years, those attending Tuesday's meeting here were course content, costs and financing, and visual materials.

As outlined, materials for those who will be teaching the basic course will be designed to assist in preparation for instructing the course, with special emphasis on responsibility of the chemicals industry, growers, and other agriculturally-related groups, as far as hazardous chemicals are concerned.

The basic course will emphasize a practical, simplified approach and will emphasize methods for handling chemicals, personal safety, and safety of the community and consumer.

The basic course, planned for a shorter, three to four hour presentation, will be given at widely varied locations and a card certifying that those attending the course have successfully completed their work will be issued as a climax.

Dr. Johnson indicated that financing of production of course materials for the new program would come from funds available through Cal Poly's Instructional Materials Program.

Civil Rights Group Formed

The civil rights movement has caught the interest of numerous students on campus this past week.

Last Thursday night the Civil Rights Action Group (CRAG) was formed at a meeting of 43 students. This Sunday, at 7 p.m. in Sc E 27, the Wesley Foundation is sponsoring the speaking appearance of Jim Garrett, Southern California Director of the Student Non-Violent Coordinating Committee (SNCC).

According to David NeSmith, President of Wesley Foundation and the CRAG, Garrett participated in the 1960 "Freedom Rides" to Mississippi and also has worked for SNCC in the South.

At the Thursday meeting of CRAG there was considerable discussion about the purpose and direction of the group. Several students felt that the group should concentrate on making Cal Poly students aware of the "white scope" of the civil rights "revolution."

Others thought there were many related racial problems locally which should be considered. Officers of the civil rights group in addition to NeSmith are: Mariann Horne and Janie Jordan, vice-president and secretary respectively. Francis D. Ross, English instructor, is the faculty advisor.

One of the first considerations of the group is the necessity of becoming an official campus organization and to gain college recognition. A committee of six students, plus the three officers, was formed to draw up the by-laws.

'Lost' Tickets Will Not Be Honored

Tickets to the Engineering Week banquet on Saturday, February 27, numbered 109 through 148 have been lost and will not be honored at the door, reported Tom Petrich, Engineering Week chairman.

Petrich explained that this step was necessary to protect the interests of the Engineering Council.

The tickets were lost in the vicinity of the Little Theatre or Library.

The banquet, which is scheduled for 6:30 p.m. next Saturday night, will feature speaker Kenneth F. Mudd, executive vice-president for Aerojet General Corp. He will speak concerning "The Engineer and His Responsibility to Society."

Tickets may be obtained from Petrich, Bill Jones, banquet chairman, or any member of Engineering Council.

School Unification Still Heated Issue

California's school districts is clearly one of the most heated local issues in hundreds of communities today and it will continue to rate high interest for years to come.

Progress is being made, but the pace is slow.

From the long-range perspective, reduction of the number of districts appears substantial. In 1950 there were 2,091 school districts operating on the elementary and secondary level in California. Today the total is down to 1,494 (164 are unified, 1,184 elementary and 198 high schools), compared to 1,635 in mid-1963.

To many at the local level who don't want to give up their small districts, the trend is going much too fast; but to those on the state level who are interested in getting more efficient school operations and more quality for the money, it is painfully slow.

To achieve the intent of the Legislature when it passed the Unruh reorganization reform bill last year, another 1,134 districts will have to be eliminated, thus bringing the total districts in the state to about 360. This, of course, means that a great deal more radical surgery at the local school district level still lies ahead.

To encourage the change, Assembly Speaker Jesse Unruh is disseminating the results of a recent survey directed by Napa County Schools Superintendent Perry C. Holiday. It offers overwhelming testimony that school district unification results in more and better education per tax dollar expended.

Administrators in recently unified districts reported that under unification previously unequal educational opportunities had been equalized, a climate was established to attract and hold able teachers and greater coordination

between different school levels had been achieved.

Meanwhile, the battle at the local level continues with 69 unification elections now pending. It is in the grassroots voting booth where the final results must be decided because no reorganization plan can become reality without voter approval.

Student Designs Engine With 5 Moving Parts

What develops 25 horsepower, displaces 10 1/2 cubic inches, measures 12 x 12 x 8 inches, and costs only \$20.

Residents of the third floor of Sequoia Hall know this describes a rotary engine, the senior project of John Gotthold, 21 year old Mechanical Engineering major from Ben Lomond, California.

John, a junior who is getting a head start on his project, describes it as "a four interacting ellipse rotary engine supercharged and fed by a rotary slide valve. Four independent drive shafts are mounted in a square formation, and held coherent by a gear on each drive shaft and a center gear. On each drive shaft is a 5 inch right ellipse with extending, retracting tips."

But for the less technically minded individual, it simply means that there are only five moving parts in a compact size equal to a two volume dictionary.

John began working on his engine in September of 1964, and has run into no problems. According to John, "all parts are entirely constructed in the Cal Poly machine shop and Mechanical Engineering lab."

The total cost so far has been \$20, but the cost in time has been an expensive 240 hours. He plans to complete the engine by Poly Royal.

Eventually, says John, if the engine works, he would like to use it as the power plant for racing cars. He explained that the engine will develop as much or more horsepower as the engines now used in cars, but will take up only a fraction of the space.

As for his plans for the immedi-

ate future, John plans to go into the Army for two years after graduating from college, and then to follow his desire to go to Australia and get married.

Dismissing John said he believes that "the duty of the college student is to do more than just work the problems given him, but also to think for himself. The unique opportunities of Cal Poly's 'learn by doing' philosophy enables the undergraduate to directly apply his knowledge."

HANDBALL KING

Oscar Obert of New York City claimed the United States Handball championships in 1962. The defending champion defeated Johnny Sloan 21-10 and 21-19.

Little Report Recommends Strong State School Superintendent

(Editor's Note: This is one phase on the results of a \$50,000 study by Arthur D. Little, Inc., management consultants, on education leadership in California. Requested by the State Board of Education and already the center of controversy, the report is expected to result in a series of new studies on how California's education efforts can be improved. Some observers have called it the beginning of the first master plan for elementary and secondary education in California.)

"We strongly endorse the frequently offered recommendation that the state take steps to make the State Superintendent of Public Instruction the executive agent of the State Board of Education."

This quotation is from the Arthur D. Little, Inc. Report on its survey of the State Department of Education to determine how it might best be reorganized to provide more effective leadership.

In making this recommendation, perhaps the most strongly worded in the entire report, the Little experts touched upon a politically delicate and emotionally explosive situation which has disturbed legislators and educators alike for years, but which has defied solution so far.

"The present arrangements for the selection of the state board, the Superintendent of Public Instruction, and the key administrators within the State Department of Education permit situations to arise wherein state leadership has no clear focus, form or direction," the report declared.

Involved are these facts: The State Superintendent is a constitutional officer, elected by the people of the state and thus ultimately responsible only to them.

As superintendent he serves as head of the State Department of Education, but also as executive officer of the State Board of Education, members of which are appointed by the governor and therefore theoretically responsible to him, not directly to the people.

The character of the state board has changed almost completely. It is now manned by aggressive appointees who want not only to update the school system, but to equip it for challenges which lie in the future.

If the incumbent state superintendent were satisfied to subordinate himself to the board, there would still be little trouble, but Dr. Max Rafferty does not see himself in that role.

Relatively young and equally as aggressive as the state board, he too is concerned with the school system's ability to function effectively in an era of change and challenge. On many points he and the

board find themselves in complete agreement; on others—and too often for the good of the schools, in the opinion of many educators—board and superintendent wind up at loggerheads, neither side able to impose its will on the other, and leadership momentarily nonexistent.

Solutions to the impasse have been suggested: an elected board with an appointed superintendent, both board and superintendent appointed, or an appointed board with the power to hire a superintendent. Rafferty has said he favors an appointed superintendent, and an elected board.

When the latter two are proposed, an immediate cry goes up that "they" are trying to wrest control of the schools away from the people." The superintendent is pointed out as the last direct link at the state level between education and the voters.

A new attempt at solving the impasse is to be made in the 1965 session of the Legislature by the California Teachers Association (C.T.A.). The 138,000-member teachers organization proposes that board members be appointed for 10-year terms to remove them from gubernatorial control and that the board have power to appoint and contract with the superintendent for 4-year terms. The governor's appointment of board members would be subject to senate approval.

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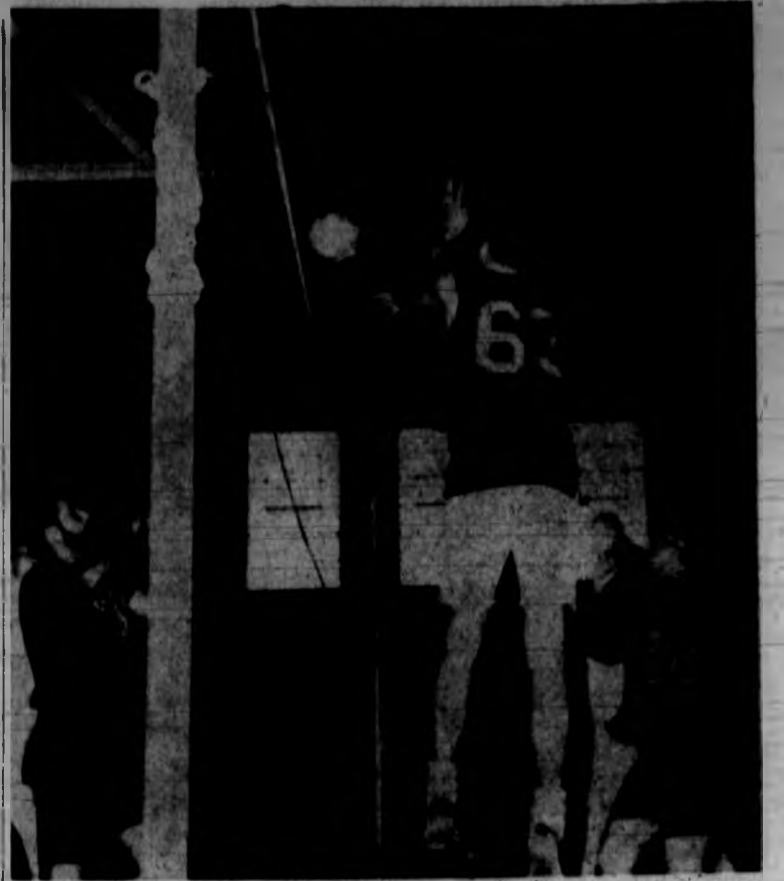
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Sunday's proposed freshman-sophomore volleyball game fell through due to a lack of freshmen, but the 14 sophomores and 4 freshmen played volleyball all afternoon anyway. Officially the freshmen forfeited the game. According to John Dado, sophomores president the sophomores are willing to challenge any campus club to weekend volleyball games.

Poly Modern Dance Club Has Few, Active Members

If the campus organization with the fewest members were to receive an award, the Cal Poly Modern Dance Club would be in line for such recognition.

Boasting 11 members, it was organized in 1963 by its present advisor Mrs. Joan Schlaich. The club's primary purpose is to provide students with an outlet for aesthetic expression, according to Mrs. Schlaich.

Each quarter, the club sponsors a modern dance program in the Little Theatre. Participants involved are members of the Modern Dance Club.

Miss Elaine Begley, president of the club commented, "Our club is open to anyone interested in modern dance and who can meet the requirements for membership."

A prospective member is required to attend a meeting where

he picks a piece of paper from a hat. On this slip is a one or two word clue concerning a certain theme. The aspirant then has ten minutes in which to develop a dance sketch. After the dancer has performed her composition, the responsibility rests on the active members of the club who then vote on the acceptance of the would-be club member.

Prerequisites for entry into the Modern Dance Club are an ability to perform the basic modern dance steps and display of skill in expressions through body movements.

Membership is not solely restricted to women. "An Ideal Modern Dance Club would consist of 80 members, five of whom are men," states Miss Begley. "We need nine more people, men included."

Top Cutting Horses Meet On Campus This Weekend

Horsemen from throughout California and the Pacific Coast area are expected to converge on San Luis Obispo this Saturday and Sunday to take part in an open cutting horse show scheduled for Collet Arena on campus.

The event, sponsored by Cal Poly's Cutting and Reining Horse Club, will begin at 10 a.m. each day. Admission will be free.

Those competing in the show's open division are members of the Pacific Coast Cutting Horse Association and will be competing for prize money totaling \$200.00 (\$100 each day). Entries include many of the coast's top cutting horses.

Also scheduled during the event is a novice division competition. To accommodate those who do not wish to leave the arena for lunch, a \$2 per plate barbecued chicken dinner will be served on the arena grounds at noon on Saturday.



BASEBALL SLIDING IN . . . Baseball season gets under way Friday with an afternoon clash against Santa Barbara. The starting line-up for Friday's tilt will find Steve Fox pitching and Dave Titsworth catching. Al Molina, John Garcia and

George Montgomery will hold down the outfield berths. Terry Ward will be at first and Jim Ramos will play shortstop. Second and third will be handled by Doug Heimert and Jim Blanks.

Long Beach Cagers Defeat Cal Poly 98-84, Saturday

Bob Gravett's 25 points weren't enough as Cal State at Long Beach converted 34 free throws to whip the Mustangs 98-84 in a home game Saturday.

The 49er's scored 58 points in the first half, a record for them, to give them a 15 point lead at half-time.

In the second half the Mustangs fought to within three-points of Long Beach but the tough 49er front line took control of the rebounds and Cal Poly gradually fell back.

Gravett was the top Mustang

scorer and rebounder and coach Tom Lee remarked that "Gravett played real well."

Besides scoring 25 points and pulling down 11 rebounds, the Mustang forward helped hold vaulted John Rambo to 17 points and hit on 10 field goals out of 14 attempts.

Top man for the Long Beach squad was John Harnicoat with 27 markers. The all-Eastern Conference forward from Riverside Junior College hit 13 of 19 free throws and six field goals.

Other top scorers for the Mustangs

were Norm Angell and Ernie Bray with 15 points and Cameron Deigo with 10 markers.

In a preliminary game the Cal Poly freshmen dispused off Basco Distributing Company 90-71.

The Colts were led by sensational Mike Laroche with 30 points and Todd Crabtree with 27.

The Basco team was behind 40-38 at halftime and fell further behind as the pressing freshmen took advantage of passing errors.

Grapplers Crush Valley 38 To 0

"You have the best team in California and the top coach too," said Adrian Adams, the San Fernando Valley coach, as his team headed for the showers after a 38-0 loss to Cal Poly's grapplers, Saturday in the Men's Gym.

Adams had nothing but praise for the champion Mustangs as his charges suffered four pins in five matches. (The other three matches were forfeited to Cal Poly.)

Mike Reiner won the first match by forfeit.

The Matador's Al Nett battled Lemu Cowell in the second match.

The Valley wrestler barely got his sweatshirt off before Cowell pinned him. The Mustang grappler toppled Nett in 22 seconds to give Cal Poly a 10-0 lead.

The featured match of the meet found once defeated Mustang Mike

Ruiz battling once defeated John Owens. Owens had compiled a record of 16 wins and one loss, and had recorded 14 wins by pins.

Ruiz struggled to a 2-0 first period lead, but Owens reversed him to tie the score midway in the second period. An escape and a bad move by Owens (it almost enabled Ruiz to pin him with eight seconds remaining), gave the Mustang a hard earned 0-2 victory.

Mustang Jim Teem built up a 1-1 lead before he forced Dick Barnes' shoulders to the mat with one-minute left in the second period.

The pin extended Teem's dual meet record to 15 wins without a loss.

The Valley team forfeited the 157 and 167 classes.

The 177 pound match found Sam Cereceres wrestling Rod Barber. Cereceres, who usually wrestles at 167 pounds, scored a quick take-down on the Matador, but injured his ribs. Quick medical treatment, in the form of a support, enabled the San Bernardino grappler to continue.

Cereceres moved quickly, pinning his man with 1:55 left in the second period.

The victory closed Cereceres' dual meet record at 13 wins, no losses and two ties.

Phil Sullivan, weighing 177 pounds wrestled 245 pound Nick Howard in a true David and Goliath heavyweight battle.

The mighty Sullivan pinned the 60 pound heavier Howard to the mat in the second period, to leave his dual meet season record at 15 wins and one defeat.

Gym Team Defeats Aztecs, Gauchos

Gary Schofield led the Cal Poly gymnastic team to a 72 to 47 victory over the University of Santa Barbara and a close 61 to 50 win over San Diego State last weekend.

The lone loss for the Mustangs this weekend was a 65 to 64 beating by Cal State Long Beach.

Schofield piked up all-around honors in both the Santa Barbara and San Diego meets while placing second to Long Beach's Gury Galbreath.

The win over San Diego was considered to be a team effort as the meet was won by piking up 11 points in the rings, which is the final event.

The Mustangs are now preparing for the CCAA championships which will be held this Saturday in the Men's Gym.

Entered in the championships will be the powerful San Fernando Valley squad, the San Diego Aztecs, Cal State at Long Beach and Cal State at Los Angeles.

The nationally ranked Matadors from San Fernando Valley are favored to capture the title. They are undefeated this year and host of Rusty Rank and John Gardner, both top ranked performers in the all-around event and especially in the trampoline, high bar, rings and parallel bars.

Hancock Junior College held off a last second rally to down the freshmen basketball squad 47-65 last Friday night in the Men's Gym.

Purdell's squad was led by high scoring Mike Laroche with 19 markers. The six-foot three-inch cager hit on seven of his fourteen shots and elicited on five free throws.

Randy Laur backed up Laroche's performance with eight field goals and one free throw for 17 points.

The Bulldogs were led by their center Mengard. Mengard managed 19 points, including seven for eight at the charity line.



TOP TEAM . . . Jim Teem proved why he is one of the top wrestlers on the Pacific Coast this year by winning 15 dual meet victories without a loss. In his last collegiate match last Saturday, Teem pinned his opponent in the second period. The 22 year-old senior is one reason why the wrestling team is ranked number two nationally and finished the season with 11 wins against one defeat. Teem is defending conference champion and was named the outstanding wrestler at the Arizona State pinning his opponent in the second period. (photo by Beall)

Cold Shooting Hoopsters Fall To San Diego State

Forty-seven seemed to be an unlucky number for the Cal Poly basketball team as it lost to San Diego State's Aztecs 83-65 last Friday night in the Men's Gym.

With nine minutes remaining in the second half the scoreboard read 66-47. Five minutes later the score was 77-47 and the Mustangs were hopelessly behind.

Besides going five minutes without a point the Green and Gold squad went over nine minutes without a field goal and went 12 minutes before Hob Everett scored a second basket.

In the span of time from 14:40 till 4:34 the Mustangs had scored six points while the San Diego team managed 28 markers.

The cold-shooting Mustang team had Bob Gravett and Curt Parry leading in scoring with 10 points apiece.

Following closely in the scoring department was Ernie Bray with nine.

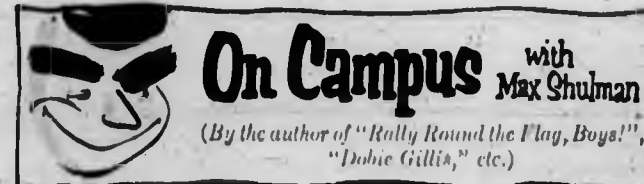
The Mustangs shot 31.4 per cent from the floor and 70 per cent from the free throw line.

The Aztecs were hitting on 40 per cent of their field goals and 71.4 per cent of their free shots.

The Mustangs were out-

bounded, 35 to 46, out shot 85 attempts to 70 and out fouled 23 to 18.

The Aztecs were led by Jim (Bones) Howers from Helix High School and Chaffey Junior College. The senior guard hit 18 points and turned the game into a rout with his fast breaks during the second half.



THE BEARD OF AVON

Topic for today is that perennial favorite of English majors, that ever-popular crowd pleaser, that good sport and great American—William Shakespeare (or "The Swedish Nightingale" as he is better known as).

First let us examine the persistent theory that Shakespeare (or "The Pearl of the Pacific" as he is jocularly called) is not the real author of his plays. Advocates of this theory insist the plays are so full of classical allusions and learned references that they couldn't possibly have been written by the son of an illiterate country butler.

To which I reply "Fudge! Was not the great Spinoza's father a humble woodcutter? Was not the immortal Isaac Newton's father a simple second baseman? (The elder Newton, incidentally, is one of history's truly pathetic figures. He was, by all accounts, the greatest second baseman of his time, but baseball, alas, had not yet been invented. It used to break young Isaac's heart to see his father get up every morning, put on uniform, spikes, glove, and cap, and stand alertly behind second base, bent forward, eyes narrowed, waiting, waiting, waiting. That's all—waiting, Isaac loyally sat in the bleachers and yelled "Good show, Dad!" and stuff like that, but everyone else in town engendered derisively, made coarse gestures, and pelted the Newtons with overripe fruit—figs for the elder Newton, apples for the younger. Thus, as we all know, the famous moment came when Isaac Newton, struck in the head with an apple, leapt to his feet, shouted "Europa!" and announced the third law of motion: "For every action there is an opposite and equal reaction!")



—Figs for the elder Newton, apples for the younger.

(How profoundly true these simple words are! Take, for example, Persona Stainless Steel Razor Blades. Shave with a Persona. That's the action. Now what is the reaction? Pleasure, delight, contentment, cheer, and facial felicity. Why such a happy reaction? Because you have started with the sharpest, most durable blade ever honed—a blade that gives you more shaves, closer shaves, comfortable shaves than any other brand on the market. If, by chance, you don't agree, simply return your unused Personnas to the manufacturer and he will send you absolutely free a package of Beep-Beep or any other blade you think is better.)

But I digress. Back to Shakespeare (or "The Gem of the Ocean" as he was rhythmically appeltated).

Shakespeare's most important play is, of course, *Hamlet* (or, as it is frequently called, *Machelt*). This play tells in living color the story of Hamlet, Prince of Denmark, who one night sees a ghost upon the battlements. (Possibly it is a *good* he sees; I have a first folio that is frankly not too legible.) Anyhow, Hamlet is so upset by seeing this ghost (or goat) that he stabs Polonius and Brer Bodkin. He is thereupon banished to a leather factory by the king, who hollows "Get thee to a tannery!" Thereupon Ophelia refuses her food until Laertes shouts, "Get thee to a beanery!" Ophelia is so cross that she chases her little dog out of the room, crying, "Out, damned Spot!" She is fined fifty shillings for cussing, but Portia, in an eloquent plea, gets the sentence commuted to life imprisonment. Thereupon King Lear and Queen Mab proclaim a festival—complete with kissing games and a pin-eating contest. Everybody has a perfectly splendid time until Banquo's ghost (or goat) shows up. This so unnerves Richard III that he drowns his cousin, Butt Malinscy. This leads to a lively discussion, during which everyone is killed. The little dog Spot returns to utter the immortal curtain lines:

Our hero now has croaked,
And so's our prima donna,
But be of cheer, my friends,
You'll always have Personna.

You and verily. And when next thou buyest Personna! buyest also some new Burnin Shave regular or menthol, which worketh rings around any other fether. Get thee to a pharmacy!

Seattle Rocked With Basketball Fixing

EDITOR'S NOTE:

L. J. Wheeler was a member of the Santa Ana High School and Junior college teams from 1959 until 1962.

He was a big center weighing around 250 pounds and standing 6 feet 8 inches.

When our team (Chaffey College) went to play the Santa Ana squad we heard several stories about the huge center.

Wheeler was a good player and made all-Eastern Conference honors for his team.

After his eligibility was over at Santa Ana Junior College Wheeler followed his coach to Seattle. The following story is a result of his stay in Seattle. The Seattle University basketball team has been crippled by a bribery scandal. Two players are under arrest and they and another

have been expelled from school. They are captain and high scorer Charlie Williams of Colorado Springs, Colorado; Peller Phillips of Detroit, and L. J. Wheeler of Santa Ana. Williams and Peller are 21 years old. Wheeler is 23.

Williams and Peller were arrested by the FBI recently and charged with bribery and conspiring to affect the outcome of a game in Seattle, an 18-point favorite, beat Idaho by 17 points, 80 to 72.

A former teammate of Phillip's at Coalonga Junior College, 23-year-old Lee Casale of Chicago, was arrested in connection with the case in Chicago. Casale was arraigned in Chicago before U.S. Commissioner Bentley Pike. The Commissioner continued the hearing until Feb. 23 to await arrival of papers and set Casale's bond at \$25,000.

Pike said, "If this was not a newspaper case I would release the man on his own recognizance. This puts this in a class with a bank robbery involving violence."

The assistant to the Seattle University president, the Rev. Timothy Cronin, said Wheeler, a reserve, was expelled because he "knew of the conspiracy but failed to report it."

Williams and Phillips were released on their own recognizance after being arraigned before US Commissioner Walter Roschurz.

The Seattle Times quotes Father Cronin as saying Phillip told him the bribery incident was a favor to a friend for which he received \$130.



CHAMPIONSHIP STYLE . . . The CCAA gymnastic championships will be held in the Cal Poly Men's Gym Saturday. The top team in southern California, San Fernando Valley, is favored to repeat as champions. They have several top performers (above) and should take the high bar and the rings. Tickets are on sale at the ASI office.

Conference Gym Finals Planned For Saturday

Several of the finest college gymnasts in the United States will be performing in the Cal Poly Men's Gym Saturday night, as the Mustangs host the California Collegiate Athletic Association championship meet.

San Fernando Valley State, considered the finest college team in Southern California, will be favorites to win the league title, which they have won for the past two years.

Dan Garcia of California State College at Los Angeles is presently number one in the nation on the parallel bars and number six in the free exercise. Teammate Bill Nash, who had just finished fifth in the sole horse event at the NCAA finals, will compete too.

Top performers for the Mustangs will be Clayton Christian and Gary Schofield. Christian, in the trampoline event, finished third last year in the CCAA meet and fourth at the state meet. Last week in competition against San Jose State, Schofield scored an 8.9 in his free air routine, (9.3 is tops in the nation this year).

Tickets for the 7 p.m. meet are \$1 for adults and 50 cents for students and may be purchased from the Cal Poly Associated Student Body office, or from any member of the Mustang Gymnastic Team and "Block J" Society.

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