



Volume 20, Number 41

May 26, 1970

## VARIETY OF ACTIVITIES SCHEDULED FOR 1970 SENIOR WEEK

Senior Week, May 31-June 6, will offer a variety of activities for 1970 graduates of Cal Poly. First activity scheduled is the Pushing-Hubby-Through ceremony, during which wives of Cal Poly's graduates-to-be will be honored. That program is slated for the campus theater at 1:30 p.m. on Sunday (May 31).

At 4 p.m. that afternoon, also in the theater, the Baccalaureate Service will be presented by Cal Poly's Senior Class. Immediately following that service the annual senior tree planting will take place near the Music, Speech and Drama Building. Seniors will participate in planting the tree commemorating their class.

The Senior Class barbecue is scheduled for June 5 at Cuesta Park in San Luis Obispo from 6 to 9 p.m. "Statesburro" band will provide dancing and listening music for members of the graduating group and their guests.

The Senior Brunch will be served on June 6 in the Student Dining Room at 10 a.m. Entertainment will be provided by Cal Poly deans and department heads and other members of the administrative staff. At this time honors and awards will be presented to outstanding graduating seniors.

Degrees and certificates will be conferred on more than 2,000 students during 64th annual Commencement ceremonies June 6, beginning at 4 p.m. The traditional event, honoring all students who have completed their degree studies since last June, will take place in Mustang Stadium. S. I. Hayakawa, president of San Francisco State College, is scheduled to deliver the Commencement address.

Presentation of the Senior Class Gift by Senior Week activities chairman Donald Blazej of Simi and the traditional farewell address to be given by Daniel Pry, also a senior from Simi, are scheduled during the Commencement program. Pry and Blazej are both physical education majors.

The Senior Ball, slated for 9 p.m., June 6, at the Madonna Inn in San Luis Obispo, will conclude Senior Week events for Cal Poly's 1970 graduates.

## TRANSPORTATION ENGINEERING DEGREE PROGRAM WILL OPEN THIS FALL

A Bachelor of Science Degree in transportation engineering will be offered for the first time this fall at Cal Poly. It is the first such undergraduate program in the nation. All other transportation engineering programs are for advanced degrees.

Approval of the new curriculum was announced by Archie Higdon (Dean of the School of Engineering and Technology) following authorization by the California State Colleges Chancellor's Office and the California Coordinating Council of Higher Education.

(Continued on Page 2)



WORKSHOP ON NUTRITION SLATED JUNE 15-19

Nutrition and its effect on the child and on his classroom studies will be the subject of a week-long workshop this summer at Cal Poly. The program is co-sponsored by the Home Economics Department and the Dairy Council of California. All elementary-level teachers from 44 schools in San Luis Obispo County are eligible to attend; however, attendance will be by application only.

The course, scheduled for June 15-19, will include lectures, films, and visual materials on such topics as nutrition information for personal and classroom use; social and cultural aspects of food; nutrition and weight control; nutrition applications to health, science, and social studies; and the application of "model of instruction" techniques to nutrition education. The workshop will also include a pre-test and follow-up evaluation of the educational success of the course.

The state Dairy Council will provide most of the displays, films, and educational materials, and will staff most of the events. However, Cal Poly faculty members will be present, and the college Audio-Visual Department will provide some of the workshop materials.

"We're hoping to reach representatives from most of the county schools," said Mrs. Bertha Everhart (Home Economics Department), coordinator for the event. "We want visiting teachers to add to their personal nutrition education, and then be able to return to their classrooms to teach their students and their fellow teachers about improved nutrition."

Information about the workshop may be obtained by contacting the Home Economics Department.

TRANSPORTATION ENGINEERING DEGREE . . . (Continued from Page 1)

Dr. Higdon says objectives of the new program are "to provide appropriate job-entry education in transportation engineering, to provide engineering students at Cal Poly with a wider choice of engineering disciplines, and to provide graduates especially trained for the expanding transportation needs of California." The new degree curriculum will be broad, with classes selected from throughout Cal Poly's seven academic schools.

Transportation engineering includes the planning, design, and operation of highways, air, urban, and other transportation systems and related or auxiliary facilities, according to Dean Higdon. Graduates of the new Cal Poly degree program will be qualified for such positions as city manager, building inspector, manager of streets and parks, state and federal highway planner, and in maintenance and construction, airport construction and management, and in the armed forces and aircraft industries, Dean Higdon added.

Eight courses will be added to the School of Engineering and Technology class list to accommodate the new program. They will include Materials Testing Laboratory - Concrete and Wood, Planning of Transportation Facilities, Introduction to Traffic Problems and Transportation Development, Design of Transportation Facilities, and Structural Steel Design.

Inquiries about the new degree curriculum may be addressed to the School of Engineering and Technology.



SOLOISTS WILL JOIN CHAMBER ORCHESTRA FOR CAMPUS CONCERT

Four accomplished musicians from California and Oregon will be the featured soloists during a concert presented by the Cal Poly Chamber Orchestra on Friday (May 29) evening. The program is scheduled for 8:30 p.m. in the campus theater. Admission will be free and the public is invited to attend.

The soloists are bassoonist Gordon Solie of Portland, oboist John Ellis of Los Angeles, clarinetist Virginia Wright, and Jane Swanson, who will play the french horn.

In addition to playing for recording and motion picture studio orchestras, Ellis serves on the faculties of San Fernando Valley State College, Pomona College, and University of California at Santa Barbara. An oboist for the Ojai Music Festival in 1970, Ellis is also a member of the Glendale Symphony Orchestra.

Mrs. Wright is a part-time faculty member in the Music Department. Before moving to San Luis Obispo, she was the principal clarinetist for the Portland Symphony Orchestra, the San Jose Symphony Orchestra, San Francisco Opera Company, and the Eugene Symphony Orchestra.

Winner of both the Coleman Award for Chamber Music and the Atwater Kent Award in 1966, Mrs. Swanson has played with the Austin Symphony Orchestra in Texas and at the Peter Britt Music and Art Festival, in Jacksonville, Ore. She is the wife of Clifton E. Swanson (Music Department), conductor of the Cal Poly Chamber Orchestra.

A faculty member at Portland State University, Solie was formerly principal bassoonist for the Portland Symphony Orchestra for 12 years. Besides having played with a number of orchestras and at festivals in Oregon, Idaho, and Alaska, he formerly played under conductor Robert Shaw.

Friday evening's concert of the Cal Poly orchestra will be the last of its 1969-70 performance season, according to Swanson, who will be completing his third year as its conductor.

Both Solie and Ellis are scheduled to participate in music clinics being planned for Thursday (May 28) and Friday (May 29). An oboe clinic featuring Ellis is scheduled for 2 p.m., Thursday, in Room 218 of the Music, Speech, and Drama Building, and a bassoon clinic featuring Solie will take place on Friday at the same time and place.

SUMMER WORK HOURS WILL BEGIN JUNE 8

A revised schedule of Summer Quarter work hours for 1969 and 1970 was approved by President Robert E. Kennedy on an experimental basis last year. Under this plan staff, administrative, and 12-month academic employees will work from 8 a.m. to 4:30 p.m. with a half-hour lunch period. At the discretion of the supervisor the employees may elect to continue working from 8 a.m. to 5 p.m. and take an hour lunch period.

Dr. Kennedy's approval of the revised work hours was based on an original suggestion of the Staff Senate that such a schedule be used on an experimental basis. The two-year trial period was planned to allow sufficient experience for a thorough evaluation. A college-wide committee has been appointed to determine if the new hours or a modified schedule might be appropriate for year-round use as well as for summer. The study will be conducted under the direction of Larry Voss (Director of Personnel Relations).



NEW OPPONENTS APPEAR ON 1970 CAL POLY GRID LINEUP

Four new opponents are included on the 1970 schedule announced for Cal Poly's varsity gridders by Athletic Director-Head Football Coach Joe Harper. The Mustangs, hoping for an improvement on a 6-4 won-lost mark of last fall, will open their season in Mustang Stadium on Sept. 19 against California Lutheran College and conclude with a Thanksgiving Day morning encounter at California State Polytechnic College, Pomona.

In addition to Cal Lutheran, two of the other three new opponents will also come to Mustang Stadium for encounters with the Cal Poly gridders. California State College at Hayward and University of Nevada at Reno will oppose the Mustangs on Sept. 26 and Oct. 10 respectively. The Mustangs then travel to meet California State College at Fullerton, the fourth new opponent, on Nov. 14. San Fernando Valley State College will be their Homecoming game opposition.

The complete 1970 Cal Poly varsity football schedule is:

<u>Date</u>	<u>Opponent</u>	<u>Place</u>	<u>Time</u>
Sept. 19	California Lutheran College	Mustang Stadium	7:30 p.m.
Sept. 26	California State College at Hayward	Mustang Stadium	7:30 p.m.
Oct. 3	San Francisco State College	Mustang Stadium	7:30 p.m.
Oct. 10	University of Nevada, Reno	Mustang Stadium	7:30 p.m.
Oct. 17	Fresno State College	Fresno	8 p.m.
Oct. 24	San Fernando Valley State College	Mustang Stadium	1:30 p.m.
Oct. 31	California State College at Long Beach	Long Beach	8 p.m.
Nov. 12	California State College at Fullerton	Fullerton	8 p.m.
Nov. 21	University of California at Santa Barbara	Santa Barbara	8 p.m.
Nov. 26	Cal Poly Pomona	Pomona	10 a.m.

CONSTRUCTION OF DINING HALL ADDITION WILL BEGIN THIS WEEK

Construction of the \$133,200 addition to the north side of the College Dining Hall will begin this week, according to E. Douglas Gerard (Executive Dean). The successful low bidder on the project, Arnold A. Volney of San Luis Obispo, has indicated his intention to have work on the addition completed prior to start of the Fall Quarter in September. Work on the 4,400-square-foot addition to the Student Dining Room should not cause any major inconvenience to normal flow of campus automobile and foot traffic.

COFFEE HOURS ANNOUNCED FOR TWO RETIRING MEMBERS OF COLLEGE FACULTY

Coffee hours honoring two members of the Cal Poly faculty who will be retiring within the next few weeks have been announced. John K. Allen (Head of the Veterinary Science Department), who joined the college faculty in 1952, will be honored during a coffee hour scheduled for Friday (May 29) and Ena Marston (English Department), who began her duties at the college in 1946, will be recognized during a second such event on Monday (June 1). Both are planned for 2 to 4 p.m., in the Staff Dining Room. Friends of Miss Marston and Dr. Allen are invited to attend the respective coffee hours.



COMING EVENTS -- COMING EVENTS -- COMING EVENTS

Books at High Noon Luncheon -- Tuesday, May 26, 12 noon, Staff Dining Room. Review of Frank Graham's book Since Silent Spring by William R. Fredman during final program of 1969-70 for the book review series. Public invited.

Cal Poly Women's Club Choral Section -- Tuesday, May 26, 8 p.m., 201 Buena Vista Ave., San Luis Obispo. Regular section meeting at home of Mrs. Kenneth Schwartz. Members invited.

Physics Colloquium -- Wednesday, May 27, 4 p.m., Science Building Room E-27. Talk on "RZ Scuti -- An Unusual Binary Stellar System" by H. Kimball Hansen of University of California at Los Angeles; sponsored by the Physics Department. Faculty, staff, and students invited.

Summer Quarter Prescheduling -- Thursday, May 28, 11 a.m., various campus locations. Prescheduling for Cal Poly students who plan to attend the 1970 Summer Quarter.

Cal Poly Staff Club Luncheon -- Thursday, May 28, 12 noon, Staff Dining Room. Program featuring "Report on Europe" by Norman Cruikshanks is planned for final luncheon program of 1969-70 for Cal Poly Staff Club. Faculty and staff invited.

Music Workshops -- Thursday and Friday, May 28 and 29, 2 p.m., Music, Speech and Drama Building Room 218. Workshops for oboe and bassoon players featuring guest artists John Ellis and Gordon Solie; sponsored by Music Department. Public invited.

Coffee Hour -- Friday, May 29, 2 to 4 p.m., Staff Dining Room. Coffee hour honoring John K. Allen, who will retire next week after having been head of the Veterinary Science Department for the past 18 years. Faculty and staff invited.

Chamber Orchestra Concert -- Friday, May 29, 8:30 p.m., Cal Poly Theater. Concert of the Cal Poly Chamber Orchestra under baton of Clifton E. Swanson with oboist John Ellis and bassoonist Gordon Solie as guest soloists; sponsored by the Music Department. Public invited.

Varsity Track -- Saturday, May 30, 2 p.m., new track adjacent to Men's Gymnasium. Cal Poly vs. Southern Californis Striders Track Club. Public invited.

Pushing Hubby Through Ceremony -- Sunday, May 31, 1:30 p.m., Cal Poly Theater. Program honoring wives of Cal Poly's graduation candidates; sponsored by the Cal Poly Student Wives Club. Public invited.

Baccalaureate -- Sunday, May 31, 4 p.m., Cal Poly Theater. Baccalaureate service for Cal Poly's graduating students with message by Rev. Phil N. Barrett of San Jose; sponsored by Senior Week Committee of Cal Poly. Public invited.

Tree Planting Ceremony -- Sunday, May 31, about 5 p.m., lawn behind Music, Speech and Drama Building. Planting of tree commemorating their class by Cal Poly's 1970 graduating seniors; sponsored by Cal Poly Senior Week Committee. Public invited.

Cal Poly Women's Club General Meeting -- Tuesday, June 2, 10 a.m., Staff Dining Room. General meeting Cal Poly Women's Club featuring 1970-71 officers. Members invited.



NEED FOR RETURN OF KEYS EMPHASIZED BY MAINTENANCE CHIEF

With but three weeks remaining before end of the 1969-70 academic year, Robert R. Adams (Chief of Plant Operations) last week issued a reminder regarding return of keys to college facilities by students, faculty, and others who will be terminating their service with the college at the end of the Spring Quarter.

Adams said that key loses have steadily increased in recent years. "We are, therefore, reminding any students or faculty in possession of keys who will be leaving the campus to return their keys to college facilities to the Maintenance and Operations Office before they leave campus," he continued.

Taking time to check in keys before leaving campus will save both the Maintenance and Operations Department and the department authorizing issuance of the key considerable effort in locating the person to whom keys have been issued when time for the annual key inventory comes, Adams explained.

Those with questions about check out and issuance of keys to college buildings and/or facilities are invited to contact Adams in the Maintenance and Operations Department Office, 546-2321.

REGISTRATION ASSISTANCE OFFERED TO FACULTY AND STAFF

Faculty and staff members are reminded that if they wish to enroll for classes during the Summer Quarter, the Registrar's Office will assist with their registration. Those who will be enrolling should complete their registration books and leave them at the Registrar's Office, Adm-219, before June 12. Any student (or staff member) who was not enrolled during the Spring Quarter must clear through the Admissions Office before they can enroll for Summer Quarter.

COMING EVENTS . . . (Continued from Page 5)

Senior Class Barbecue -- Friday, June 5, 6 p.m., Cuesta Park, San Luis Obispo. Annual steak barbecue for Cal Poly's 1970 graduates featuring entertainment by "Statesburro;" sponsored by Senior Week Committee. Graduates and their guests invited.

Senior Brunch -- Saturday, June 6, 10 a.m., Staff Dining Room. Annual Senior Brunch featuring entertainment by school deans and department heads; sponsored by the Senior Week Committee. Tickets, \$1.75 - seniors and their guests invited.

Phi Kappa Phi Initiation -- Saturday, June 6, 3 p.m., Cal Poly Theater. Initiation of new members into Phi Kappa Phi national scholastic honor society; sponsored by campus chapter of the society. Public invited.

Commencement -- Saturday, June 6, 4 p.m., Mustang Stadium. Sixty-fourth annual commencement ceremony with graduation address by Dr. S. I. Hayakawa, president of San Francisco State College; sponsored by Cal Poly. Public invited.

Senior Ball -- Saturday, June 6, 9 p.m., Madonna Inn, San Luis Obispo. Annual Senior Ball for 1970 graduates; sponsored by Cal Poly's Senior Week Committee. Seniors and their guests invited.



HEILBRON CALLS FOR CHANGES IN HIGHER EDUCATION

The need for changes in higher education was stressed by the former chairman of the Board of Trustees of the California State Colleges in a speech on campus last Thursday (May 21). Louis H. Heilbron, a San Francisco attorney who was first chairman of the Board of Trustees, said that educators must be aware of faddism in the guise of change.

Heilbron called for a "major overhaul" of college teaching techniques, modification of degrees to recognize interest in teaching, more interdisciplinary programs, and fewer but more comprehensive examinations. He suggested that half of the lectures now given in colleges could be abandoned because they only repeat books which are readily available. He said the time conserved should be spent in individual attention by the teacher to students.

Heilbron suggested fewer examinations, but said they should be more comprehensive. He urged a stronger program in junior colleges, with support of the junior college degree by local industry.

"A much greater exchange between Town and Gown should occur," Heilbron said in his address entitled "Relevance for Town and Gown." "The Town is a repository of experience and of some wisdom, too. The college or university does well to invite representatives of the Town to its classrooms in order to discuss the problems which they, as decision-makers, or planners, or critics, face every day."

Students' Political Activity Praised

"For example, much might be gained if judges and lawyers were asked to appear in appropriate undergraduate classes to explain to students what is meant by due process, human rights, the appellate procedure, the rule of law, and the problems encountered in the administration of justice.

"On the other hand, the studies and theories of the classroom and of research are and can be made available more extensively to the Town. What can result, as a by-product of such experiences in relevance, is that the university or college will become more worldly in its pursuit of truth and the Town will become more conceptual and bolder in approaching change."

He also commented on the new approach student activists have taken to communicate with townspeople. "The Town welcomes the fact that a legion of students has decided to redirect their energies for reform into regular political channels.

"The students, desirous of making a favorable impression, have shorn their locks, put on ties and jackets, and have sallied forth, with honest and courageous purpose to impress their elders with the soundness of their points of view. In their encounters with the establishment, students and businessmen should be able to appear to each other as human beings and not as cardboard caricatures."

Heilbron also urged that students should be given an opportunity to participate in curriculum development and evaluation, including evaluation of teachers, and he said that required study of general history and awareness of the complexity of modern civilization is necessary to convey what a delicate mechanism civilization is.

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16th HUI O'HAWAII LUAU SLATED THIS SATURDAY EVENING

Tickets went on sale last week for the 16th annual Hui O'Hawaii Luau being planned for Saturday (May 30) at the Veterans Memorial Building in San Luis Obispo. Priced at \$3.50 each, they may be purchased at the Et Cetera Shop, San Luis Travel Service, and Brown's Music Store, all in San Luis Obispo; at the Arroyo Grande Gardens in Arroyo Grande; and at the Temporary College Union Building on campus. In addition, they may be obtained by calling 544-1799 in San Luis Obispo.

Sponsored by Cal Poly's Hui O'Hawaii Club, with the assistance of the San Luis Travel Service, the traditional festive dinner of the islands will begin at 6 p.m. Highlight of the evening will be the menu, featuring Kalua Pig, Lomi Salmon, and Chicken Luau, and entertainment by Ed Malia and the Islanders, a troupe of Hawaiian musicians and dancers from San Francisco. Also on the menu are poi, the traditional staple of the Hawaiian's diet, fresh pineapple, yams, and fruit punch.

Members of the sponsoring Cal Poly student group, made up of students who are residents of the nation's 50th state, have been serving the luau annually since 1954. They conduct the whole affair from digging the pit in which the pig is baked to serving the meal and helping with the entertainment. Flowers for the event, including leis for all guests and flowers for table decorations, will be flown to San Luis Obispo through arrangements made by San Luis Travel Service.

HEILBRON CALLS FOR CHANGES . . . (Continued from Page 7)

"It has to be handled with care. It must not be crushed by wild and hysterical pressures, by the fanaticism of a mob, by the obscenities of war. Its deficiencies and injustices should be remedied by expanding its benefits, not by blowing it to pieces or throwing wrenches into the gears."

He said the Town expects the Gown to provide a model of self-governance. "If the college cannot demonstrate how freedom and order may be adjusted in a fairly select community, then what are the prospects for the Town? The Town quite understandably feels let down by a failure in college governance. It does not seem to much to ask that the college put its house in order as a top priority."

Heilbron, who previously spoke at Cal Poly for the 1966 convocation which observed the college's 65th anniversary "Founder's Day" celebration, praised the college, saying, "As the educational world knows, this institution is famous for its upside-down methods of education -- initially emphasizing the practical, then developing and discussing the theory."

"The success of this approach has been proved in many of your subject areas. Students are highly motivated. You learn by doing and, subsequently, do better by further learning. To a considerable extent you have solved the question of relevance. In an upside-down world, an upside-down theory is about the only thing that makes sense. At least, it seems to be a better approach than act now, think later. You have a good thing going on this campus; see that you preserve it."

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WHO . . . WHAT . . . WHEN . . . WHERE ? ? ?

Ralph Vrana (Physics Department) is the author of a paper titled "Student Laboratory in Science and Mathematics - Patterns and Distortions," which will appear in a forthcoming issue of Instructor magazine. Vrana is also author of the textbook Junior High School Science Activities, which has been characterized as a valuable sourcebook for middle school science teachers who are looking for ways to encourage students to do original thinking by the Quarterly Review of Books in Science Education. The review quarterly is published by the American Association for the Advancement of Science.

Donald E. Morgan (Head of the Industrial Engineering Department) was the featured speaker during a dinner meeting of the San Francisco Chapter of the Society of Manufacturing Engineers held last Thursday (May 21) in San Mateo. Topic for Dr. Morgan's remarks was "The Manufacturing Engineer -- New Graduates Contrasted to Practicing Engineers."

William Marchant (School of Architecture) has received a travel grant from the American Association of State Colleges and Universities to be used in observing the Urban Semester Program of the University of Southern California with the view of possibly incorporating some ideas in a similar program at Cal Poly. Marchant also plans to meet with members of the California State College at Hayward faculty to discuss their urban laboratory program prior to end of the Spring Quarter.

Enrico Bongio (Welding and Metallurgical Engineering Department) accompanied 20 students who studied operations of three fabricating plants in the Fresno area last Tuesday (May 19). Discussions with engineering personnel at Valley Foundry and Machine Works, New Holland Company, and Selma Trailer Company followed guided tours of their operations.

David Hafemeister (Physics Department) is co-author of a paper titled "Mossbauer Study of Cobalt-57 Implanted in Diamond," which was published in the March 15 issue of the Journal of Chemical Physics. Dr. Hafemeister collaborated on study used in the paper with Fernando Barros and James Viccaro, both of whom are now at Carnegie-Mellon University in Pittsburgh, Pa.

Frank B. Barrows (Industrial Technology Department) has been named to take part in the Institute for Improving the Preparation of Professional Personnel for Vocational Education in Western Metropolitan Areas, which will be held at University of Nevada in Reno, June 14-17. Sponsored by the U.S. Office of Education, the institute is for educators with responsibility for teacher preparation programs directly related to vocational education, according to Dr. Barrows.

Chester H. Scott and Terry Rude (both Mathematics Department) are co-authors of "Plane Geometry by Vector Methods," an article which appeared in the March, 1970, issue of School Science and Mathematics magazine.

Richard C. Carlston (Welding and Metallurgical Engineering Department) was the principal speaker for the dinner meeting of the Central Coast Group of the American Society of Mechanical Engineers, which took place last Thursday (May 21) at the Holiday Inn in Santa Maria. Topic for Dr. Carlston's remarks was "All You Do Is Paint It."

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POTLUCK EVENT CANCELLED BY WOMEN'S CLUB SECTION

The potluck meal originally scheduled for tomorrow (Wednesday, May 27) at the home of Mrs. John West by the Cal Poly Women's Club's Newcomers Section has been cancelled. Members of the section are being contacted regarding other arrangements.

In other news of women's club activities, the Bridge Section has announced plans for a potluck event on Monday (June 1). Members of the section will be contacted about the location, time, and what to bring.

FACULTY, STAFF INVITED TO PHI KAPPA PHI INITIATION

Faculty and staff are invited to the initiation of the campus chapter of Phi Kappa Phi in the Cal Poly Theater at 3 p.m., on June 6. Phi Kappa Phi is a national academic honor society. Only students with 3.5 grade point average or higher are eligible for membership. Alumni members of the society are particularly urged to attend the initiation.

PRESCHEDULING FOR SUMMER QUARTER SET FOR THURSDAY

Prescheduling of classes for all students planning to attend during the Summer Quarter will be held at 11 a.m., Thursday (May 28), according to F. Jerald Holley (Director of Admissions and Records). Students are requested to check their department bulletin boards for their department's prescheduling program.

REMINDER OF PURCHASING DEADLINE

All requisitions for state purchases using Fiscal Year 1969-70 funds must be received in the Purchasing Office, Adm-117, 546-2213, by Friday (May 29). Costs of repairs, services, and rentals will continue to be charged against the Fiscal Year 1969-70 appropriation through June 30.

RETIREMENT SYSTEM REPRESENTATIVE SLATES CAMPUS VISIT

Louis Larsen, a Public Employees' Retirement System representative, will be on campus June 23 and 24. Any employee who will be retiring in the near future and desires an appointment with Larsen should contact the Personnel Office, Adm-111, within the next week.

SUMMER QUARTER PARKING PERMITS NOW ON SALE

Faculty and staff parking permits for the Summer Quarter are now available and may be purchased for \$9 each at the State Cashier Office, Adm-131C. Parking enforcement will begin on the first day of classes.

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### THINCLADS SLATE FINAL HOME ACTION OF 1970 SATURDAY

Head Track Coach Dick Purcell's Cal Poly thinclads will continue their competition against some of the world's most highly regarded track and field men Saturday (May 30) when they meet the Southern California Striders Track Club in a dual meet scheduled for the new field near the Men's Gymnasium. Starting times for the meet, which will be the last of the 1970 campaign for the Mustang cindermen, will be 1:15 p.m. for the track events and 2 p.m. for the running events.

Purcell divided his forces for the only action on the campus sports calendar for last weekend. Sophomores Mohinder Gill and Mathyas Michael led the Mustang contingent that entered the prestigious Modesto Relays on Saturday. Gill won the meet's open triple jump with a 52-9½ leap, one of the best marks in the nation this year. Michael turned in his best clocking of the season in the 880-yard run, a 1:50.7, to win his heat, but was unplaced in the finals.

Reynaldo Brown, a freshman high jumper who is awaiting start of his eligibility after enrolling at Cal Poly this spring, tied for first in the open high jump at 7-3½ at Modesto, but was placed second on the basis of having had more misses in the competition. That height is the best turned in this year in the world. Brown was a member of the U.S. team at the 1968 Olympic Games while still in high school.

Wayne Barbee, a senior, led a second group of Cal Poly trackmen that entered an all-comers meet held in Fullerton. He recorded a 163-8½ effort, one of the season's best by a collegiate performer, in the hammer throw.

The only other Cal Poly athletic team still scheduled to see action this spring is Coach Ed Jorgensen's varsity tennis team. The Mustang netmen, owners of a 23-6 won-lost record and the California Collegiate Athletic Association championship for 1970, will enter the National Collegiate Athletic Association college division national championship meet in Hayward in mid-June.

### P E WORKSHOPS SCHEDULED AGAIN THIS SUMMER AT CAL POLY

For the twenty-first -- or twenty-third -- consecutive year, depending upon whether you count the programs for men or for women, California teachers of physical education will gather at Cal Poly for two weeks of workshop activity this summer. The first such physical education workshop was held in 1947 for men teachers. The women held their own similar program in 1949, and now, twenty-one years later, their theme is "See Us Come of Age."

Some 350 men are expected to attend the 23rd annual California Workshop for Physical Education and Athletic Coaching, August 3-14. About 250 women will be on campus at the same time, for the 21st California Physical Education Workshop for Women in Secondary Schools. The women's program will open Aug. 2.

Dr. Robert A. Mott (head of the Physical Education Department) said the workshops have been held concurrently since 1963. A joint session for both sexes is planned for Tuesday, Aug. 11, with a keynote speech by Howard Day, president of the California State Board of Education and chairman of the Economic and Youth Opportunity Agency of Greater Los Angeles.

The workshops are sponsored by Cal Poly, the California State Department of Education, and the California Association for Health, Physical Education, and Recreation.



NEXT "CAL POLY REPORT" WILL BE LAST OF 1969-70

Next week's issue of Cal Poly Report will be the last regularly scheduled issue of the 1969-70 academic year. Current plans provide for publication of issues every two weeks during the Summer Quarter and resumption of weekly editions prior to start of the Fall Quarter on Sept. 15.

Deadlines for receipt of copy for Cal Poly Report will continue to be 12 noon on the Friday before publication. Suggested copy, which may be mailed or taken to the Information Services Office, Adm-210, should be typewritten, double-spaced, and bear name and telephone number.

OPENINGS ON COLLEGE SUPPORT STAFF LISTED BY PERSONNEL OFFICER

Four vacant positions on the support staff of the college have been announced by S. Milton Piuma (Staff Personnel Officer). Posted in greater detail on the bulletin board located in the Personnel Office, Adm-111, the vacant positions are:

Equipment Technician II (\$746-\$904), Food Processing and Agricultural Engineering Departments, School of Agriculture. Duties and responsibilities include maintaining machines and equipment in Agricultural Engineering and Food Processing shops. Modifying machines and equipment, requisitioning tools and supplies, supervising student shop employees, etc. Applicants must be high school graduates with two years college equivalent technical training skills in welding, pipe fitting, sheet metal, machine shop, and simple electric wiring.

Clerical Assistant II-B (\$469-\$571), School of Architecture. Duties and responsibilities include shorthand, typing, filing, operating office machines, working with student records, assisting parents of students, future students, and visitors with general information regarding curricula and operations of the School of Architecture. Applicants must have passed the General Clerical Test, type 45 wpm, take shorthand at 90 wpm. College or business college background desirable.

Clerical Assistant II-A (\$435-\$530), Records Office, Student Affairs Division. Duties and responsibilities include working with student records, assisting with registration of students, preparing grade records, etc. Applicants must have passed the General Clerical Test, type 45 wpm, take shorthand at 90 wpm. Must be high school graduates with typing proficiency and one year office experience.

Clerical Assistant III-A (\$522-\$635), Records Office, Student Affairs Division. Duties and responsibilities include supervising three Clerical Assistant II-A's, performing various public relations and administrative functions relative to Records Office Selective Service operations, and preparing various correspondence, reports, etc., for the Selective Service Board. Prefer applicants with two years of college and typing proficiency. Must have two years of office experience.





# RESEARCH notes

Prepared by the Office of Research and Development

Adm. 307 546-2630

## Research or Creative Activity Leaves

The recommendations of the College Research Committee have been approved and Mr. Thomas E. Eltzroth, Mr. George E. Hoffman, and Dr. C. Dennis Hynes have been awarded Fall 1970 quarter leaves. Alternates chosen were Dr. Max T. Wills, Mr. Gregg H. Macy, and Dr. Otto C. Davidson.

There were a total of 14 applications for the 3 available leaves and the choice was a difficult one to make. Congratulations to the winners and our compliments to all applicants for the quality of the proposals submitted.

## Patents

Under the new Patent Policy of the College, the California State Polytechnic College Foundation has entered into an Agreement with the Battelle Development Corporation in order that patentable ideas of faculty members and students can be professionally pursued for patenting and licensing.

The first two faculty members to utilize the Foundation services under this Agreement - Dave Saveker of Architecture and Roy Harris of Animal Husbandry - have passed the first major hurdle and have been advised their ideas appear to be patentable with good licensing possibilities. The Battelle Development Corporation will proceed on Roy Harris' device which is a breakthrough on rating the tenderness of meats and on Dave Saveker's hollow-beam design which has a great potential in the housing and aircraft industries.

## Recent Grants Received

- 1) The Public Health Service has awarded a grant of \$18,159 to the Home Economics Department to strengthen the Dietetics Program. This is the second such grant received by the Department and the funds will be used for planning and strengthening the instructional program.
- 2) A grant of \$36,260 has been received in the School of Architecture for developing some imaginative designs for elementary and junior high schools under adverse environmental conditions. Two well-known architects, John Lyon Reid and George Vernon Russell will be associated with the projects conducted by staff members in the School of Architecture.
- 3) A \$200 travel grant was awarded to Bill Marchant of the School of Architecture to study Urban Curriculum problems. The grant was awarded by the American Association of State Universities and Colleges.



FULBRIGHT-HAYS MATERIAL TO BE AVAILABLE SOON: DEADLINE TOLD AS JULY 1

Forms and program announcements for 1971-72 lectureships and research awards under the Fulbright-Hays program are to be distributed late in May, with applications due July 1, 1970. Copies of the material will automatically be distributed to most institutional executives. However, individuals wanting to receive details of awards for specific countries or for individual disciplines should write to: Committee on International Exchange of Persons, Conference Board of Associated Research Councils, 2101 Constitution Avenue N.W., Washington, D.C. 20418.

TRANSPORTATION DEPARTMENT SEEKS HELP WITH EXPORTS

The Department of Transportation is seeking suggestions from universities and colleges about ways to improve export transportation, according to an announcement in a recent issue of College and University Reports. The agency wishes specific help in developing a program to spread information about export transportation requirements and potential improvements in transportation techniques. Write: Procurement Operations Division, Room 9132, Department of Transportation, TAD-43, Seventh St. S.W., Washington, D.C. 20590.