



Bill passed allowing fee waiver for employees taking classes....

◀ Cal Poly President Robert E. Kennedy has sent a memorandum to Glenn S. Dumke, Chancellor of The California State University and Colleges as follows:

It was with extreme pleasure that I noted that the Legislature recently passed and the Governor signed Assemblyman Arnett's AB 3958, a Board of Trustee's Bill which allows the Trustees to eliminate or provide reduced fees for California State University and Colleges employees attending on-campus classes.

This legislation makes possible a significant benefit to CSUC employees, particularly support staff personnel, by providing a basis for meaningful in-service training and personnel development programs. In view of the positive effect that this could have, particularly upon the morale of staff support personnel, I encourage early action to implement the provision of this piece of legislation by its effective date of January 1, 1975. I would like to see the matter scheduled as a discussion item at the Council of Presidents meeting on October 28 and 29, and referred to the Board of Trustees for action at its November meeting. I favor elimination or maximum reduction of all fees on a systemwide basis for CSUC employees taking courses which are determined at campus level to either be job related or a part of a formalized career development program. If it would be helpful, I would welcome an opportunity to assist in the development of the guidelines for implementation of this piece of legislation.

◀ FINNISH STUDENT IS ROTARY SCHOLAR AT POLY

A 22-year-old engineering student from Finland is the first Rotary International scholar to ever enroll at Cal Poly. Heikki Pahlman was nominated for the prestigious scholarship award by a Rotary Club in Tampere, his home town, and began his studies at Cal Poly last month after nearly three months of language study in Los Angeles. Pahlman, whose mother is a secretary and whose late father was a power plant technician, is a native of Tampere, Finland's second largest city.

A junior in electrical engineering, Heikke attended lower schools in Tampere before studying at Tampere University of Technology and Tampere University for the past two years. He does not mind comparing the universities he has been attending in Finland and Cal Poly. He finds both similarities and differences. "Students are taken better care of in California," Pahlman declares, "but the courses are more difficult. Fortunately you don't have to take as many at a time as we do in Finland." He expects to return to Finland and his university studies when he completes his year of study at Cal Poly in June.

◀ RETIREMENT PLANNING WORKSHOP SCHEDULED



The California Department of Transportation and Cuesta College have scheduled a seven-session retirement planning workshop and have invited those interested individuals on the Cal Poly staff to attend. However, space at the day sessions at the Department of Transportation is limited and will be reserved only for the first ten who make reservations by phoning Mary Smith (Personnal) at Ext. 2236. A reservation is not necessary for the Cuesta College sessions.

- Session 1: Oct. 23, DOT District Conference Room, 9 to 11 am; 2 to 4 pm, "Your Retirement Income and Health Insurance" Louis Larsen, PERS Los Angeles Area Office Manager
- Session 2: Oct. 23, Cuesta College, Room-2402, Science Forum Building, 7 to 10 pm "What Will You Do Tomorrow: Retread or Retreat; The Best Time of Your Life" Jeannette Duncan, David Braga of Morro Bay Recreation Department, Jim Gall, Director Volunteer Activities R.S.V.P. Eddy Laine, Director E.O.C., San Luis Obispo County
- Session 3: Oct. 25, DOT District Projection Room, 9 to 11 am; 2 to 4 pm "Social Security Benefits and Medicare" Mr. Albert Gillesby, Assistant District Manager, San Luis Obispo Social Security Office
- Session 4: Oct. 30, Cuesta College, Room-2402 of Science Forum Building, 7 to 10 pm "Battle of the Bulge Vs. the Budget" Lorraine Hensel, Home Economist "Is Bunko Bunk" Captain Arnie Goble, San Luis Obispo County Sheriff's Dept.
- Session 5: Nov. 1, DOT District Conference Room, 9 to 11 am; 2 to 4 pm "Internal Revenue Service" Public Affairs Officer, IRS, Los Angeles
- Session 6: Nov. 6, Cuesta College, Room-2402 Science Forum Building, 7 to 10 pm "Investing Wisely" Donald Waller; Bateman, Eichler Stockbrokers "Opportunity in Real Estate" William Broadbent; Arnett and Broadbent Realtors "I Bequeath - Wills and Estate Planning" Douglas Hilton, Attorney
- Session 7: Nov. 8, DOT District Projection Room, 9 to 11 am; 2 to 4 pm "State Franchise Tax" Audit Supervisor, Santa Barbara Area, State Franchise Tax Board

◀ JULIAN CAMACHO WILL SPEAK AT POLY

Julian Camacho, Democratic candidate for the 16th Congressional District, will speak at Cal Poly on Tuesday (Oct. 29). Camacho's speech, which is sponsored by the Political Action Club of Cal Poly, can be heard at 11 am in Room 220 of the University Union. Camacho, the son of a Chicano farmworker and now an analyst for Memorex Corp. in San Jose, easily defeated his two Democrat opponents in the June primary. He will get his second chance to unseat 12-year Congressman Burt W. Talcott in the November election. Camacho is a native of Lompoc and was raised in Monterey and San Luis Obispo Counties. He is currently a member of the Santa Cruz Board of Education and of the Regional Coastal Commission.

◀ ARCHITECTURE AND DESIGN BOOK SALE AT BOOKSTORE

A special subject book sale featuring books on architecture and interior design will be held in El Corral Bookstore commencing on Tuesday (Oct. 22). Mary Lee Green (Manager, El Corral) said that a large number of special titles not normally sold at El Corral have been ordered and will be sold at low sale prices. Quantities are limited, and interested faculty and staff should review the books early, to avoid disappointment.

"THE FRONT PAGE" TO OPEN THEATRE SEASON



The Front Page will be the first of three plays to be featured by the Speech Communication Department during the 1974-75 theatre season when it is presented on Nov. 7, 8, and 9, at Cal Poly. Written by Charles MacArthur and Ben Hecht, who were prominent literary and theatrical men in New York during the 1920's and 30's, The Front Page is being directed by Murray Smith (Speech Communication). It is an action-comedy-drama of the newspaper and political circus of the late twenties in Chicago.

Scheduled later in the year are An Enemy of the People and The Physicists, both under the direction of Michael Malkin (Speech Communication), who joined the faculty this fall. An Enemy of the People, written by Henrik Ibsen and adapted by Arthur Miller, will be presented on Feb. 20, 21, and 22. It is about one man's battle against the greed and ignorance of the majority as he fights for what he knows to be right. The Physicists, by Freidrich Duerrenmatt, is about a madhouse with three nuclear physicists as inmates and the safety of the world at stake. It will take place May 22, 23, and 24. All three will be presented at the Cal Poly Theatre with curtain time at 8 pm. Ticket information can be obtained by telephoning Ext. 2486.

◀ APPLICATIONS FOR INTERNATIONAL PROGRAMS RESIDENT DIRECTORS

Applications are invited for full-time assignments in France, Germany, Italy, Spain, and Sweden, and for part-time (1/5) positions in Japan and United Kingdom. The deadline for submission of new applications is Jan., 1975. Appointments are now made a year in advance of the year to be spent abroad. The selection process for the 1976-77 appointments will take place from Oct. 1, 1974, to May 1, 1975. Former applicants who requested that their files be kept active will automatically be considered for the 1976-77 appointments.

Information and application materials may be obtained on campus from each School Dean, or off campus from the Office of International Programs, The California State University and Colleges, 5670 Wilshire Boulevard, Los Angeles 90036; ATSS Tel. 8-627-2351, attention: Bernice Crock.

◀ TEACHING CREDENTIAL CANDIDATES TO MEET

William Armentrout (Coordinator of Credential Advisement, Education Department), Richard Jones (Coordinator of Curriculum and Field Work, Education Department), Allen Miller (Coordinator of Liberal Studies), and representatives from other departments with teaching majors will present information and answer questions pertaining to entry into and completion of the teaching credential program at Cal Poly. The meeting will take place on Thursday, Oct. 31, at 11 am in Ag. Engr. 123. Students interested in elementary or secondary school teaching in Biological Sciences, Child Development, English, History, Home Economics, Industrial Arts, Journalism, Liberal Studies, Mathematics, Physical Education (Men and Women), Physical Science, Social Science and Speech Communication should be particularly encouraged to attend.

◀ HOME ECONOMICS SEMINAR SCHEDULED



Twenty business and industry representatives will take part in a seminar for home economics students which will be held on Wednesday and Thursday (Oct. 23-24) at Cal Poly. The third annual Home Economics Seminar will include panel discussions and other sessions during which students will have an opportunity to learn more about how modern day businesses and industries use home economists in their operations. Also planned during the two-day program, which is sponsored by the Home Economics Department and student advisory board, is a luncheon which will be held at 11 am on Thursday in Chumash Auditorium.

◀ POTTERY SALE TO BENEFIT KCPR

The second annual KCPR (Cal Poly student FM radio station) benefit pottery sale will occur Saturday and Sunday (Oct. 26 and 27) in the back yard of the P.K. Phillips residence at 676 Pismo Street (which is located adjacent to the St. Stephen's Church parking lot). The sale hours are from 10:30 am to 4:30 pm on Saturday, and from 12 noon to 4:30 pm on Sunday.

Twenty percent of all sales will be donated to KCPR for their continuing equipment needs and operational expenses. Participating potters include Mike Howard, Don Lower, Bob Nichols, P.K. Phillips, Alice Sennett, Terry Simon, Bill and Ann Toller, and Tracy Townsley. In addition to functional pottery, plants will also be on sale.

◀ FILIPINO DANCERS WILL ENTERTAIN

Native dances of the Philippines, performed by a troupe of theatrically trained dancers from Stockton, will relate Philippine culture to San Luis Obispo area residents at Cal Poly on Sunday (Oct. 27). The Luzviminda Dance Troupe, comprised of 25 young Americans of Filipino descent will relate Philippine custom and culture through the dances. The program will begin at 4 pm in the Cal Poly Theatre.

The Cal Poly student Filipino Cultural Exchange Society which is sponsoring the show through the Ethnic Programming Board of the A.S.I., invites the public to the performance. General admission tickets will be \$3 for non-students, \$1.50 for Cal Poly students.

◀ POLY GRADUATE WINS DAIRY AWARD

The naming of a Cal Poly graduate as the winner of the Dairy Shrine Club student recognition program for 1974 was detailed in the Sept. 25 issue of Hoard's Dairyman, a national magazine serving the dairy industry. The one and one half page story prepared for Hoard's by Charlie E. Mendenhall (Public Affairs) pointed out that Dale Matheron of Hilmar, a Dec., 1973 graduate, "never wanted to be anything but a dairyman" and that he felt his Cal Poly experience made it possible to look objectively at the family dairy operation. Since graduation Dale has been in partnership with his father Franklyn and brother Duane in the Hilmar Holsteins dairy operation. As a student, Dale was a member of the national champion dairy cattle judging team, and was a member of the national champion dairy cattle judging team, and was named as one of the three outstanding seniors in the dairy science program.

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

Jack B. Jones, Malcolm W. Wilson, and Margaret J. Glaser (all Education) attended a meeting of the California Professors of Reading at Cal Poly Pomona on Oct. 11. At that meeting they joined in discussion with other reading professors in California universities and colleges on mutual problems in implementing the reading specialist credential program and exchanged ideas for overcoming these problems.

Michael R. Malkin (Speech Communication) has had a play accepted for publication by the Performance Publishing Company in Elgin, Ill. The play is an adaptation of The Barber of Seville.

John C. Reinard (Speech Communication) has received word that he has successfully completed all requirements for the Doctorate in Speech Communication. Dr. Reinard is a new member of the Speech Communication Department faculty, beginning his assignment Fall Quarter 1974.

Robert L. Hoover (Social Sciences) attended the third Gran Quivira Conference in Santa Barbara on Oct. 10-12. The conference was a meeting of historians, ethnographers, and archaeologists interested in research in the Spanish colonial period in the Americas.

Irving P. Babow (Social Sciences) attended the third annual seminar on language on the theme, "Living English: Language in the Schools," at Cal Poly Pomona on Oct. 12-13. Babow presented a paper on "Sociolinguistics of Sexism in Everyday Speech" and was a leader of a workshop on language and sex roles.

J. M. (Mac) McRobbie (Head, Industrial Technology) was a participant in the Sept. 25-27 annual convention of the National Association of Industrial Technology at the University of Wisconsin--Stout at Menomonie. Major topics of the convention were accreditation of bachelor of science programs and meeting industry's need. The N.A.I.T. has been authorized by the National Commission on Accrediting to accredit baccalaureate programs in industrial technology.

◀ VACANT FOUNDATION STAFF POSITIONS

The following vacancies are listed on the Foundation staff of the university, as announced by Jack L. Fryer (Foundation Personnel Officer). Interested persons may call at the Foundation Personnel Office, UU 212, ext. 1121, to make application. Cal Poly is an Affirmative Action Employer. The positions are:

SCIENCE INSTRUCTOR (\$8,600-\$9,030/annual), High School Equivalency Program. Person to instruct high school dropouts of migrant or seasonal farmworking background. Must have ability to develop individualized program of instruction to include a wide variety of science materials, science terminology and a knowledge of the basic concepts in science. Prefer applicants with a minimum academic preparation of graduation from college (B.A., B.S.), with at least one year of successful teaching experience. Preference will be given to applicants knowledgeable in the area of migrant education with fluency in English as well as Spanish and/or Navajo.

READING AND LITERATURE INSTRUCTOR (\$8,600-\$9,030/annual), High School Equivalency Program. Person to instruct high school dropouts of migrant or seasonal farmworking background. Must have ability to develop and implement reading systems, comprehension and interpretation of literary material; work in conjunction with Grammar Instructor in the development of language skills program. Prefer applicants with a minimum academic preparation of graduation from college (B.A., B.S.), with at least one year of successful teaching experience. Preference will be given to applicants knowledgeable in the area of migrant education with fluency in English as well as Spanish and/or Navajo.

COUNSELOR/PLACEMENT (\$9,000-\$10,912/annual), High School Equivalency Program. Person to instruct high school dropouts of migrant or seasonal farmworking background. Must have ability to develop vocational-career and educational opportunity information program for HEP students; assume responsibility for vocational counseling re career, vocational and educational opportunities, aid with applications and placement, including the planning of field trips. Prefer applicants with an M.A. in Guidance and Counseling with two years of successful experience as a counselor in human relations or educational capacity; one year's experience in placement desired. Preference will be given to applicants knowledgeable in the area of migrant education with fluency in English as well as Spanish and/or Navajo.

◀ GERMAN "OCTOBERFEST" LUNCHEON AT VISTA GRANDE

A special "Octoberfest" luncheon featuring selected German food will be held at Vista Grande Restaurant on Wednesday (Oct. 23) between 11 am and 2 pm. Mr. John Lee (Director, Food Services) has announced that the menu will consist of sauerbraten (pot roast of beef), salzkartoffeln (boiled potatoes), bayerisches kraut (bavarian cabbage), braun brot (brown bread), kuchen mit streusel (apple kuchen with streusel topping). The cost of the "Octoberfest" will be \$1.95.

◀ SUPPORT STAFF VACANCIES LISTED

Vacant support staff positions have been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, ext. 2236. Contact the Personnel Office to obtain an application. Cal Poly is an Affirmative Action Employer. The positions are:

Clerical Assistant II-B (\$301.50-\$367.00) Half-Time, Mechanical Engineering Department, School of Engineering and Technology. Duties and responsibilities include taking dictation, transcribing, typing, collating, stapling, xeroxing, thermofaxing, and filing. Applicants must be high school graduates with at least one year of office experience, have taken the General Clerical Test, type 45 wpm, shorthand 90 wpm. Closing date: October 29, 1974.

Intermediate Account Clerk (\$561-\$682) (Temporary Help), Accounting Section, Financial Management Department, Business Affairs Division. Duties and responsibilities include under direction performing clerical duties in the sub-sections of the Accounting Section such as accounts payable, accounts receivable, housing and cashing; keeping various financial records and making arithmetical calculations, operating calculator, and typing. Applicants must have taken the General Clerical Test, be high school graduates with at least one year of experience, preferably in keeping or reviewing financial or statistical records. Closing date: October 29, 1974.

Clerical Assistant II-A (\$561-\$682), Social Sciences Department, School of Business and Social Sciences. Duties and responsibilities include typing, filing; receptionist work, supervising student assistants, maintaining accounts, etc. Candidates must be high school graduates, prefer junior college or business school graduates, with one year of general office experience, must have taken the General Clerical Test, type 45 wpm. Closing date: October 29, 1974.

Clerical Assistant II-A (\$561-\$682), (Temporary Help), Library, Circulation Section, Academic Affairs Division. Duties and responsibilities include performing clerical duties such as charging and discharging books; filing and other circulation activities; assisting with overdues and fines procedures; and performing other duties as required. Candidates must have taken the General Clerical Test, type 45 wpm, with one year of office experience. Closing date: October 29, 1974.

Building Service Engineer (\$1,073-\$1,243), Plant Operations Department, Business Affairs Division. Duties and responsibilities include operating and making adjustments and repairs to air supply systems, all types of electronic and pneumatic controls, fans, electric, gas, and gasoline motors/engines; pumps, refrigeration systems; air conditioning units, steam and hot water systems with related equipment; air balance; water chemistry control; cooling towers, and maintaining complete records for these operations and repairs. Candidates must have three years experience in the operation, maintenance and repair of boiler, heating, ventilating and air conditioning equipment involving the use of automatic controls; completion of a two-year college level course in mechanical technology which must have included actual operation of steam boilers may be substituted for one year of the required experience. Closing date: October 29, 1974.

◀ CANDIDATES FOR FACULTY POSITION BEING SOUGHT

Candidates for a position on the faculty of the university are presently being sought, according to Donald L. Shelton (Director of Personnel Relations). Those interested in learning more about the position are invited to contact the appropriate dean. Cal Poly is an Affirmative Action Employer. Following is a description of the available position:

Department Head (Salary to \$23,532), Aeronautical Engineering Department, School of Engineering and Technology. Applicants must possess leadership and administrative capabilities, advanced degree in aeronautical or aerospace engineering (with doctorate preferred) and industrial experience, with teaching experience and national recognition in industry and/or education desired. The department offers ECPD accredited baccalaureate degrees. Position available: Summer or fall 1975.

◀ Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Friday (Oct. 25) in the Public Affairs Office, Adm. 210. Copy intended for Cal Poly Dateline is due in the Public Affairs Office by 12 noon on Tuesday (Oct. 22).

encouraging notes

October 22, 1974

Water Research and Technology. Detailed information and application forms are now available in the Research Development Office (Adm. 317) for priority programs of the Office of Water Research and Technology of the U. S. Department of the Interior. Proposals may be submitted to OWRT at any time and awards will generally be made on a quarterly basis. However, to allow for review and processing time, it is expected that selections for funding in the first quarter of FY 1976, beginning July 1, 1975, will be made from proposals postmarked not later than January 10, 1975. The following priority areas will have special interest for this campus:

- 1) Improving Water Resources Planning and Management: The Department of the Interior is initially interested in water resource considerations which will affect decisions relating to public land energy development programs; multiple use of public land watersheds; Outer Continental Shelf leasing programs; and water supply augmentation technology (such as cloud seeding). Research should contribute to the resolution of social, economic, political and legal problem areas (such as multiple jurisdictions and conflicting objectives in regional water resources planning and management). The purpose of the research is to provide a basis for the establishment and implementation of improved mechanisms for water resources planning and improvement of management effectiveness. An existing accumulation of knowledge in various fields (statistics, mathematical modeling, planning economics, social sciences, etc.) must be evaluated, demonstrated and made available to water resource planners, developers and managers. Methods must be developed for measuring and demonstrating the effects of proposed plans on regional development and social well-being. Cost allocation methods must also be evaluated. Research is also needed for:
 - a) identifying recipients of esthetic, amenity and recreation benefits;
 - b) establishing methods for determining attitudes and public preference with respect to competing demands on the water resources; and
 - c) establishing methods to determine the ability and willingness to pay for such benefits.
- 2) Solving of Energy-Related Water Problems: It is anticipated that demands for water supply will increase substantially for mining and processing, expanding community growth and new towns. Research related to solving problems of water allocation, water quality and adverse environmental and social impacts is needed. Potential issues and problems requiring research include: the impact of coal mining and oil shale development on local and regional water resources; strip spoil reclamation for reuse and water quality protection; methodology to minimize any adverse water-related consequences (social, economic and environmental resulting from fossil fuel development in western United States and Appalachia); analytical modeling of water supply allocation for fuel processing; acid mine drainage control; underground heat storage or other disposal of waste heat; cooling and process water needs and conservation; water recycling and water reuse; substitution of low quality water for high quality water in energy development; environmental monitoring; efficient use of water in mining, drilling, processing and transportation of fossil fuels.

- 3) Promotion of Water Use Efficiency: Methods for more efficient water resource utilization must be established. Research is needed in the following areas: increasing agricultural productivity of a unit of water; vegetation management for maximum water-use efficiency; watershed yield improvement; salinity management, including methodology for minimizing the impacts of irrigation return flows on the quality of receiving waters; improved irrigation efficiencies; reduction of leakage losses in distribution systems; effective utilization of water resources for range management and public domain lands; economics of agricultural irrigation; urban recycling and reuse of water resources and controls needed to assure water quality acceptability; methods for facilitating ground water recharge in urban areas; conjunctive surface and ground water use; harvesting of water for improving land productivity.
- 4) Protection of the Environment: Development of methods which will permit use of the natural resources without degrading the environment is an important national objective. Environmental, ecological and limnological research is needed in the following areas: planning for protecting, managing and conserving aquatic and related resources; application of ecological knowledge in conjunction with socio-economic, political, institutional, legal and related land resources considerations for use of aquatic areas with minimal degradation of the aquatic environment; impacts of energy development, timber harvesting, irrigated agriculture, grazing and water developments on the environment; the best use of water, including consideration of fish and wildlife, esthetic and recreation values, for irrigation and other purposes; maintenance, in the best condition possible, of inland and coastal wetlands, lakes, rivers and estuarine resources; in-stream flow requirements for fish and wildlife, esthetic and recreational purposes; management of inland and coastal wetlands, lakes and estuarine resources; conservation planning for protection of aquatic ecosystems.

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Briefly Noted. The National Research Council announces Postdoctoral Research Associateship programs for 1975. The closing date for applications is January 15, 1975, except for the program with the National Aeronautics and Space Administration, which has additional closing dates in May and September. (1) Chemical, engineering, mathematical and physical sciences; (2) Atmospheric, earth and space sciences; (3) Biological, medical, and behavioral sciences.

Population Council (245 Park Avenue, New York, NY, 10017)--fellowships and grants for training and research in demography and in family planning.

Henry L. and Grace Doherty Foundation (Doherty Fellowship Committee, Program in Latin American Studies, 240 East Pyne, Princeton University, Princeton, NJ, 08540)--fellowships for advanced study in Latin America. Deadline: February 1, 1975.

Danforth Foundation (222 South Central Avenue, St. Louis, Missouri, 63105)--fellowships for graduate studies; applicants must be planning for careers in college teaching or administration.