

El Estudiante Mustang

CALIFORNIA STATE POLYTECHNIC COLLEGE

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SAN LUIS OBISPO, CALIFORNIA

Saturday, April 29, 1961

Unique Exhibits Featured In Printing Display

Ever wonder what situation the world would be in if we didn't have the printed word? There would be no books to learn by, no newspapers or printed matter.

This is why it should be a must to visit the Cal Poly Printing Department, the only department of its kind west of Chicago, Ill. Students graduating from the Printing Department are granted a Bachelor of Science degree in Printing Engineering.

The Printing Department gives its graduates an all round background in all phases of printing, stressing advanced knowledge in letterpress and offset work, and in business management and administration.

Visitors will be given guided tours by students in the department which is located in the basement of the administration building, viewing displays consisting of each printing procedure taught in the department.

Guided tours will allow visitors to watch the operation of line casting machines (linotypes, intertypes and ludlows). Also on display will be the new innovation in the printing trade—the Fotosetter. This machine is similar to the linotype with one difference, it takes a picture of the cast line instead of releasing a metal slug. This machine was donated to the Cal Poly Printing Department by the Intertype Corporation and is the only gift of this kind to a printing school.

In the letterpress area visitors will see the Miehle, Heidelberg and Kelly presses in operation and the offset department will have two presses running.

Displaying products and processes of their organization will be five outstanding printing firms: Intertype Corp., Ludlow Typographic Co., Morgenthaler Linotype Co., Griffin Brothers, Schmidt Lithography Co., and Stecher Traug Lithography.

On Saturday evening the Printing Department members and alumni will be present at the Annual Printing Banquet at the Breakers, Morro Bay. Guest speaker will be Roy Simpson, state director of education, and special guest, State Senator Vernon Sturgeon. Representing the College will be Vice-President Robert Kennedy and his wife.

Results

Math Contest

Chris Turner of Upland High School was high individual in the annual mathematics contest held yesterday. Bob Mensies of Long Beach Poly was second and Charles Brenner of Palo Alto High, third.

Long Beach Poly and Palo Alto tied for high team honors.

Seventy high schools and 183 individuals participated in the written test.

Ornamental Horticulture

First place winner in student exhibit and best theme are Kenneth Gerlack Stockton; Kenneth Glemeyer, Santa Rosa; Mike Bodger, Lompoc.

Beard Growing Contest

Longest beard—Don Stelp, Inglewood; bushiest—Al Dennis, Los Angeles; most artistic—Jerr Anderson, Sacramento; and stikiliest—Warren Jones, Los Angeles.



SHAKE HANDS WITH ROYALTY... Pictured meeting Poly Royal Queen Anne Miller is Roy E. Simpson, state director of education. Looking on left to right are: Mrs. Simpson, Mrs. McPhee, Simpson, Dean C. O. McCorkle, Dean of the College, Kellogg-Voorhis at Pomona, Queen Anne and Princess Patey Rodriguez. The get together took place at the living quarters of the Math & Home Economics Building at a reception for the Queen and her court. (Taylor Photo)

Livestock, Dairy Show Under Way

Poly Royal activities began before sunrise this morning for 165 Cal Poly students as they applied the finishing touches to grooming animals for the annual livestock and dairy showmanship contests.

Beginning at 8:30 a.m. in the Dairy Pavilion, 29 students will lead entries into the ring for the dairy showmanship contest. Three breeds will be represented in the event — Holstein, Guernsey and Jersey—which is to be judged by George Blosser of Curtiss Breeders, Inc.

Judy Carter, alternate California Dairy Princess from Selma, will present the awards to the contest winners.

On the track and athletic field at 9 a.m. 110 students will be competing for awards in the livestock showmanship contests. In the sheep competition, 50 men and women will be parading carefully groomed animals before judge William Schofield, a 1960 Cal Poly animal husbandry graduate from San Luis Obispo.

At the same time, 50 entrants in the beef showmanship event will be looking for the winning nod from judge Norman K. Dunn, Cal Poly animal husbandry instructor on the Kellogg campus at Pomona.

Simultaneously, Jim O'Connell from O'Connell Brothers ranches at Gilroy will be selecting the winners from a field of 20 entrants in the horse showmanship. Out at the college swine unit, 25 collegiate showmen will be guiding hogs around the ring for judge Bates Bowers, a former Cal Poly animal husbandry graduate who is now manager of the Kings County fair at Hanford.

The showmanship contests will climax weeks of work by the students in fitting and grooming animals.

INGVAR TRIUMPHS

Cal Poly's Ingvar Hallstenson garnered 15 points to lead the varsity track team to a 75-55 win over Vandenberg Air Force Base Thursday afternoon.

Hallstenson, a printing major from Iceland, won the javelin event, took second in both the high and low hurdles and third place in both the shot put and discus.

The Mustang track squad is performing in the Southland today at the Mount San Antonio Relays with several other college teams.



POLY WINS AGAIN... Pictured with his winning project a single-cylinder test engine is Mechanical Engineering senior Bill Castenholz. Bill was the recipient of the Mac Short Award presented to the student who contributed most to engineering this year. (Taylor Photo)

Special Guests Attending Departmental Banquets

Guest speakers and honored guests on hand for tonight's various banquets include important personalities from throughout the state. Six banquets are scheduled for tonight, the first beginning at 6 o'clock. Dr. Richard Kirsch a 1951 Cal Poly graduate and current field agronomist for California

HONORED VISITORS

Guest of Cal Poly President Julian A. McPhee today is Louis H. Heilbron, president of the State Board of Education, representing the State College Trustees.

Charles A. Paul, state director of agriculture, is another campus guest today. He is being hosted by Vard Shepard, dean of agriculture, and his staff.

Other campus guests are Roy E. Simpson, superintendent of public instruction and State Senator Vernon Sturgeon.

agronomist for the California Chemical Co. of Fresno, will speak at the Annual Soils Club dinner in the Anderson hotel. His topic "Opportunities for Graduate Work in Soil Science" will be directed to all graduates and undergraduates interested in the field of soils and the allied sciences.

Kimms Hendrick, West Coast news bureau chief for Christian Science Monitor, will speak before approximately 200 journalism students, alumni and guests at the Technical Journalism banquet. The banquet will begin at 6 p.m. in the staff dining hall of the new cafeteria.

Printing students, Engineering Division, and guests will hear Dr. Roy E. Simpson, state director of education, speak at their 6:30 p.m. dinner held at The Breakers in Morro Bay. Simpson was the honored guest at the 1958 Poly Royal.

More than 700 students and alumni of the Architectural Engineering Department will hear a talk by M. Justin Herman, executive director of the San Francisco Redevelopment Agency. The dinner is scheduled for 7:30 p.m. in the Veteran's Memorial Building. Herman is recent recipient of an award by the California Council, American Institute of Architects, for his role in encouraging architectural excellence in the urban renewal planning of San Francisco's Western Addition and Golden Gateway.

C. O. McCorkle, dean of the Kellogg-Voorhis campus, is this year's honored Poly Royal guest and will speak before the gathered Poly Royal Pioneers at dinner in the dining hall of the new cafeteria. More than 50 "pioneers" and their spouses are expected to attend this 7:30 affair.

Speaking before the Junior Class at the Motel Inn at 7:30 p.m. will be Dr. Norman Gould, Cal Poly's class instructor in Family Relations. He will begin his talk "Let's Talk About You."

State Senator Vernon L. Sturgeon, a member of the Senate Agriculture Committee and representing San Luis Obispo county, and Mrs. Sturgeon will be special guests at the Printing banquet.

ME Student Wins Mac Short Award

Cal Poly once more gained recognition in engineering circles as Bill Castenholz, senior Mechanical Engineer, won the Mac Short Memorial award.

The award is presented to the Southern California student who contributes most to engineering during the year, and is in memory of Mac Short, vice-president of the Lockheed Aircraft Corp., designer of the P2V Neptune aircraft. The event is sponsored by the Society of Automotive Engineers.

Castenholz won the award over other students from Cal Poly at Pomona and Northrup Institute of Technology.

The students were required to submit a project and a paper on the development. They were examined by a board of 30 professional engineers and gave a ten-minute talk on the project.

Castenholz' winning project was a single-cylinder test engine which can be used for testing various engine components.

He won the Cal Poly elimination over fellow students Bob Fuller and Ron Garcia. He will receive the award at the Los Angeles SAE chapter meeting May 8 when he will be given the award, a certificate and a pen set.

Cal Poly students have now won the award eight years out of 11 and have a winning streak of five in a row. Last year's winner was Elliot D. Brown.

CCAA Conference Held On Campus This Weekend

Athletic directors, faculty athletic representatives and coaches from Fresno State College, Los Angeles State, San Joaquin State, University of California, Santa Barbara, San Diego State and Long Beach State will attend the annual meeting of the California Collegiate Athletic Association to be held at Cal Poly this weekend.

will visit under auspices of the American Association of Physics Teachers and the American Institute of Physics as part of a broad, nation wide program to stimulate interest in physics. The program is now in its fourth year and is supported by the National Science Foundation.

Lectures, informal discussions, assistance to faculty members concerning curriculum and research Technology. From 1955 to 1956 no problems in physics, and talks with

students are invited to join with the Physical Science Department in attending the planned series of lectures. Dr. Crofts will speak on the following topics at the time and place indicated:

Monday, May 8, 10 a.m. in Sci-E-28, "Controlled Thermonuclear Energy." Monday, May 8, 5 p.m. in Sci-E-28, "Relativity."

On Tuesday May 9, 11 a.m. in Sci-E-28, "Fundamental Particles of Matter." Tuesday, 6 p.m., a dinner meeting in the Staff Dining Room to be followed at 7 p.m. with a talk on "Models of the Nucleus."

way when Congress approves a wage minimum wage law that would raise 8.6 million new workers under the Wage and Hour Law for the first time.

HAVANA—Premier Fidel Castro's government has capped its defeat of the Cuban invasion two weeks ago by announcing the capture of Manuel Artima, top civilian leader to the exile expeditionary force.

CAPE CANAVERAL—United States space scientists who set their sights towards a man-in-space attempt early this week are anticipating a delay due to foul weather today.

REBEL FORCES—Rebel Laotian forces ignored cease-fire appeals by their own leaders and launched heavy new attacks in Southern Laos, Communist units broke a local cease-fire north of Vientiane earlier.



A LOTTA' BULL . . . That's exactly what this big Brahman is trying to prove as he takes to the air with one of the local cowboys at yesterday's rodeo. Many more thrills—and spills—such as this will be seen at the National Intercollegiate Rodeo Association rodeo held at the college's Bud Collet Arena starting at 1 p.m. today. (Photo by Knowles)

Test Pilot Speaker At IAS Banquet

Scott Crossfield, former X-15 project test pilot and now director of space and missile systems testing in the Space and Information Systems Division of North American Aviation, will be the guest speaker at the Institute of Aerospace Sciences (IAS) awards banquet in Los Angeles, May 12.

The banquet is being held in connection with the 11th annual West Coast IAS Student Conference.

According to George C. Garrels, Cal Poly's IAS chairman, the conference will be held in the Institute of Aerospace Sciences Building, 7600 Beverly Blvd. He urges as many members as possible to attend. Other than the free banquet, there will be presentations of student papers and a field trip.

Sabbatical Leaves For 15 Instructors

Eight sabbatical leaves and seven without pay have been approved by the Director of Education of San Luis Obispo and Kellogg Voorhis campuses, for 1961-62. Approved leaves on the Cal Poly campus include Robert Anreini, John Healey, George R. Mach, David H. Montgomery, Glenn A. Noble and Frank Young, all members of the Arts and Sciences Division.

Granted leaves from the Agriculture Division are: Howard C. Brown, William R. Troutner and Vard M. Shepard, Dean of Agriculture.

R. Wallace Reynolds, is the only member of the Engineering Department taking leave. Dan Lawson, Dean of Activities, is also taking a sabbatical leave.

The basic purpose of Cal Poly is to prepare young men and women for managerial, technical, and teaching occupations by training the hands as well as the head—by adding "know-how" to "know-why."

Construction Begins; 1-Way Street Closed

Construction work on the new library annex will necessitate the closing of the one-way street behind the Dexter Memorial Library for an indefinite period, beginning May 1, college officials announced today.

Students are urged to keep automobile traffic in the area of the library at a minimum and even avoid using the street front of the building whenever possible.

Engineering Building West construction in front of the library may result in slowing down of traffic or stopping it while equipment is being moved.

'Real Cool' Exhibit Featured By AC

A walk-in refrigeration box maintaining Fahrenheit temperatures at 80 degrees below zero is one of the systems visitors to the Air Conditioning Engineering Department will see.

Other display systems include a refrigeration system with glass tube piping used to steady oil migration; an ammonia, two-stage system operating at -40 degrees F; and an evaporative condenser with glass sections for viewing the operations going on inside.

All instruments used during experiments and tests also will be on display. A sound wave analysis with the use of an oscilloscope is also being featured along with a display which received a great deal of attention at the recent western air show in Los Angeles.

Cal Poly originally opened in 1901 as a state vocational high school and was the forerunner in California of vocational education in agriculture and industry.

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Mercy Bowl Set For Thanksgiving Day

Football teams representing the California Collegiate Athletic Association and the Mid-American Conference will participate in the Mercy Bowl football classic to be held Thanksgiving Day.

The game to be held in the Los Angeles Memorial Coliseum will benefit the Cal Poly Memorial Fund which has been established to help alleviate the financial emergencies of the dependents of the students who were fatalities or injured in the air crash in Toledo, Ohio, last October.

Likely CCAA participants in the Mercy Bowl is Fresno State, champion last year and reportedly strong this coming season. Bowling Green University, the team Cal Poly faced the afternoon before the crash, could be a representative of the Mid-American Conference. Other colleges in the Midwest league are Ohio University, Miami of Ohio, Kent State, Western Michigan, Marshall and Toledo.

Besides support of the press and radio in the nation, the Mercy Bowl has received early backing from individuals and organizations. The Jedinov Athletic Club in the Los Angeles area presented a check for more than \$2,000 in support of the game and fund. The check was presented to Roy Hughes, Cal Poly football coach and athletic director, following a banquet of the organization which was attended by 700 persons.

Orin "Babe" Hollingbery, Washington State College's football coach for 17 years and now a prominent businessman in Yakima, Wash., gave a substantial donation to support the Mercy Bowl.

Crops Display Expansion Plans

A contrast between the past and the present sets the stage for the Crops Department exhibit.

Indoor exhibits are located in the Erhart Agricultural Building while displays and demonstrations of the crops machinery will be in the adjacent parking lot.

The three sections of the department: fruit production, field crops and truck crops will have their individual displays in rooms 124, 126, and 128 of the Erhart Agricultural Building.

The Fruit Production Department is showing methods of harvesting, pruning, spraying and cultivation of almonds, pears, peaches and grapes.

The field crops section is showing the growth and development of the department during the last 15 years. Contrast will be shown in seed production, weed control and field practices. Soil and biological reaction control also will be shown.

The truck crops section will show the future crops department by showing expansion plans of their department. They will also acquaint the public by displaying the many and varied vegetables.

Also in Erhart Agricultural Building 124, there will be identification contests for the public. Ribbons will be awarded to the winners. Products to be identified are seeds, field crops, fruits and vegetables.

Mustangs Set Eight Records In Winning State Title

Eight conference records were set by the Cal Poly swimming team last week at Santa Barbara as the Mustangs rolled to the CCAA conference championship over defending champion Long Beach State. The final score read 147 to 96.5 for the 49ers. Leading the Mustang swimmers was triple winner

Accion Program To Aid South America

ACCION, a program for community action in South America will present an opportunity for young college graduates to travel abroad beginning in June, 1961. The program is aimed at improving the growing social and political agitation in Colombia.

Similar to the Peace Corps, ACCION will enlist the aid of Californians only. The program will be administered from offices in California and Colombia with representation in New York City and Washington D.C. The California office will select the volunteers and set up a five-day orientation course to be given in Los Angeles.

ACCION will first direct its plans toward improvement of areas most vitally significant to the United States, Latin America.

Colombia has been selected as the pilot country. Eighty people will be chosen among volunteers from state colleges and agricultural schools and sent abroad for a period of 15 months.

The program will operate on two fronts—one urban, the other rural.

PE Major Receives Commendation

James Root, Physical Education senior from Castro Valley, has received a commendation for his aid to paraplegics and other crippled inmates at the California Men's Colony correctional facility. He has devoted evenings and spare time from college studies to interest and instruct crippled inmates in group games and restorative health activities.

"Root's work with the colony," said John H. Klinger, colony superintendent, "has inspired the younger of the crippled inmates to participate in table tennis, badminton, rope climbing and weight lifting." He said the interest created by Root as a volunteer instructor resulted in a "new spirit" among the men who are now making plans to play wheel-chair basketball along with other activities.

His work is part of an internship program which Cal Poly has started at the Men's Colony to provide service to state wards as well as to provide instructional field training for students. Klinger in issuing the commendation also congratulated the college's Physical Education Department for its constructive program.

Root has been a member of the Cal Poly wrestling team for two years and is one of the record holders in the 118-pound class in the California Collegiate Athletic Conference.

Scientific Inquiry Held On Suicide Problem

Part of the Veterans Administration's medical program has included the study of suicide for the past two years by Dr. Edwin S. Shneidman and Dr. Norman L. Farberow.

As a result of their findings, the VA is undertaking a program aimed at helping to prevent suicide by stimulating scientific inquiry on the subject by its hospital personnel.

Lost...

Lost, one slide rule, reports, Stephen E. Canada, Aeronautical Engineering sophomore. Canada lost the rule in the college dining hall Wednesday noon. A reward is offered for its return. Contact Canada in Lassen 20, or Cal Poly box 761.

All-American Jack Adam who broke existing records in each event. In the 440-yard freestyle Adam was clocked in 4:38:8 compared to 4:42:2 in 1960, the 200-yard freestyle was 2:10.8 compared to 2:11.7 in 1960; and the 1500-meter freestyle in 18:22.0 compared to 18:39.2 in 1960.

Frank Brooks was a double winner for the Mustangs. He won the 100-yard butterfly in 57.3, breaking his own 1960 record of 58.8 and stroked to a new record in the 200-yard butterfly with a 2:10.4 clocking.

Francis Bell also turned in a record-breaking performance with a 28.8 time in the 50-yard freestyle event. This broke the record set by Jerry Hill of Long Beach State in 28.9 seconds.

The 440-yard medley relay team of Jim Furlong, Jeff Campbell, Frank Brooks, and Courtney Childs were timed in a new conference time of 4:04.6 to break the record set last year by the Mustang squad of Russ Poe, Bill Goodwin, John Carr and Brooks.

The 440-yard freestyle relay produced the eighth record when a clocking of 8:54.8 was turned in by Francis Bell, Courtney Childs, Jim Wilson and Roger Svendsen. This bettered the mark set in 1960 by the Fresno State mermen.

Two school records were set in the breaststroke events as Jeff Capell turned in clockings of 1:10.7 and 2:29.1 in the 100-yard and 200-yard events, respectively.

Priceless



PRICELESS . . . Princess Julie Holmquist models a sea otter pelt in the style of a wrap. Although law prohibits personal possession or sale of the once-popular fur, prizes as high as \$6,000 have been paid for museum specimens. The fur is on exhibit at the Biological Science Department. (Photo by Taylor)



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