SALARY INCREASE WELCOME -- PRESIDENT KENNEDY

Although he is pleased with the proposed 7.5 per cent faculty pay increase included in the governor's 1972-73 budget request to the state legislature, Cal Poly President Robert E. Kennedy says faculty pressures for greater parity are building.

"After a two-year drought, any increase is a welcome one," Dr. Kennedy said in comment on the salary hike proposal included in the budget. "But even with the increase, which I am sure the Legislature will approve, many faculty members will be faced with economic hardships."

President Kennedy said some legislative pressure may develop to amend the faculty salary proposal for an additional increase, but that the prospect of a veto of any increase by the governor seems likely.

Labeling of the governor's budget as a "bad news budget" is a generalization that overlooks some of the good news included in funds for innovation, the 7.5 per cent salary increase, and the allocation of some capitol outlay funds, Dr. Kennedy said.

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CAL POLY PRaised BY H E W OFFICIAL

The number two man in the U.S. Department of Health, Education, and Welfare praised Cal Poly for its ability to adjust its educational programs to meet the changing needs of society, during an appearance at the college last Wednesday (Jan. 19) afternoon.

Undersecretary John G. Veneman, a former state assemblyman from Stanislaus County, then encouraged Cal Poly's faculty and administrative staff to continue their efforts to improve educational programs and opportunities for all of its students, regardless of their financial status, sex, race, or creed.

The federal official's remarks preceded a question and answer session during which he answered queries from a panel of San Luis Obispo County educational leaders and from the audience of nearly 300 persons who heard him.

He used the 90-minute campus appearance to discuss his views on such matters as the Higher Education Bill presently being considered by the House and Senate in Washington, the need for a reappraisal of secondary school education programs, national educational priorities, busing of school children, and long-term financing for public education.

President Robert E. Kennedy was moderator for the program and introduced Undersecretary Veneman. Panelists were Cuesta College President Merlin E. Eisenbise; County Superintendent of Schools William J. Watson; and Ronald E. Notley, superintendent of the San Luis Coastal Unified School District.
The Cal Poly president said the budget changes could too easily be labeled "trends" when they resemble "letting out a belt one notch after it was cinched tight for three notches earlier."

Particularly significant, he said, is the fact that the $350,167,004 governor's budget is based on an estimated 232,700 students for 1972-73. Those who predict larger enrollments can claim a reduced level of student support, but enrollments are more likely to be under the 232,700 estimate, according to experience this year, Dr. Kennedy said.

"The governor's budget cost per student of $1,505 would be 4.4 per cent higher than the current year," President Kennedy added. "Claims that the expenditure per student has decreased are based on incorrect or inflated estimates of next year's student enrollments." He said actual gains in the budget may be missed by focus on picket-line talk and salary demands.

"It is important that the legislature's understanding and support of higher education be maintained, and that our faculty's very real salary needs be presented in clearly justified ways. As a member of the board of directors of the American Association of State Colleges and Universities, I am desirous of seeing our California colleges regain their former position and ability to attract and hold the best-qualified faculty members.

"It is important for faculty, students and administrators to tell the budget story in clear, unemotional terms, and with the most accurate figures and facts available," Dr. Kennedy said.

**SUNDAY CONCERT SCHEDULED BY WOMEN'S GLEE CLUB**

The 75 voices of the Cal Poly Women's Glee Club will be featured in a program of music and song on Sunday (Jan. 30) at the Presbyterian Church, Marsh and Morro Sts., San Luis Obispo. The program will be presented in the Hart Building of the church starting at 5 p.m. The public is invited to attend. Admission will be free.

Under the direction of Harold P. Davidson (Head of the Music Department), the Women's Glee Club will perform such hymns and folksongs as Bless The Lord, O My Soul, the liturgical Latin composition Vere languores nostros, Michael Row the Boat, Scarlet Ribbons, and For All We Know. Also scheduled are several Cal Poly songs.

Joining the Women's Glee Club for the Sunday performance will be Cal Poly's Collegiate Quartet of male voices and the Women's Sextette, composed of vocalists from the larger glee club. The program will also include an informal talk by Rev. Edwin Girod, assistant pastor of the Presbyterian Church.

**SALARY WARRANTS WILL BE AVAILABLE ON MONDAY**

Salary warrants for faculty and staff will be available at 4 p.m. on Monday (Jan. 31), the last day of the January pay period. Warrants batched by department may be picked up at the Cashier's Office, Adm-131-C, and those picked up on an individual basis may be picked up in the Business Affairs Division Office, Adm-114.
"FLORENCE REPORT" TO BE REPEATED ON THURSDAY

A multi-media student program which was enthusiastically received on campus last fall will be repeated on Thursday (Jan. 27) at 11:10 a.m. in the Cal Poly Theater. This time the program is offered free to the general public as well as students, faculty and staff of the college. It will be a program of special interest to persons interested in travel, architecture, and overseas study.

Scott Carter, one of 17 Cal Poly students who spent last year in Florence, Italy, leads the group which produced "Sight, Sound Experience -- Florence Report." Colored slide photographs, recorded sound, and narration will all be used to describe student instructional experiences in the Italian city.

Carter, a fifth-year architecture, said the program drew such a favorable response for the large audience that saw it when it was presented on campus in November that it is being presented again so that others may see it.

The Cal Poly architecture students' year of study at the University of Florence was under the international studies program of the California State Colleges. More than 300 students from campuses throughout the state college system are currently involved in study programs at 20 universities in 11 different nations.

Some 40 Cal Poly students are involved in study programs at universities in Italy, Denmark, Spain, France, Thailand, Sweden, and Israel this year.

DISTINGUISHED SPEAKERS WILL ADDRESS CAMPUS AUDIENCES

The Cal Poly Convocation Series will bring two distinguished speakers of international stature to the college within the next two months, according to an announcement from President Robert E. Kennedy.

Norman E. Borlaug, recipient of the Nobel Peace Prize for development of a high-yield strain of wheat, is scheduled to come from his Mexico City home and laboratory to describe work that earned him the title of "Father of the Green Revolution."

Dr. Borlaug will speak in Chumash Hall of the Julian A. McPhee College Union at 11 a.m. on Friday, February 11. The 1971 Nobel prize winner will also meet with student groups during his day on the campus.

Dr. Kennedy also announced that the second speaker will be L.S.B. Leakey, the famous anthropologist who pushed the story of man back to 2,000,000 B.C. Dr. Leakey's African discoveries added a million years to man's history as a tool-making creature.

The internationally-renowned anthropologist will speak on "Adam's Ancestors--Evidence of Man's Evolution in Africa." He is scheduled to speak on the campus at 8 p.m. on Monday March 27.

Dr. Kennedy said the Cal Poly Convocation Series, open to the public without charge, has received an acceptance from a third speaker of international achievements, whose name will be announced when his speaking date has been established later during the current series.

(Continued on Page 4)
DISTINGUISHED SPEAKERS WILL ADDRESS . . . (Continued from Page 3)

Previous campus speakers in the Convocation Series have included architect Charles Luckman, astronaut Walter Cunningham, entertainer and drug education advocate Art Linkletter, and former Hungarian premier Ferenc Nagy.

Dr. Kennedy said that area schools and off-campus groups are particularly invited to join Cal Poly faculty, staff, and students in attending the public lectures in the convocation series.

Dale W. Andrews (Academic Vice President), who is chairman of the series, asked that schools intending to send large groups of students to attend the lectures notify his office to arrange for group seating or bus parking.

"The speakers in the Convocation Series are so well known that they generally attract a large campus audience," Dr. Andrews noted. "However, it is the College's intention to provide an educational service to the surrounding communities. The opportunity to hear speakers who are at the very top of their fields and who have important statements to make is one Cal Poly wishes to share with our neighbors."

Arrangements for the visiting lecturers are made by the college and student groups. Dr. Borlaug will be hosted by the Student Council of the School of Agriculture and Natural Resources. Further arrangements for Dr. Leakey's visit will be announced later.

"INFORMATION PICKETS" MUST OBSERVE CAMPUS RULES

President Robert E. Kennedy said he has been supporting the announced intention of the Cal Poly chapter of the United Professors of California to establish "information picketing" on campus.

Dr. Kennedy said that normally any group or individual wishing to distribute literature or other material on campus could do so as long as directives regarding the proper time, place, and manner were observed. The same regulations apply to campus groups, including faculty members as apply to off-campus organizations.

In general, the time, place, and manner regulations restrict distribution of materials to the College Union Plaza. For example, legal action was recently initiated against an off-campus commercial organization which placed advertising flyers on the windshields of vehicles in campus parking lots.

Dr. Kennedy said he was confident that any organization composed of Cal Poly faculty members would operate within the campus regulations governing distribution of materials.

COPIES OF TAX REPORT FORMS AVAILABLE IN PERSONNEL OFFICE

The Personnel Office has a supply of federal and state income tax report forms available for the convenience of college employees. Those who wish them may obtain copies of the reports by contacting the Personnel Office, Adm-110, 546-2236.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon Friday, Jan. 28, in the Office of Information Services, Administration-210.
COMING EVENTS

Cal Poly Women's Club Choral Section Meeting -- Tuesday, Jan. 25, 8 p.m. 144 Henderson Ave., San Luis Obispo. Meeting to be held at Mrs. Esther Steuck's home. Members invited.

Cal Poly Women's Club Books, Music and Art Section Meeting -- Thursday, Jan. 27, 9:45 a.m. 2422 Parkland Terr., San Luis Obispo. During meeting to be held in the home of Millie Bloom, Ena Marston will review three books -- Crystal Cave by Mary Stewart, Diet for a Small Planet by Francis Moore Lappe, and Last Whole Earth Catalog by the Portola Institute. Members invited.

Jazz-Rock Concert -- Thursday, Jan. 27, 11 a.m., Julian A. McPhee College Union Plaza. Performance by the Bakersfield Community College Jazz Bands; sponsored by Cal Poly's Music Department. Public invited.

Chamber Concert -- Thursday, Jan. 27, 11 a.m., Music Speech and Drama Building Room 218. Program by the Chamber Singers of California State College at Long Beach; sponsored by the Music Department. Public invited.

Poetry Reading -- Thursday, Jan. 27, 7:30 p.m., Julian A. McPhee College Union Room 203. Fred Rizzo will read contemporary poetry; sponsored by the Fine Arts Committee of Cal Poly's Associated Students, Inc. General admission tickets - students, 75 cents; all others, $1.


Cal Poly Women's Club Walking Section Meeting -- Tuesday, Feb. 1, 9 a.m. Swine Unit. Meeting for a walk around the animal and airport area of the campus. Members invited.

Varsity Basketball -- Tuesday, Feb. 1, 8 p.m., Men's Gymnasium. Cal Poly vs. Westmont College. General admission tickets - students, 50 cents; all others, $1.50.

Cal Poly Women's Club Newcomers Section Meeting -- Tuesday, Feb. 1, 8 p.m. 2033 Skylark Lane, San Luis Obispo. Meeting to be held in the home of Mrs. Marjory Johnson. Members invited.

Speaker's Forum -- Wednesday, Feb. 2, 1 p.m., Julian A. McPhee College Union, Chumash Auditorium. Socialist Linda Jeness will speak on "Social and Economic Conditions in the U.S."; sponsored by the Speaker's Forum of Cal Poly's Associated Students, Inc. Public invited.


Chemical Society Lecture -- Wednesday, Feb. 2, 8 p.m., Julian A. McPhee College Union Room 204. Dr. K. Trueblood of University of California at Los Angeles, will speak on "Symmetry of the Universe"; sponsored by the Cal Poly Chapter of the American Chemical Society. Public invited.

(Continued on Page 6)
TV COURSE PREMIER WILL BE SUNDAY

Sunday, Jan. 30, will be premier day for Cal Poly's new color television program series on flower arrangement. The 30-minute educational television programs will be aired at 11:30 a.m. each Sunday through mid-May, according to a joint announcement from Cal Poly and the stations which will air the series -- KSBW-TV, Channel 8, Salinas, and KSBY-TV, Channel 6, San Luis Obispo.

Viewers in communities as far north as Santa Clara County and as far south as Santa Barbara will be able to earn two units of credit by watching the programs and taking part in a final demonstration of their work. They will, of course, also be able to view the programs simply for entertainment and information.

Robert L. Gordon (Ornamental Horticulture Department) is the teacher for the 16 programs of the series, which he describes as "a discussion of the principles and uses of design in flower arrangements for party and home decorating."

Titled Flower Arrangement, the new television series was produced commercially as a joint effort of the Cal Poly extension program and the Ornamental Horticulture Department of the college's School of Agriculture and Natural Resources. Additional information about the programs and about pre-registration for the course can be obtained by contacting the Continuing Education Office, Adm-311, 546-2053.

COMING EVENTS . . . (Continued from Page 5)

Panel Discussion Program -- Thursday, Feb. 3, 11:45 a.m. Julian A. McPhee College Union Room 220. Panel discussion on "Is There a Counter Culture in the Making" presented as part of a series of programs sponsored by Cal Poly's School of Communicative Arts and Humanities. Public invited.

Jazz Concert -- Thursday, Feb. 3, 8:30 p.m. Men's Gymnasium. Big band sound jazz concert, featuring recording star Don Ellis; sponsored by the Assemblies Committee of Cal Poly's Associated Students, Inc. General admission tickets - students, $2.50; all others, $3.50.

Varsity Basketball -- Friday, Feb. 4, 8 p.m. Men's Gymnasium. Cal Poly vs. Chapman College. General admission tickets - students, 50 cents; all others, $1.50.

Varsity Basketball -- Saturday, Feb. 5, 8 p.m., Men's Gymnasium. Cal Poly vs. University of San Diego. General admission tickets - students, 50 cents; all others, $1.50.

College Theater Comedies -- Thursday-Saturday, Feb. 3-5, 8 p.m., Cal Poly Theater. Performances of two one-act satires, Edward Albee's American Dream, and Eugene Ionesco's Bald Soprano, presented by the College Union Drama Committee of Cal Poly's Associated Students, Inc. General admission tickets - students, $1; all others, $1.50.

DEFENSIVE DRIVER TRAINING SESSIONS SCHEDULED NEXT WEEK

The only defensive driver training sessions planned for the Winter Quarter will take place next Wednesday (Feb. 2) from 5 to 7 p.m., and Thursday (Feb. 3) from 3 to 5 p.m., in AgEngr-123. Successful completion of the driver training program is required of all members of the college faculty, staff, and student body before they can operate state vehicles. Those wishing to do so can attend either of the two sessions for next week.
INDEPENDENT BUSINESS SEMINAR LISTED

Independent businessmen and investors, beset by falling profits, rising costs and ever-proliferating regulations, will have a chance to reverse some of the gloomy trends toward a better '72 through a series of workshop seminars with experts at Cal Poly.

On three consecutive evenings, February 7, 8, and 9, members of the college business administration faculty, with the assistance of outside speakers, will attempt to show a way out of the maze through better tax preparation and planning and improved management techniques.

General Chairman Alex Madonna disclosed today that out-of-town speakers will include: Robert T. Parry, Los Angeles, vice president and economist, Security Pacific Bank; Jack Chiorini, Santa Cruz, president-elect of the Society of California Accountants; and Oscar Pfanner, Jr., Sacramento, immediate past president of the 2,400 member society, which is composed of public accountants and CPA's.

The seminars are co-sponsored by the School of Business and Social Sciences, the San Luis Obispo Telegram-Tribune and the Society of California Accountants as a public service. They will be held from 7 to 10 p.m. at the College Union, in Room 220 on Monday and Tuesday and Room 208 on Wednesday. They will be open to the general public and questions will be answered from the floor in popular language.

Because expenses incident to mailings, materials, and reproduction and refreshments (coffee breaks), a modest $5 registration fee will be charged but all speakers will work without expenses or honorariums. Attendance will be limited to size of the rooms.

Beside Edward H. Barker, (Dean of the School of Business and Social Sciences) participating members of Cal Poly's business administration faculty will include Paul Cone, Harold Miller, and Owen Servatius. Others taking part will be Arthur P. Bourdon, Jr., San Luis Obispo CPA and governor of District III of the Society of California Accountants; Fred Glen, San Luis Obispo CPA; and George Brand, editor of the Telegram-Tribune.

Further information about the seminars can be obtained by contacting the School of Business and Social Sciences, BA and E-127, 546-2704.

THAILAND INSPECTION TRIP

Dale W. Andrews (Academic Vice President) and Howard West (Associate Dean, Resources and Planning) returned last week from an inspection trip of Cal Poly's institutional development project in Thailand. The program, funded through a contract with the Agency for International Development, was initiated in 1967 to provide assistance to the Royal Thailand Government in the improvement of agriculture education.

Dr. Andrews and West held meetings with Warren Smith, former dean of agriculture and chief of party of the project, other Cal Poly team members, representatives of the Department of Vocational Education of the Thailand government, and members of the AID staff in Thailand. They also visited three vocational agriculture schools.

As part of their trip, Andrews and West also visited Taiwan and Indonesia where they met with Ministry of Education personnel regarding potential programs in engineering technology, industrial technology, and agriculture. They left on the inspection trip Jan. 2 and returned Jan. 20.
VACANT POSITIONS LISTED BY PERSONNEL OFFICER

Several vacant positions on the support staff of the college, an equal opportunity employer, have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the positions are posted on the bulletin board located outside the Personnel Office, Adm-110, 546-2236. Those interested in applying for any of the positions should contact that office to obtain an application form. The vacant positions are:

Clerical Assistant II-B ($492-$599), General Office, Business Affairs Division. Duties and responsibilities include typing, shorthand, machine dictation, telephone dictation, xeroxing, and general office support for all campus areas. Applicants must be high school graduates and have passed the General Clerical Test and be able to type 45 wpm and take shorthand at 90 wpm with one year of general office experience.

Departmental Secretary I-B ($517-$628), Welding and Metallurgical and Environmental Engineering Departments, School of Engineering and Technology. Duties and responsibilities include typing, filing, taking dictation and transcribing, preparing student payrolls, ordering and maintaining supplies, typing and duplicating hand-out materials, answering telephone and handling student inquiries. Applicants must be high school graduates and have passed the General Clerical Test. In addition, applicant must be able to type 45 wpm and take shorthand at 90 wpm, and have two years general office experience. (8 a.m. to 12 noon - Environmental Engineering; 1 p.m. to 5 p.m. welding and Metallurgical Engineering)

Clerical Assistant II-A ($228.50-$278), (Half time), Social Sciences Department, School of Business and Social Sciences. Duties include typing tests, course outlines, letters, and other items for faculty; collating, duplicating, and distributing materials; and other general office procedures. Applicants must be high school graduates, and have passed the General Clerical Test, they must also have the ability to type 45 wpm and also have one year general office experience. Applicants with shorthand experience desired.

Groundsman ($562-$651), Grounds Department, Business Affairs Division. Duties and responsibilities include keeping grounds clean and orderly; preparing and treating soils for planting and spading; raking leaves; hoeing weeds; performing general grounds maintenance work, and maintaining hoses, tools, supplies, and equipment in proper condition and repair. Applicants must have one year of full-time experience in flower gardening and general grounds maintenance work and knowledge of proper methods of planting, cultivating, and caring for hedges, shrubs, etc.

Intermediate Account Clerk ($228.50-$278), (Half time), Accounting Office, Business Affairs Division. Duties and responsibilities include assisting college accounts receivable clerk in maintenance of billing and providing workload support in other accounting department areas as required during annual operating cycle. Applicants must be high school graduates and have passed the General Clerical Test, and have one year experience in bookkeeping, cashiering, general clerical activities.

FOOD CONSULTANT WILL BE CAMPUS SPEAKER

Corris Guy, an independent food consultant, will be the guest speaker for a program to be held at 11 a.m. on Thursday (Jan. 27), in Chumash Auditorium of the Julian A. McPhee College Union under sponsorship of the Student Advisory Board of the Home Economics Department. Members of the student body, faculty, and staff are invited to attend the program.
WHO • • • WHAT • • • WHEN • • • WHERE ? ? ?

Nineteen faculty members of the School of Engineering and Technology attended the annual meeting of the Pacific Southwest Section of the American Society for Engineering Education at the Naval Postgraduate School in Monterey late last month. Program participants from Cal Poly included Archie Higdon (Dean of Engineering and Technology), who was moderator of a panel on "How Well Does Engineering Technology Education Suit Industry's Requirements?" Robert Adamson (Mechanical Engineering Department) was elected vice chairman for projects, and Wallace Reynolds (Engineering Technology Department) was reelected as secretary of the section.

Richard J. Krejsa, William Thurmond, and Dennis Frey (all Biological Sciences Department) attended the annual meeting of the American Society of Zoologists which met as part of the American Association for the Advancement of Science convention in Philadelphia on Dec. 26-31. Dr. Krejsa delivered a paper titled "Skin Shedding in Fishes: Novelty or Commonplace?" Dr. Thurmond gave a paper titled "Effect of Hypophysial and Hypothalmic Grafts on the Internal Tissue of Larvae of Xenopus Laevis." Also in attendance and presenting the results of his master's thesis was Robert A. Heinbach, Jr., a graduate student in biological sciences at Cal Poly.

Irving Siegal (Physics Department) and E. P. Jones of University of Toledo presented a paper titled "Electronic Bonding of Cu+ in Amorphous and Crystalline TeO2: EPR and Optical Spectra," at a meeting of the American Physical Society in Cleveland, Ohio, recently. Dr. Siegal and his co-worker, using electron paramagnetic resonance and optical spectroscopic techniques, investigated the electronic bonding of substitutional copper ions in the polymorphic TeO2 system in their preparation for the paper.

Alice M. Duffy (Women's Physical Education Department) completed all the requirements for the Doctor of Philosophy Degree at University of Southern California early this month. Her dissertation of Projection of Dance described the Phenomenon of projection in dance by utilizing a method developed by the existential phenomenologists. Dr. Duffy, who has been at Cal Poly since 1970, earned her BS degree at University of Illinois and her MA at San Francisco State College.

Irving Babow (Social Sciences Department) has been notified that his article titled "Can't You Hear the Narcs, Elena?" a sociological profile of a girl drug abuser, will be included in English Communications, a college textbook edited by Hazel Mohler and Elliot Roberts. The book is being published by Prentice-Hall. The article initially appeared in California Living, the Sunday supplement magazine of the San Francisco Examiner and San Francisco Chronicle.

David A. Lein (Industrial Technology Department) has been notified by University of California at Los Angeles that he has been granted the Doctor of Education Degree. His dissertation is titled Problems and Profiles of Administrators or Occupational Education in Rural Public Western Community Colleges. Dr. Lien is a lecturer teaching courses in electronics and power technology for the Industrial Technology Department.

Walter E. Elliott (Physics Department) has just learned from the Graduate College of the University of Arizona that all requirements for his Doctor of Philosophy Degree have been completed. Dr. Elliott has been a member of the Cal Poly faculty since early-1965.

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REVISED INCOME TAX RATES NOW BEING USED

The Revenue Act of 1971 has resulted in several changes in the federal income tax withholding rates on wages received after Jan. 16, 1972. The personal exemption has been increased to $750; the standard deduction increased to 15% with a $2,000 ceiling; and the low income allowance was increased to $1,300.

The recent changes were made to ease the under-withholding problems that had been felt especially by married couples. There are various changes the employee can make on his W-4, in order that the estimated annual gross will have a more nearly accurate deduction.

The Payroll Office (Ext. 2605) will have some information on this matter, but information on 'additional allowances' should be referred to the Internal Revenue Service in San Luis Obispo.

WHO . . . WHAT . . . (Continued from Page 9)

Robert L. Hoover (Social Sciences Department) has been notified that his article titled "Industrial Plants of the California Indians" has been selected for publication in Pacific Discovery, the magazine of the California Academy of Sciences. The article will appear next fall with photographs of California Indians taken by the late anthropologist S. A. Barrett.

David W. Hafemeister (Physics Department) has returned from a six-month appointment as research physicist at University of Groningen in The Netherlands. While there, Dr. Hafemeister presented a seminar in hyperfine interactions in solid state systems. He also delivered talks dealing with the interaction of science and society, one at Polemolargical Institute in Groningen, and the other at UNESCO Headquarters in Paris.

ACCOMMODATIONS FOR CHINESE NEW YEAR CELEBRATION DOUBLED

Accommodations for the Chinese New Year Celebration and Dinner, being planned for 6 p.m. on Saturday, Feb. 12, in Chumash Auditorium of the Julian A. McPhee College Union, are being arranged to seat double the number of last year, according to Russell Lowe, who is chairman of the event for the sponsoring Poly Chi Club.

In recent years many faculty and staff members were unable to get tickets for the event, which features an eight-course dinner of traditional Chinese and Chinese-American foods. Reservations for the dinner, which will cost $3.50, may be made with Lowe, 544-2389, or Mrs. Young Louis, 543-1445. A fashion and talent show will be featured during the evening.

BAKERSFIELD COLLEGE BANDS SCHEDULE CAMPUS CONCERT

Two jazz-rock stage bands from Bakersfield College will perform at 11 a.m. on Thursday (Jan. 27) in the Plaza of the Julian A. McPhee College Union. Conductor of the two bands will be Charles Wood, who is head of the community college's Music Department. The public is invited to attend Thursday morning's concert, which is being sponsored by the Studio Band of Cal Poly's Music Department. Admission will be free.
HISTORIC CONTRACT LINKS GUATEMALA AND CAL POLY

Cal Poly President Robert E. Kennedy joined Mario Martinez, the minister of agriculture of Guatemala, in signing an historic contract in Guatemala City in late December. The contract, an Institutional Development Agreement, provides for continuation of programs aimed at improving agriculture in Guatemala which Cal Poly began in 1967.

The historic difference in the contract is that it is between the Latin American nation's Ministry of Agriculture and the college. Work previously was done under a contract between the college and the Agency for International Development of the United States Department of State. Financial assistance for the program will still be provided by AID.

The new contract between Guatemala's Ministry of Agriculture and Cal Poly is the first of its kind in Latin America under AID sponsorship. There are to be five other similar contracts in other areas of the world.

Dr. Kennedy states the purpose of the new form of contract is to provide more "autonomy to the college and the recipient nation in developing goals and objectives of the programs." The contract covers five years, but is dependent upon funding each year.

Under terms of the agreement, two full-time technical advisers from the Cal Poly faculty will continue to function in Guatemala in roles very similar to those they have filled since 1967. Additionally, other faculty will provide technical know-how during short-term visits to the nation.

Adams, McCollaugh Will Continue

Kermit Adams, program director in Guatemala for Cal Poly will continue in his work at the Institute of Technical Agriculture at Barcena and will add responsibilities for advising in the development of high school level vocational agricultural programs and for expansion of the 4-S program, Guatemala's counterpart of 4-H Clubs.

Robert E. McCollaugh will continue with supervision of the mobile school program and will work in the expansion of a new concept, fixed teaching centers in which graduates of the mobile school program can add to their technical agricultural knowledge.

The mobile school program began in 1967 with one unit and a budget of $4,500 per year financed by Guatemala's Ministry of Agriculture. Today, 16 Guatemalan technicians man the 5 mobile schools and the Ministry of Agriculture's budget for the operation is $250,000.

The mobile schools and the fixed teaching centers are all manned by graduates of the Barcena School. Two fixed teaching centers were established in 1971, two more are being organized this year, and two are planned for 1973.

Dr. Kennedy pointed out that participation in the overseas programs is a two-way street for Cal Poly. Faculty members participating overseas, either in short-term or long-term capacities, bring back knowledge of cultures, technical developments, and life science understandings which they share with the faculty and students of the college.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon Friday, Jan. 28, in the Office of Information Services, Administration-210.
500 EXPECTED FOR FISHERIES, WILDLIFE CONFERENCE

Five hundred guardians of the nation's fish and wildlife will gather at Cal Poly on Friday and Saturday (Jan. 28-29) for the joint conference of the Western Section of the Wildlife Society and the California-Nevada Chapter of the American Fisheries Society. The conference will be held in the Cal Poly Theater.

N. B. Livermore, Jr., secretary, California Resources Agency, will set the tone of the conference in his keynote address, "The Importance of Wildlife to Man" at the opening session on Friday morning.

William L. Reavley, director of field services, National Wildlife Federation, will discuss "The 1971 Environmental Quality Index" at a banquet Friday night at Elks Lodge in San Luis Obispo.

In the campus educational sessions on Friday, the participants will be updated on the California Water Project and on the effects of man on the environment. In specialized sessions, wildlife management people will discuss problems of specific species while the fisheries contingent will hear reviews of situations at major lakes in Africa.

On Saturday morning, the general session will be devoted to "Some Solutions to Pollution" and will cover subjects such as water quality control, agricultural waste disposal, heavy metals in sea birds, and solid waste disposal. A portion of the general session will be devoted to the effects of man on fish and wildlife.

The campus sessions of the conference are jointly sponsored by the participating societies and the Natural Resources Management and Biological Sciences Departments at Cal Poly.

EDUCATION CENTER WILL BE SITE FOR STAFF CLUB PARTY

The Cal Poly Staff Club's "Gardena Night" party will be held at the County Schools Education Center located on Highway 1 some 6 miles north of Cal Poly beginning at 7:30 p.m. on Saturday (Jan. 29), according to Howard Brown (Head of the Ornamental Horticulture Department), who is chairman of the event. He urged members of the college staff and faculty, whether a member of the Staff Club or not, to attend and enjoy the event.

Dr. Brown says tickets for the stag party must be obtained by Thursday (Jan. 27). Priced at $1.50 each, they may be purchased from Robert Adams (Chief of Plant Operations), Fuad Tellew (Head of the Economics Department), Brown, Donald Morgan (Head of the Industrial Engineering Department), Robert Mott (Head of the Men's Physical Education Department), Robert Bostrom (Director of Housing), and Frank Blake (Cal Poly Foundation Accounting Officer).

ALIEN ADDRESS REPORTS DUE MONDAY

Every person who is not a citizen of the United States is required to report his or her address to the federal government each January. Copies of Form I-53, Alien Address Report Card, which should be used to file such a report, are available at Post Offices and U.S. Immigration Service Offices during the month of January. They must be filled out and taken (not mailed) to any Post Office before next Monday (Jan. 31).
MUSTANG WRESTLERS, CAGERS SLATE HOME CONTESTS

A trio of important home sports contests are on tap this week for Cal Poly sports fans. The week will open tonight (Tuesday, Jan. 25) when the varsity wrestling team hosts San Francisco State College's matmen and close on Saturday (Jan. 22) night when the varsity basketball team hosts University of California at Riverside. The Mustang wrestlers will host San Fernando Valley State College in the week's other featured event.

Coach Vaughan Hitchcock's wrestlers will be seeking their 103rd consecutive win over California opponents when they host the San Francisco State team. They tuned up for the week's action when they trounced California State College at Fullerton (37-2) and Stanford University (36-10) last week. Those victories upped the Mustang's 1971-72 dual meet record to 4 wins and 2 losses. Both wrestling matches will take place in Men's Gymnasium starting at 7:30 p.m.

Saturday evening's basketball game will find the Mustangs returning to California Collegiate Athletic Association play after recording one win and one loss in a week-long vacation from league games last week. They whalloped nationally-ranked Louisiana State University at New Orleans (96-81) and were defeated (103-90) by cross-state rival Fresno State, and now own an 8-7 won-lost record for the 1971-72 season. Gametime for the Cal Poly-UCR game will be 8 p.m. in Men's Gym. The only other home action slated for Cal Poly teams will find Swimming Coach Dick Anderson's charges meeting CCAA opponent UC Riverside in a dual meet scheduled for 11 a.m., Saturday in the pool adjacent to the Men's Gym.

Three Cal Poly spring sports teams will open their 1972 seasons soon after Feb. 1. Coach Augie Garrido's varsity baseballers will open their campaign against an Alumni team on Feb. 6. Coach Ed Jorgensen's varsity tennis team will open against University of California at Santa Barbara on Feb. 9, and Coach Bill Hicks varsity golfers will open against Cuesta College on Feb. 14.

CHEMICAL SOCIETY LECTURE SCHEDULED NEXT WEDNESDAY

"Symmetry of the Universe" will be the topic of a lecture given by K. N. Trueblood on campus next Wednesday (Feb. 2). Dr. Trueblood, sponsored by the American Chemical Society chapter at Cal Poly, will speak in Room 204 of the Julian A. McPhee College Union, beginning at 8 p.m. Admission is free and the public is invited.

Dr. Trueblood is dean of the College of Letters and Science at University of California at Los Angeles. The recipient of UCLA's Distinguished Teaching Award in 1961, he earned his doctorate in chemistry at California Institute of Technology.

C S E A CHAPTER SETS DATE FOR "SOUTH OF THE BORDER"

The night of Feb. 26 has been established by Cal Poly Chapter 97 of the California State Employees Association for its "South of the Border" party. The organization's spring social event will take place at the Veteran's Memorial Building in San Luis Obispo beginning at 6 p.m. Additional information about the party and tickets will forthcoming, according to an announcement from the chapter.
### SUMMARY OF 1972-73 FISCAL REQUESTS BY THE BOARD OF TRUSTEES, THE CALIFORNIA STATE COLLEGES, AND THE GOVERNOR’S BUDGET AS PRESENTED TO THE CALIFORNIA LEGISLATURE

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<th>1972-73 Appropriation</th>
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<tr>
<td>$318,692,616(a)</td>
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<td>Benefit Improvements</td>
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(a) Includes $2,000,000 from the previous year for library book acquisitions; also $700,000 in additional night shift differentials and $175,000 in additional premium overtime pay.

(b) Governor’s Budget states additional capital outlay may become available in 1972-73 as the result of passage of tax reform in December, 1971. “Because of the late enactment of the measure, the 1972-73 Capital Outlay budget does not include the effects of this legislation,” the Governor’s Budget states. “As appropriate, a detailed schedule of projects reflecting the proposed use of any additional capital outlay funds will be submitted to the Legislature.”

(c) Estimated cost of Trustees’ proposals for all employees. The proposals for administrative and support staff personnel are those approved by a Trustees’ subcommittee, to be acted on by the full Board of Trustees January 26, 1972.

### HYPOTHESIS TESTING WILL BE SEMINAR TOPIC

"Statistical Hypothesis Testing" will be the topic of a talk to be given by John Rogers at 11 a.m. on Thursday (Jan. 27) in CompSci-256. The talk is part of a seminar series being sponsored by the Computer Science and Statistics Department. Faculty and staff are invited to attend.

### "CHANCELLOR COMMENTS" COPIES BEING DISTRIBUTED

Copies of the January 20 issue of the Chancellor Comments, a newsletter published by Chancellor of the California State Colleges, Glenn S. Dumke, arrived on campus this week and are being distributed to members of the faculty and staff as an attachment to this issue of Cal Poly Report.
TO THE PRESIDENTS, FACULTIES, ADMINISTRATIVE AND SUPPORT STAFFS, AND STUDENTS OF THE CALIFORNIA STATE COLLEGES:

Support Budget

The Governor's Budget, as presented to the Legislature, projects a number of improvements vital to The California State Colleges in 1972-73.

I am greatly pleased at the recommended allocation of $4.5 million for program innovation and improvement of which $3 million is for educational development. This, coupled with a recently approved grant to the State Colleges from the Carnegie Corporation, opens the way for timely, creative innovation in The California State Colleges that is without parallel anywhere in the country. The recommendation — which is considerably beyond the Trustees' request of $600,000 — underscores confidence in a program of new approaches I proposed early last year. This program would permit students both acceleration and flexibility in their collegiate careers far beyond our traditional ability to offer such access. It would permit the colleges, through availability of planning and "new start" funds to make more effective use of resources, and to extend degree-earning opportunities for qualified students unable to enter our regular on-campus residence curricula.

The California State Colleges are operating at austere levels. Although the budget proposals submitted to the Legislature are substantially less than those recommended by the Board of Trustees, improvements in fundamental aspects of our budget can only be regarded positively. One favorable index is a projected 4.4 percent increase in the level of support per full-time equivalent student. This would reach $1,505 in 1972-73, and would represent the first such increase in three years.
Precise impact of the proposed budget will vary among the campuses, and is currently being assessed at the individual colleges. Classes will continue to be large. Certain programs will need to be deleted from planned schedules, making it difficult for some students to meet their individual graduation timetables. The student-faculty ratio, a measure of the colleges’ ability to provide personalized contact between learners and teachers, regrettably would remain at its present high level.

The Governor’s Budget specifies capital outlay funds to meet crucial immediate needs. I am hopeful additional funds, made possible by enactment of tax reform late in the 1971 legislative session, will become available to finance construction of important buildings needed to meet anticipated enrollment growth and to eliminate serious deficiencies in support facilities.

The faculty has received no general salary increase in the past two years. The proposed 7.5 percent salary increase for next year, while a significant forward step, still leaves a wide gap between salaries of State College faculty members and those at similar institutions elsewhere in the country. We will continue our efforts to rectify this condition.

The Governor’s Budget does not include the $3.3 million in State Educational Opportunity Program grants requested by the Trustees. Students in this program have demonstrated success, and the program has proved itself worthy of support. It is assumed these funds will be replaced by other student financial aid funds. However, if these funds do not become available, it will create severe hardships for more than 11,000 projected EOP students and others dependent upon financial aid.

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### Carnegie Grant

In connection with our work toward securing outside developmental funds for new programs, we have received word that our grant proposal requesting $451,428 for pilot projects under the
"New Approach" has been approved by the Carnegie Corporation of New York. As a result, we now have the means to move forward with several very worthwhile and far-reaching programs.

Specifically, we will implement projects involving innovative approaches to instruction and evaluation on three campuses — Bakersfield, Dominguez Hills, and San Francisco — as well as a systemwide program. Though the approaches vary in detail, all stress the need to make it possible for students to accelerate their progress toward the bachelor’s degree by new certification procedures and instructional techniques apart from the standard lecture-discussion and laboratory courses.

The projects will extend over an 18-month period, and have been designed so that at the end of that time they can continue, as appropriate, through normal State funding. As the success of these projects becomes apparent, we will seek to extend their basic concepts to other colleges and programs.

Funding is to be allotted as follows under the newly-approved program: Bakersfield, $152,970; San Francisco, $117,687; Dominguez Hills, $88,731, and the systemwide component, $92,040. The State College system will contribute more than $600,000 in matching funds and services during the period of Carnegie assistance. Our proposal for the grant was developed with the aid of a $15,000 Carnegie planning grant.

Computer Network

Two developments recently have occurred which considerably broaden the scope of our computer operations.

A network linking UCLA’s main computer to our data processing system has been completed. The link-up gives State College students and faculty access to one of the world’s most advanced and powerful computers.

Primary links in the new system, which has been in the testing stages since July, are between UCLA’s IBM 360/91 computer and our two regional data centers — the northern one at San Jose State and the southern one at Cal State Los Angeles. Each regional center has a CDC (Control Data Corp.) 3300 computer, which in turn is linked to remote “batch processing” terminals on the campuses in its service area. This new link-up greatly shortens the amount of time needed to process large scale, complicated, or highly specialized computer problems.

Our computer network also will have a timesharing capability next month. With the addition of a CDC 3170 computer, located at San Fernando Valley State College, students and faculty will have access to a facility that is a highly desirable part of any educational program.

Timesharing permits a considerable degree of two-way (interactive) communication between the user and the computer, and offers a very practical means of supporting a wide range of educational tasks. The user feels he has the full capability of the computer at his disposal, and therefore can develop a program in accordance with his specific needs.

The timesharing computer system permits cooperative use of a computer by many and varied users. For example, a student from Humboldt and another from San Diego, working on unrelated projects, could use the facility simultaneously. In fact, it is possible that two users could instantaneously exchange their computer programs within the central computer to provide each other with additional tools to pursue their individual instructional programs.
Our systemwide computer network, already the largest and most advanced education distributed network in the U.S., is proving invaluable in the support of our instructional and administrative programs.

Conference on External Degrees

Our systemwide conference on external degree programs, held at Kellogg West last month, was in my opinion a great success. Administrators and faculty from each of the campuses participated in the three days of panel and workshop sessions.

The real success of the conference, of course, will be measured by the number and quality of pilot programs devised by the campuses. I have asked the Presidents at their recent meeting to convene the faculty members and administrators from their campuses who participated in the conference. These groups, acting on the ideas growing out of the conference discussions, will be asked to address themselves to the question: "What can we do at this college to develop external programs leading to degrees and professional certificates?"

In addition, the Presidents have agreed to the establishment on each campus of a commission on external degree programs. We envision these commissions, representative of faculty and administration, as the groups which will do at the local level what our systemwide Commission on External Degree Programs has been doing at the statewide level. There is a need to have on each campus an identifiable group which will serve as liaison with the systemwide commission; a group which will have the energy, interest, and knowledge to get the program moving. Support for this effort also has been received from the Statewide Academic Senate and the Deans of Continuing Education.

At the system level, I will be recommending to the Board of Trustees this month that certain technical roadblocks be removed from Title 5 of the State Administrative Code. These changes will, in essence, afford flexibility that will permit the colleges wide latitude in undertaking pilot programs.

I am confident that we will have a sizeable number of additional local pilot projects next fall, as well as several statewide programs offered by consortia of State Colleges, which will offer certificate and degree programs to certain groups of students.

Sincerely,

Glenn S. Dumke
Chancellor