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## BICYCLE LANES WILL BE INSTALLED ON CAMPUS STREETS

A step to encourage more bicycles and fewer automobiles on campus will be taken this summer by Cal Poly. Bike lanes six feet wide will be created on the college's major traffic arteries. President Robert E. Kennedy approved the recommendation of the campus planning committee to get the bike lane system in operation by the beginning of the Fall Quarter, 1971, in September.

Dr. Kennedy authorized removal of approximately 390 temporary on-street automobile parking spaces to clear the way for the bike lanes. The lanes will provide for improved safety of bicyclists and pedestrians, he noted, and will encourage greater use of bicycles by students and faculty.

The Student Affairs Council of Cal Poly's student government adopted a resolution in support of the creation of bicycle lanes on May 4. Dr. Kennedy said the student request coincided with improvements in traffic planning under consideration by the college.

Both E. Douglas Gerard (Executive Dean) and Peter K. Phillips (Facilities Planner), who developed the bike lane plan, ride bikes to and from campus. Dean Gerard said the street parking spaces create hazards for pedestrians, especially at crosswalks, and that the motorists will now be encouraged to use available parking spaces in campus lots. Some of the spaces are not as convenient as the street parking, he noted, but the bicycle lanes are definitely needed for the increasing number of cyclists on campus.

## Increased Use of Bikes

"The relatively inexpensive multi-speed bicycles and the awareness of the ecological impact of motor vehicles are factors in this increased use of bikes," Dean Gerard said. "We have three times as many bikes on campus this year as last year."

Adoption of the plan will involve repainting curbs of the main campus streets, striping the street surface to indicate bike lanes and intersections, and stenciling of new signs for pedestrians and motorists. The restriping will include Grand Ave., California Blvd., North and South Outer Perimeter Rds., and College Ave.. Temporary stopping zones, left turn lanes, and other safety features will also be installed.

There will also be a change for motorists using the Grand Ave. entry. Restriping will provide two incoming (northwest) vehicle traffic lanes and one outgoing (southeast) traffic lane, to accommodate early morning rush-hour traffic. The bike lanes will occupy six feet on either side of Outer Perimeter Rd. and Grand Ave. and one side of the other streets. Two-way traffic will be permitted in all bike lanes.

Dean Gerard said he believes that the college's action will not only increase bicycle use on campus, but will encourage the development of similar bike lanes on city streets leading to the campus.



JUNE 8 "CAL POLY REPORT" WILL BE LAST OF 1970-71

The June 1 and 8 issues of Cal Poly Report will be the last regularly scheduled editions of the 1970-71 college year under a publication schedule announced this week by the Information Services Office. Current plans provide for publication every two weeks during the Summer Quarter beginning on June 22 and continuing through Aug. 31.

A back-to-campus issue is planned for Sept. 17 and resumption of the regular weekly publication schedule for the Fall Quarter is planned on Sept. 28.

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

Since the normal period for preparation of next week's issue falls during a holiday period, the deadline for receipt of copy for the next edition of Cal Poly Report is being moved forward. Copy intended for that issue must be in the Information Services Office by 12 noon on Thursday (May 27).

RETIREMENT COFFEE HOUR WILL HONOR GENE BRENDLIN

The Board of Directors of the Cal Poly Foundation has announced a retirement coffee hour to be held in honor of Gene E. Brendlin, who will retire in July after having been manager of the foundation since 1950, from 2:30 to 4 p.m. on June 11 in the Staff Dining Room. The event is expected to give Brendlin's friends among the foundation and state staff, faculty, and students an opportunity to honor him on his retirement. All of his friends are invited to join the Board of Directors for the coffee hour.

MAY SALARY WARRANTS WILL BE DISTRIBUTED FRIDAY ON

Salary warrants for the May pay period will be available to state employees who wish to pick them up in the Business Affairs Division Office, Adm-114, on Tuesday (June 1). They will be available after that date at the State Cashiers Office, Adm-131-C. Since the pay period ends on Monday (May 31), employees whose reporting departments and units are participating in the check distribution system can obtain their warrants after 8 a.m. on Tuesday (June 1) from the designated member of their department or unit staff.

SHORT-TERM PARKING PERMITS WILL BE AVAILABLE NEXT WEEK

Short-term parking permits for the last two weeks of the Spring Quarter will be available next Tuesday (July 1), according to Ray Morton (Purchasing Officer). The permits, priced at \$1 per week, may be purchased that day from the State Cashiers Office, Adm-131-C. Morton said the permits are being made available for the convenience of persons who normally do not bring their cars on campus but find it necessary for the closing period of the quarter.



SENATE BILL APPROVAL WOULD AFFECT EMPLOYEES RETIREMENT BENEFITS

Retirement legislation recently introduced in the legislature will, if approved, have a significant impact on most employees insofar as retirement benefits are concerned on or after July 1, 1971. An amended Senate Bill 249 (Grunsky) has the support of the Board of Administration of the Public Employees' Retirement System, the California State Employees Association and Governor Ronald Reagan. It was learned last Friday that the bill has cleared the State Senate by 33-0 vote and was being sent to the Assembly.

Under the proposed legislation, an employee can receive half pay allowance at age 60 with 25 years of service. The proposed changes, if adopted, would be the first basic revision in the retirement program since 1947, and will make the present system comparable to those in private industry and other government jurisdictions.

In summary, the new legislation would provide the following for members of PERS beginning July 1, 1971:

1. The compulsory retirement age would be reduced from age 70 to age 67 in three stages: on Oct. 1, 1971 to age 69; on Oct. 1, 1972 to age 68; and on Oct. 1, 1973 to age 67;
2. Increases service retirement benefits for those retiring at age 63 or earlier by about 20 percent;
3. Provides a \$100 monthly minimum allowance under certain specific conditions;
4. Upon completion of five years of service credit, an employee will have a right to service retirement benefits;
5. All employees' contribution rates would be a standard seven percent regardless of age or sex. The percentage would be slightly less for those integrated with social security.
6. Extends 1957 survivors benefits to all members.

The PERS will hold informational meetings throughout the state on these proposed changes for agency representatives. There is a meeting scheduled for San Luis Obispo on June 3. Cal Poly will be represented by members of the Personnel Office. Additional information regarding provisions of the senate bill may be obtained from Milton Piuna (Staff Personnel Officer), Adm-111, 546-2236.

NEW "CHANCELLOR COMMENTS" ISSUE BEING DISTRIBUTED ON CAMPUS

The May 14, 1971, issue of The Chancellor Comments, a newsletter issued periodically by Chancellor of the California State Colleges Glenn S. Dumke, arrived on campus last week and is being distributed as an attachment to this issue of Cal Poly Report. Contained in the issue are statements on low producing degree programs and of engineering programs.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon Thursday, May 27, in the Office of Information Services, Administration-210.



#### AGRICULTURAL ENGINEERING STUDENTS CONSTRUCT PLAYGROUND DEVICE

The children of vacationers at Lopez Lake this summer will play on a climbing device constructed by a Cal Poly agricultural engineering class. Constructed of pipe in the shape of a covered wagon, the playground addition was the work of a construction project class taught by James Zetsche (Agricultural Engineering Department).

One-hundred hours of student labor went into creating the plaything which is 10 feet long, 7 feet wide, and about 5 feet high. It will be installed in Carpenter Playground adjacent to family campsites at the lake. Russ Powell, deputy administrator in the county administration office, made arrangements for construction of the climber through Frank Coyes (also Agricultural Engineering Department).

#### ARCHITECT WILL ADDRESS CAMPUS GATHERING ON THURSDAY EVENING

Architect Ulysses Floyd Rible will present a lecture on his 50 years of experience in architecture on Thursday (May 27) evening at 8 p.m. in the Architecture Gallery of Engineering West Building. Also scheduled this week in the gallery is an exhibit of Rible's school work as accomplished in the old "beaux arts" system. Rible, a visiting architect for the School of Architecture and Environmental Design this week, is a member of the firm of Allison, Rible, Robinson, and Ziegler, Architects, of Los Angeles. The firm, which was responsible for the first modern master plan of the Cal Poly campus, is now an associated group with the Leo A. Daly Corporation. The campus community is invited to hear Rible's remarks and to view the exhibit.

#### TEA WILL HONOR RETIRING ACTING DEPARTMENT HEAD

A tea honoring Mrs. Eva Scully will be held in the Home Economics Living Room (MHE-114) from 10 a.m. to 12 a.m. on Thursday (May 27). Mrs. Scully has been acting head of the Home Economics Department since early 1970 and will be retiring at the end of the Spring Quarter. The tea is being arranged by the Student Advisory Board of the Home Economics Department. All friends of Mrs. Scully are invited to come by and wish her well.

#### COFFEE HOUR WILL HONOR ROY HUGHES

A coffee honoring Roy Hughes (Men's Physical Education Department) who is retiring after 20 years of service will be held in the Staff Dining Room tomorrow (Wednesday, May 26, from 2:30 to 4 p.m. All his friends are invited to attend, according to an announcement from the Men's Physical Education Department, which is sponsoring the event.

#### DATES FOR SUMMER SWIMMING ANNOUNCED BY MEN'S P.E. DEPARTMENT

The summer program of instruction and recreational swimming will commence on June 21 and continue until July 30, according to an announcement from the Men's Physical Education Department. A detailed announcement with regard to times and procedures will be announced at a future date, probably in the June 1 Cal Poly Report.



COMING EVENTS -- COMING EVENTS -- COMING EVENTS

Art Show -- Continuing through Saturday, May 29, 8 a.m. to 12 midnight on weekdays, 10 a.m. to 12 midnight on Saturday, and 12 noon to 12 midnight on Sunday, Julian A. McPhee College Union. Exhibit of contemporary prints by French artists; sponsored by the Fine Arts Committee of the Associated Students, Inc. Public invited.

Coffee Hour -- Wednesday, May 26, 2:30 p.m. to 4 p.m., Staff Dining Room. Coffee hour honoring Roy B. Hughes who will retire next month after having been a member of the college faculty since 1950; sponsored by the Men's Physical Education Department. Faculty and staff invited.

Choral Concert -- Wednesday, May 26, 10 a.m., Music, Speech, and Drama Building Room 218. Concert by the College Chorale and Chamber Singers of Orange Coast College in Costa Mesa; sponsored by the Music Department. Faculty, staff, and students invited.

Tea -- Thursday, May 27, 10 a.m. to 12 noon, Mathematics and Home Economics Building Room 114. Tea honoring Mrs. Eva Scully, acting head of the Home Economics Department, who will retire next month; sponsored by the Student Advisory Board of the Home Economics Department. Faculty, staff and students invited.

Chamber Singers Concert -- Thursday, May 27, 11 a.m., Cal Poly Theater. Concert by the Cal Poly Chamber Singers under the direction of John G. Russell; sponsored by the Cal Poly Music Department. Public invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, May 27, 12 noon, Staff Dining Room. Talk on Guatemala by J. Philip Bromley presented during regular luncheon meeting of the club. Faculty and staff invited.

Nurserymen's Association Dinner -- Thursday, May 27, 7:30 p.m., Staff Dining Room. Dinner meeting of the Tri-Counties Chapter of the California Association of Nurserymen; hosted by Cal Poly's Ornamental Horticulture Department. Members invited; reservations required.

Architecture Lecture -- Thursday, May 27, 8 p.m., Engineering West Building Architecture Gallery. Lecture by visiting architect Ulysses Floyd Rible; sponsored by the School of Architecture and Environmental Design. Students, faculty and staff invited.

Physics Colloquium -- Friday, May 28, 11 a.m., Science Building Room B-5. Talk on "The Effects of Jupiter's Radiation Belts on Spacecraft" by Jack B. Barengoltz of the Jet Propulsion Laboratory in Pasadena; sponsored by the Physics Department. Faculty, staff, and students invited.

Coffee Hour -- Friday, May 28, 2 to 4 p.m., Staff Dining Room. Coffee hour honoring Richard I. Leach who will retire next month after having been a member of the college faculty since 1931; sponsored by the Poultry Industry Department. Faculty and staff invited.

Chamber Concert -- Friday, May 28, 8:30 p.m., Cal Poly Theater. Concert by the Cal Poly Chamber Orchestra under the direction of Clifton E. Swanson; sponsored by the Cal Poly Music Department. Public invited.

College Holiday -- Monday, May 31, all day. Memorial Day holiday for Cal Poly students, faculty, and staff.



COMING EVENTS . . . (Continued from Page 5)

Nurserymen's Refresher Course -- Tuesday Through Thursday, June 1-3, all day, Music Speech and Drama Building. Annual short course for nurserymen from throughout California; sponsored by the California Association of Nurserymen and hosted by the Ornamental Horticulture Department. Members invited; by advance registration.

Cal Poly Women's Club Walking Section Meeting -- Tuesday, June 1, 9 a.m., 191 Kentucky Ave., San Luis Obispo. Meeting of the section for a picnic at the home of Mrs. William Horton. Members invited.

Cal Poly Staff Club Luncheon Meeting -- Thursday, June 3, 11 a.m., Staff Dining Room. Luncheon program featuring address by President Robert E. Kennedy. Faculty and staff invited.

OH Banquet -- Tuesday, June 1, 7 p.m., Julian A. McPhee College Union Room 207. Annual banquet of students and faculty of Cal Poly's Ornamental Horticulture Department; sponsored by the Cal Poly Ornamental Horticulture Club. Tickets: members \$4; guests \$5; advance sale only.

Speech Contest -- Tuesday, June 1, 7 p.m. Music, Speech and Drama Building Room 212. Annual public speaking contest for Cal Poly students; sponsored by the Cal Poly Speech Department. Public invited.

Birth Control Seminar -- Thursday, June 3, 8 p.m., Julian A. McPhee College Union Room 203. Program on Birth control; sponsored by the student Wesley Foundation organization. Public invited.

COFFEE HOUR WILL HONOR RETIRING DEPARTMENT HEAD

A retirement coffee hour will be held for Richard I. Leach (Head of the Poultry Industry Department), in the Staff Dining Room from 2 p.m. to 4 p.m. on Friday (May 28). Leach, who will retire at the close of the Spring Quarter next month, has been head of the Poultry Industry Department since 1931. All friends of Leach and his wife are invited to drop in and wish them well. The coffee hour is being arranged by the Poultry Industry Department.

ART PRINTS FROM FRANCE ON DISPLAY IN COLLEGE UNION

One hundred contemporary art prints by some 60 French artists are currently on display in the Julian A. McPhee Collge Union. The show is being sponsored by the Associated Students Inc., Fine Arts Committee and will be on exhibit through Saturday (May 29).

Entitled "France III," the display is part of a series of international exchange exhibits circulated by the Memorial Union at Oregon State University in Corvallis. It includes color and black-and-white prints using both intaglio and lithographic processes.

"France III" is being displayed in the lounge opposite the main information desk in the College Union on campus. It is available for public viewing during regular College Union hours on weekdays, 8 a.m. until midnight, and Saturday, 10 a.m. until midnight.



VARIED PROGRAM PLANNED FOR FINAL CONCERT OF CAMPUS MUSIC SEASON

Music ranging from a Schubert symphony and excerpts from a Mozart opera to choruses from Alice in Wonderland are on the program for the final concert of the 1970-71 campus music season on Friday (May 28). The concert, which will feature the Cal Poly Chamber Orchestra, will take place in the campus theater beginning at 8:30 p.m. Admission will be free and the public is invited to attend.

Scheduled to join the orchestra for the performance, according to Clifton E. Swanson (Music Department), its director, are soloists Nella Girolo, Mike Poleinski, and Tim Mussard, and Cal Poly's College Chamber Singers.

Miss Girolo, a soprano, whose husband is a member of Cal Poly's mathematics faculty, will join the orchestra for renditions of two excerpts from Mozart's Figaro. A performer with considerable professional experience, she participated in a concert consisting entirely of music by composer Aaron Copland last November at the New York Cultural Center and has performed extensively throughout the New England and Midwest States.

Poleinski, a violinist and concertmaster for the Cal Poly orchestra, will be featured in the ensemble's performance of Massenet's Meditation from Thais. Presently an architecture student at Cal Poly, he formerly played with the Los Angeles Junior Symphony and with the American Youth Symphony under Zubin and Mehta.

Mussard is no stranger to San Luis Obispo-area audiences. Presently a graduate student in education at Cal Poly, he was winner of the Monday Club's music award in 1968 and has sung frequently as a baritone soloist with performing groups at the college. He will join the orchestra for another of the excerpts from Figaro.

The Cal Poly orchestra's performance will mark the close of its third season under Swanson's baton. He joined the college faculty in 1967 after having teaching experience at University of Texas, University of California at Los Angeles, and Portland State University.

CHAMBER SINGERS WILL PRESENT COLLEGE HOUR CONCERT

Chamber music mixed with a sprinkling of folk songs will be the menu when the College Chamber Singers present the final concert of their performing year on Thursday (May 27) morning. The public is particularly invited to attend the College Hour Concert, which will take place in the Cal Poly Theater beginning at 11 a.m. Admission will be free.

Joining the Cal Poly chamber group for the performance, according to John G. Russell (Music Department), its director, will be vocal soloists Jim Hull, John Jacob, and Jon Wood. Jacob and Wood will sing a series of folk songs and Hull, a baritone, will be featured in the vocal ensemble's performance of Lloyd Pfautsch's Witness. All three are students at the college.

Other music programmed for the concert includes numbers by Gordon Lightfoot, a contemporary composer, James Van Heusen who has written many popular songs over the past 30 years, and Monteverdi.

The College Hour Concert will conclude Russell's third season as director of the 18-voice mixed ensemble. He joined the college faculty in 1968 after having taught at Fresno and Chico State Colleges.



VACANT SUPPORT STAFF POSITIONS LISTED BY PERSONNEL OFFICER

Four vacant positions on the college support staff have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the position, which may be filled by promotion or transfer of Cal Poly staff only, are posted on the bulletin board located in the Personnel Office, Adm-111, 546-2236. Guidelines for filling the positions are also posted in the Personnel Office. The positions are:

Placement Supervisor I (\$710-\$863), Placement/Financial Aids Office, Student Affairs Division. Duties and responsibilities include supervision of placement interviewers; assisting in scheduling of recruiters and interviews, school relations, and recruitment of teaching candidates; and speaking to student groups in education. Applicants must have a bachelor's degree, professional experience in education, and have passed the General Clerical Test.

Placement Interviewer (Half-time) (\$307-\$373), Placement/Financial Aids Office, Student Affairs Division. Duties and responsibilities include assisting direction in all non-teacher placement functions and various details; corresponds and confers with business, industry, and government employers determining their personnel needs and promoting hiring of college seniors and graduates; and speaking to student groups in the classroom and College Union after hours regarding placement functions and career preparation. Applicants must have equivalent to graduation from college, two years experience as placement interviewer, or occupational placement experience.

Departmental Secretary I-B (\$517-\$628) Home Economics Department, School of Human Development and Education. Duties and responsibilities include taking dictation and transcription; typing test correspondence and classroom handouts; filing and duplicating; directing two clerical assistants; keeping up to date records; and acting as a receptionist in handling inquiries from students, instructors, and public regarding curriculum and departmental activities. Applicants must have passed the General Clerical Test, have two years experience in general office work, take shorthand at 90 words per minute, and type at 45 words per minute. Two years of college education preferred.

Clerical Assistant II-B (\$246-\$299) (half-time, 1-5 p.m. only) Office of International Education, Academic Affairs. Duties and responsibilities include taking dictation and transcription, general typing, handling inquiries regarding various programs involving the college, compiling and filing of materials, and preparation of reports relating to on-campus and overseas Agency for International Development contracts. Applicants must be high school graduates, have passed the General Clerical Test, have one year experience in general office work, take shorthand at 90 wpm, and type 45 wpm.

DISPLAY ON JAPANESE CULTURE BEING SHOWN IN LIBRARY FOYER

"Japanese Religion and Culture" is the subject of an exhibit being shown in the foyer of Dexter Library through Saturday (May 29). Included in the display, which was arranged by Ruth Frost and Karey Morrison, both students, are art objects, a Japanese flower arrangement, and examples of calligraphy. The exhibit is being sponsored by the College Library.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon, Thursday, May 27, in the Office of Information Services, Adm. 210.



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

Cheryl Power (Home Economics Department) attended the Southwestern Regional Consumer Meeting at University of Southern California in Los Angeles on May 19. The gathering was sponsored by the Office of Consumer Affairs of the Executive Office of the President of the United States. Ideas and problems in the area of consumer education were aired with Virginia Knauer and other members of the Office of Consumer Affairs staff.

Richard Eppley and Pat Pendse (both Biological Sciences Department) attended a seminar on the use of modules in college biology teaching at Columbia Junior College recently. Participants actually prepared some modules and studied the Modular Science Laboratory of the host college, which is equipped with carrels containing audio tutorial equipment. The seminar was sponsored by the Commission on Undergraduate Education in Biology.

Gary D. Reif (Dairy Department) is the author of an article on the use of liquid nitrogen in freezing which appeared in the April, 1971, issue of the Dairy Industry Conveyor, a publication of the University of California Agricultural Extension Service. Dr. Reif's article is titled "Liquid Nitrogen Freezing: I. Applicability to Starter Culture Preservation."

Walter E. Elliott (Physics Department) has accepted an invitation to join a study group formed by the Physics Education Division of the Canadian Association of Physicists. The group, which was formed in 1968, will conduct an in-depth study, ranging from Canadian secondary schools to universities, of science enrollment trends and student attitudes toward physics.

Frank J. Hendel (Aeronautical Engineering Department) was the guest speaker of the Pinckards' Science Fiction Writers at a meeting held in Santa Maria on May 15. Topic of Dr. Hendel's remarks was "The Next 100 Years in Space Fiction." Beside regular members of the group, who are mostly from the Los Angeles area, other persons from the Santa Maria and Vandenberg Air Force Base attended the gathering.

George H. McMeen (Mathematics Department) is helping write a series of modern mathematics textbooks for elementary schools to be published soon by the American Book Company. Dr. McMeen who has written other modern math books for use in elementary classes, recently completed a test titled Fundamentals of Mathematics (Revised Edition) which is being published by Van Nostrand Reinhold Company. Other books and series for which he was co-author are presently in use by elementary school students throughout the nation and in foreign countries.

Thomas M. Lukes (Food Industries Department) has written a research paper titled "Thin-Layer Chromatography of Cysteine Derivatives of Onion Flavor Compounds and the Lacrimatory Factor," which will appear in the May-June, 1971, issue of the Journal of Food Science.

Lee C. Coombs (Chemistry Department) has been chosen to do research this summer at San Diego State College under the National Science Foundation program for college teachers. Dr. Coombs will study the role of sulfur in certain oxidation-reduction processes. His work may give some important information concerning such reactions in biological systems.



### BLACK JOURNALIST WILL SPEAK ON FRIDAY EVENING

Frank Albert Young of Los Angeles, journalist and social worker, will speak on "The Black in College" at a meeting of the campus Black Students Union in Room 203 of the Julian A. McPhee College Union at 8 p.m., on Friday (May 28). The meeting will be open to the public. There will be a 50-cent admission charge, according to Doyle McGhee, president of the BSU.

Young has observed all of the civil rights movements of the Black race in recent years, according to McGhee, and has written on riots, lynchings, and black mistreatment. An original member of the Harlem Round Table, which included W.E.B. Dubois and a host of other prominent Black civil rights leaders, he is the son of Frank A. Young, sports editor and managing editor of the Chicago Defender for 50 years.

The younger Young has written for newspapers throughout the Middle and Western United States and is a member of California Democratic Council, the Southern California Human Relations Council, the Advisory Council of California State College at Dominguez Hills, the California Black Leadership Conference, the Congress of African Peoples, and other organizations concerned with human right and social work.

### UPCOMING HOLIDAYS FOR COLLEGE EMPLOYEES LISTED

The schedule of holidays for Cal Poly staff, administrative, and 10- or 12-month academic employees for the remainder of the 1970-71 college year and the 1971 summer Quarter was announced last week by Larry Voss (Director of Personnel Relations). As listed, the upcoming holidays are: Monday, May 31, Memorial Day (now the last Monday in May); Monday, July 5, Independence Day; and Monday, Sept. 6, Labor Day.

### WHO. . .WHAT. . .WHEN. . .WHERE? ? ? (Continued from Page 9)

David Hafemeister (Physics Department) has been appointed research physicist at University of Gronigen in The Netherlands for the forthcoming summer and fall months. Dr. Hafemeister, who has studied Mossbauer phenomena extensively, intends to apply the Mossbauer effect to amorphous semi-conductors upon joining the staff in Prof. Hendrick de Waard's solid state laboratory at the university.

Joyce H. Wright (Speech Department) attended a voice clinic co-sponsored by the Speech and Hearing Services of the San Luis Obispo County Office of Education and the Easter Seal Society, which took place May 14-15. Purpose of the clinic was both in-service training for speech and hearing specialists and the opportunity to discuss diagnostic and therapy recommendations for children with voice disorders.

Leonard G. Haeger (School of Architecture and Environmental Design) participated in a workshop on building and construction in Washington, D.C., recently. The National Research Council sponsored program took place late last month.

Norman L. Eatough (Chemistry Department) will be assigned as a member of the special staff at Brigham Young University during the summer months. Dr. Eatough will work on inorganic reactions at ultrahigh pressures under a U.S. Army research grant. A former member of the BYU faculty, he has been a member of the Cal Poly faculty since 1968.



#### TRACKMEN WILL ENTER CALIFORNIA RELAYS THIS WEEKEND

After a weekend that saw them finish with mixed results, a small contingent from Cal Poly's varsity track and field team will journey to Modesto where they will enter the annual California Relays on Saturday (May 29). Being groomed by Coach Steve Simmons for the meet in Modesto are high jumper Reynaldo Brown, triple jumper Mohinder Gill, sprinter Bobby Turner, and a 440-yard relay team.

The same entry came away from an invitational meet held in El Paso, Tex., last week with a first place finish in the high jump (7-2) by Brown, a third (22.0) in the 220-yard dash by Turner, and a fourth (41.4 seconds) by the relay team. Gill injured an ankle in practice and was unable to compete in the meet which was held in a storm that registered winds of up to 45 miles per hour.

In other action last week, Coach Ed Jorgensen's varsity tennis team scored 13 team points to win the annual Santa Barbara Invitational Tennis Tournament. Dan Lambert and Tom Martin won the tourney's doubles title to lead the Mustang effort over a field of college level teams. California State College at Los Angeles was second in the team competition and the host University of California at Santa Barbara team was third.

An alumni team lead by former Mustang quarterbacks Gary Abate and Don Milan capitalized on varsity fumbles to the win the annual Spring Football Game in Mustang Stadium last Saturday afternoon by an 18-7 margin. The game, which took place before a shirt-sleeved crowd of some 1,500 fans was the final on-campus event of the 1970-71 sports season.

#### CANDIDATES BEING SOUGHT FOR A S I POSITION

Candidates for a vacant accounting technician position on the staff of the Associated Students, Inc., Business Office are being sought, according to an announcement received from Roy Gersten (ASI Director of Business Affairs). Those interested in applying for the position, which is described below, are invited to contact the ASI Business Office, CU-202, 546-2411:

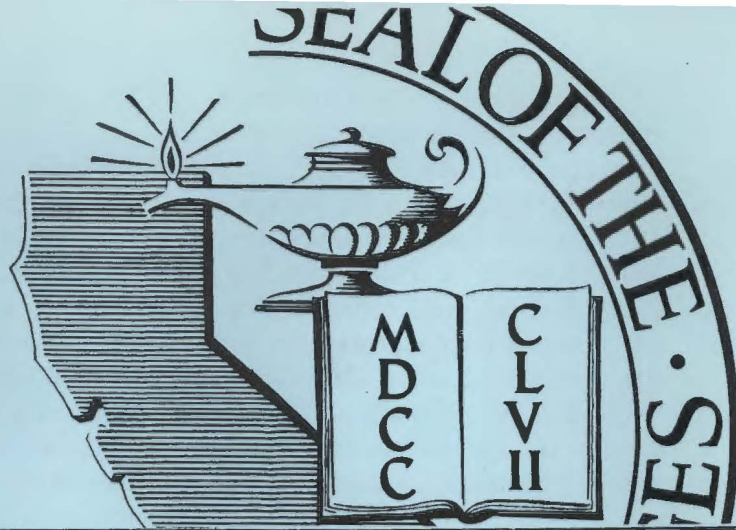
Accounting Technician III (\$683-\$830), Associated Students, Inc., Business Office. Duties and responsibilities include preparation of required surveys, analyses, summaries, reports, and returns; preparation of insurance claims relating to athletic and other injuries covered by state college systemwide student travel insurance; supervises preparation of disbursements and purchase orders, personnel and payroll procedures; and orientation, instructing, and advising advisors and student treasurers on budgetary matters; and making available information on Public Employee's Retirement System, Medical and Unemployment Compensation provisions for ASI employees. Applicants must have at least 12 semester hours of professional accounting curriculum (or one year experience may be substituted for 6 semester hours of accounting experience) and one year of bookkeeping experience.

#### RETURN OF INTER CAMPUS MAIL ENVELOPES ASKED BY GENERAL OFFICE

The return of excess supplies of inter-campus mail envelopes is being requested, according to Mrs. Lucy Schmidt (Supervisor of the General Office). Offices and departments that have quantities of the envelopes in excess of their needs are asked to return them to the Duplication Center, Adm-129.



# The Chancellor COMMENTS



May 14, 1971  
VOL. IV, No. 4

TO THE PRESIDENTS, FACULTIES, ADMINISTRATIVE AND SUPPORT STAFFS, AND STUDENTS OF THE CALIFORNIA STATE COLLEGES:

## Review of Low Producing Degree Programs

I am aware of the concerns on many of our campuses as a result of media reports that 60 low producing degree programs at 17 campuses may have to be discontinued. I would like to expand on these reports.

Review of existing and projected degrees and degree terminologies has long been part of the annual Academic Master Planning process. Five-year academic master plans for each of the colleges were first developed in 1964 to insure orderly curriculum development within the system. Since then, there has been annual revision and updating.

An important part of the master planning process is the declared policy of the Board of Trustees to "...avoid unnecessary proliferation of degrees and terminologies." In line with this policy, over 40 degree programs have been discontinued through consolidation or phasing out during the last three planning cycles. Particular attention is always given to high-cost programs — in accordance with mandates from the Trustees and the Coordinating Council for Higher Education.

This year, current and prospective budgetary conditions made necessary a systematic and stringent review of all existing programs which were implemented prior to the 1967-68 academic year and which are experiencing relatively low degree production. Such programs, if they are specialized and do not serve other support functions, are likely to be high cost.

Preliminary procedures for the review of all degree programs and a report on some of the low producing programs to be initially reviewed were presented to the Trustees' Committee on Educational Policy at its meeting April 27 in San Jose.

We pointed out that while low degree producing programs varied from campus to campus, seven low production disciplines were common to a number of the State Colleges: French, German, Russian, Chemistry, Physics, Mathematics and Music.

The small number of graduates in these areas can be attributed to a decline of the post-Sputnik emphasis on the "hard sciences" and foreign languages, and to subject-oriented changes in teacher preparation. While these disciplines are not so specialized as to be in themselves questionable, the fact that some downward trends do exist points to the need for qualitative and quantitative performance reviews of *all* ongoing programs.



Accordingly, the Committee on Educational Policy endorsed three important steps to strengthen the performance review process. *First*, each college has been requested to justify or discontinue certain bachelor's degree major programs which produced fewer than ten degrees in 1969-70, and certain master's degree major programs which produced fewer than five degrees in 1969-70. The results of this current review of low degree production programs will be presented to the full Board of Trustees in November, at its next consideration of the revised academic master plans. *Second*, each college which has not already done so has been requested to establish formal performance review procedures for all existing degree programs, in order to assess periodically both the quantitative and qualitative viability of each undergraduate and graduate program in the total context of its offerings. And *third*, the performance review of existing degree major programs at the campus and system levels is recognized as a regular planning function and will be correlated with the annual revision of the academic master plans and reported to the Board of Trustees.

While it is likely that some low producing degree programs will be phased out, programs may qualify for retention if any of the following criteria are met:

1. There is evidence in terms of increasing numbers of students enrolled in the major that the production of degrees will soon increase considerably;
2. There is evidence that low degree production in 1969-70 represents a temporary fluctuation rather than a downward trend;
3. The program requires no courses for the major which are not also required for some other viable major or for fulfillment of General Education requirements; or
4. The program is a unique one not available to students at other State Colleges and is essential for the State Colleges to offer.

The Chancellor's Office and the Trustees are aware that an index of low production programs is only one measure of viability among many. Curricular decisions in these cases are complex and require care as well as common sense. However, limited resources and other changing conditions mandate a consolidation rather than an expansion of some curricular offerings. The main point at this time is that a variety of programs are being reviewed — but no final decisions have been made.

#### Continuation of Engineering Programs

At the April 27 meeting, the Committee on Educational Policy also reviewed enrollments, degrees granted, and cost data relating to engineering programs at Chico, Humboldt, and San Francisco. This information was compared with similar data from Long Beach and Sacramento.

Engineering education, one of the key professional areas among the offerings of the State Colleges, was the subject of a statewide study in 1967-68 by Frederick E. Terman for the Coordinating Council for Higher Education. As a result of this study, some State College programs were modified.

The current status report on engineering programs grew out of Trustee concern with the programs at these three campuses. The staff concluded that the engineering programs at Chico, Humboldt, and San Francisco have demonstrated satisfactory growth, and no formal Trustee action was considered necessary. While the Committee requested future copies of the reports on engineering programs which are annually submitted to the Coordinating Council, it indicated that no additional status reports need be made to the Board of Trustees.

Sincerely,



Glenn S. Dumke  
Chancellor