

# CAL POLY REPORT

California Polytechnic State University  
San Luis Obispo, California 93407

November 16, 1978  
Volume 30, Number 14

## Faculty elects PSAC reps

The elections to nominate nine faculty candidates for election to the Presidential Selection Advisory Committee were completed Wednesday, (Nov. 9). The nominees were: Frank Coyes; Jens Pohl; Owen Servatius; Barton Olsen; Andy Jones; Sarah Burroughs; Norman Eatough; Calvin Wilvert, and Nancy Jorgensen. From among these nominees Frank Coyes (Agricultural Engineering), Andrew Jones (Civil Engineering), and Jens Pohl (Architecture) were elected to the Presidential Selection Advisory Committee.

In order for the faculty representatives on the PSAC to best represent the interest of the faculty as a whole, the Academic Senate solicits suggestions for material to be included in the job description, criteria for selection, description of the university and its programs, etc. These may be submitted in writing or phoned into the Academic Senate Office (Chase Hall 218, Ext. 1258) for transmission to the PSAC members.



The return of excess supplies of inter-campus mail envelopes is being requested by the General Office. Offices and departments that have quantities of the envelopes in excess of their needs are asked to return them to the Mail Center.



## HOMECOMING EVENTS DETAILED

Thirty-two entries are expected in Cal Poly's 1978 Homecoming Parade, which will take place in downtown San Luis Obispo on Saturday morning (Nov. 18). Beginning at 10 am, the parade will start at Mission School, located at Broad and Palm Streets. A contingent from the ASI Homecoming Committee will carry the traditional banner, followed by the Cal Poly Army ROTC Color Guard. Cal Poly's "Pride of the Pacific" Marching Band will lead a series of floats; gymnasts; horses; 4-wheel drive vehicles; five distinguished alumni for 1978; and the grand marshal of the parade, John D. Nicolaides.

In addition to the Cal Poly entries, marching bands from San Luis Senior High School, Cabrillo High School of Lompoc, and Atascadero High School will perform. Behind Dr. Nicolaides will be his innovative N-Flyer, which will be carried on a truck. 1978 Homecoming's Host and Hostess, Greg McConnell and Diane Wilson, will ride in front of floats and units representing such campus groups as Farm Management Club, Ornamental Horticulture Club, Rodeo Club, Los Lecheros Dairy Club, and Baha'i Club. The parade will proceed east to Chorro, south on Chorro to Monterey, east to Osos Street, south to Higuera, west to Broad, and end behind Mission San Luis Obispo de Tolosa.

The first performance of Cal Poly's Homecoming Rodeo will be Friday at 7 pm. On Saturday the rodeo will begin at 2 pm. Tickets are \$3.50 reserved, \$3 general admission, \$2.50 students, and \$2 children under 12. They are available at the University Union Ticket Office or at the gate of Collet Arena before each performance. Other

activities, including a Homecoming Dance and alumni banquets will round out the weekend's events. The big football homecoming game, which pits the Cal Poly Mustangs against the Boise State (Idaho) Broncos, is at 7:30 pm in Mustang Stadium.

Cal Poly's Distinguished Alumni for the 1978 Homecoming are:

- Clifton C. Macklin Jr. of New York, a 1973 Business Administration graduate representing the School of Business. Macklin is an assistant vice president in the New York offices of the Bank of America.
- Paul R. Neel of San Luis Obispo, will represent the School of Architecture and Environmental Design. Neel, who teaches at Cal Poly in the Architecture Department, received his degree in Architectural Engineering in 1962.
- Ronald S. Pardini of Reno, Nevada, who graduated from Cal Poly in 1961 with a degree in Chemistry, will represent the School of Science and Mathematics. Dr. Pardini is head of division of biochemistry at the University of Nevada at Reno.
- Alvin W. Trivelpiece, the representative from the School of Engineering and Technology, resides in La Jolla. A 1953 Engineering graduate from Cal Poly, Dr. Trivelpiece is special assistant to the president of Science Applications, Inc.
- Jack A. Wick of Sacramento is the Distinguished Alumnus from the School of Agriculture and Natural Resources. After earning his Cal Poly degree in Ornamental Horticulture in 1951, Wick is currently executive director of the California Association of Nurserymen.

## Cashier's Office to be remodeled

James R. Landreth (Director of Business Affairs) announces that planned remodeling of the University Cashier's Office (Adm. 131E) may result in some inconvenience to students, faculty, and staff. Cashiering services will be

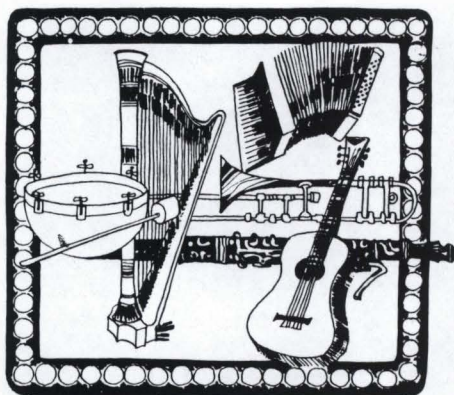
maintained during the remodeling operation. Individuals will be redirected by signs, as necessary. Remodeling is expected to begin approximately Nov. 27 and be completed no later than Dec. 29.



## University Singers' concert planned

The Cal Poly University Singers will open their 1978-79 season with a free concert on Saturday (Dec. 2) at 8:15 pm in the Cal Poly Theatre. Directed by John Russell (Music) the 40 member choir will perform vocal music including works by Schubert, Brahms, and Faure. It will be joined by mezzo soprano soloist Bonnie Hurwood.

Miss Hurwood has appeared as a soloist with several major orchestras. She was the winner of the Ogden Phipps Award in the final competition of the Metropolitan Opera Auditions in 1971. For several months during the last two years Miss Hurwood has traveled extensively in the United States and Canada performing as a soloist with the Roger Wagner Chorale. The concert is being presented by the Music Department and the public is invited to attend.



## Peace corps Coordinator

The university has received an extension of its contract with ACTION to fund a Peace Corps Coordinator on campus. Funding was approved for one year to support graduate student, Tracy Slavin, who is responsible for identifying and recruiting applicants. These positions are in assigned skill areas and seek applicants qualified for and who seek experience in international programs. The project director is Robert McCorkle (Agricultural Management). The coordinator's office is located in Trailer 04B2 near the Aeronautical Engineering offices.

## CPR/Basic Life Support Course

Donald L. Shelton (Director of Personnel Relations) has announced that a CPR training course will be offered to campus supervisors during the Fall Quarter. This course is sponsored as part of the specialized training program and coordinated through the university's Extended Education Program. Cardiopulmonary Resuscitation - Basic Life Support course is an integrated program designed to provide knowledge of and the capability to perform one-person and two-person CPR for infants, children, and adults. This course also provides instruction for opening obstructed airways for adults and children.

The CPR - Basic Life Support Course will be offered two times during the Fall Quarter and taught by French Morgan, American Red Cross CPR instructor. Each course will be taught in the Health Center conference room and will consist of five classes during a two week period (seven and one half hours total) starting Nov. 27. The first course classes will begin at 6 pm and end at 7:30 pm. The second course

classes will begin at 1 pm and end at 2:30 pm. Class participants will be divided into three groups for the session's second week class. This class will be devoted to practical application and testing and each participant will be required to attend only one class during the second week session. The following class schedule will begin Nov. 27:

First course: 6 pm to 7:30 pm, Nov. 27, 28, 29, 30 (Lecture sessions, must attend all four classes); Dec. 4, 5, 6 (Practical application session, one class only). Second course: 1 pm to 2:30 pm, Dec. 11, 12, 13, 15 (Lecture sessions, must attend all four classes); Dec. 18, 19, 20 (Practical application session, one class only).

Extension course credit is offered on an optional basis to enrollees willing to pay four dollars for the one-half unit course. Those first line supervisors interested in participating in the course should contact their Dean/Division Head for additional information.

## Band—O—Rama

The annual Band-O-Rama concert, combining performances by the Cal Poly Mustang Marching Band and the University Jazz Band, will be presented on Friday (Dec. 1). The 8 pm concert will take place in Chumash Auditorium. Roger C. Heath (Music) will conduct the 129-member marching band as it performs its full repertoire of halftime music from Cal Poly's 1978 football season. William V. Johnson, the university's regular director of bands, is on a year-long sabbatical leave.

The University Jazz Band, a 21-piece ensemble specializing in contemporary jazz, will also perform. It is directed by Graydon J. Williams (Music). Tickets for the concert are priced at \$1.50 for students and \$3 for the public. They are being sold by band members and at the University Union Ticket Office.

## Plant Shop closed

Cal Poly's Plant Shop at the O.H. Unit will close Wednesday (Nov. 22) and will reopen Wednesday (Nov. 29) to allow for the Christmas season setup.

## New officers for AAUP

As a result of recent elections, the new officers for the Cal Poly (SLO) chapter of the American Association of University Professors (AAUP) for the year 1978-79 are:

President.....Geraldine Ellerbrock  
(Management)  
Vice President .....Donald Floyd  
(Social Science)  
Secretary.....Kempton L. Huehn  
(Mathematics)  
Treasurer.....David Saveker  
(Architecture)

**Cal Poly Report** copy intended for the next issue should be submitted to Betty Holland, Adm. 125, Ext. 2576, prior to 12 noon on Monday.

**Cal Poly Dateline** is compiled by the Public Affairs Office, Adm. 401, Ext. 2246, and is published on Mondays. Typewritten copy intended for the next issue should be submitted to Cathy Burt, Adm. 401, prior to 12 noon on Wednesday.

Publications Editor: Fred Wolf, Ext. 2158, Adm. 210.



## N statewide pl ment rogram

A wide cooperative job placement program of The California State University and Colleges has been established on a permanent basis as the result of a successful trial period. Chancellor or Glenn S. Dumke has announced The Program greatly broadens the range of employment opportunities by providing reciprocal services throughout the state for career-seeking students and graduates of JC campuses. About 1,200 students and graduates are expected to take advantage of the intra-campus service the current academic year, nearly double the 630 participants in a ninth trial period last year.

Chancellor Dumke said the 1977-78 results indicate strong support at almost every campus for continuing the reciprocal job placement program. Students and alumni who are registered with the Career Placement Center at their home campus are permitted under the policy to subscribe to vacancy bulletins distributed at other campuses, and have access to open job listings, telephone job information services and career information materials. Under some conditions non-students and alumni can receive personal advisement, referrals to employers and access to on-campus interviews on a space-available basis after all home campus students and alumni have been accommodated.



## Surplus Sale

A warehouse sale of surplus and surveyed items is scheduled soon. To preclude sale of items which could be utilized in any department on campus, inspection of the sale items is invited prior to 4:30 pm on Wednesday (Nov. 22). Items selected that became available as a result of the instructional replacement equipment program must be replaced with a like item for survey. Questions regarding the sale items may be directed to Bernard Fitzgerald Ext. 2872 between 8 am and 4:30 pm.

## Ag leaders will gather at Poly

Some 30 members of the Agricultural Leadership Associates will attend a post-graduate leadership training seminar at Cal Poly on Friday (Nov. 17). "The one-day seminar is oriented toward further leadership development, exploring different leadership styles, and the teamwork approach to developing those skills," said Tim LaSalle (Dairy Science) coordinator of the seminar. Dan Lawson (Director, Activities Planning Center) will lead the seminar.

Participants in the seminar are all graduates of a unique two-year agricultural leadership program who are involved in production agriculture or agri-business and who have demonstrated leadership potential. The program is sponsored by the Agricultural Education Foundation at Davis and the Council of California Growers, San Mateo. Besides Cal Poly, San Luis

Obispo, other educational institutions cooperating in the program are California State Polytechnic University, Pomona; California State University, Fresno; and University of California, Davis.

The educational institutions offer instruction in four basic areas essential to leadership development — government, economics, communications, and social and cultural understanding. Participants in the program, all between the ages of 27 and 40, also participate in several travel-study seminars, including a three-week trip abroad at the end of the second year of the program. The executive board of the Agricultural Leadership Associates will meet on Saturday (Nov. 18) also at Cal Poly. J. Corder Gibson (Dean Emeritus, Agriculture and Natural Resources) is the executive director of the associates.



## Retired faculty/staff arts and crafts shown

A variety of arts and crafts in selective media is offered in a juried Retired Faculty/Staff Arts and Crafts Show at Cal Poly through Friday (Dec. 1). Held in the Galerie of the University Union, the show opened Monday (Nov. 13). Milo Whitson, president of the Retired Faculty/Staff Club and former head of the university's Mathematics Department, said that 40 entries were submitted in the juried show, of which 27 were accepted. Jurors were Pierre Rademaker (Art) and James Shubin and Dean Crawford Jr. (both graphic artists).

Among the works in the show are photographs, watercolors, acrylics and oils, weavings, assorted wood pieces, and several craft items. Everett M. Chandler, retired dean of students, is chairman for the exhibit, which is cooperatively sponsored by the ASI Fine Arts Committee, Cal Poly Alumni Association, and Retired Faculty/Staff Club. Galerie hours will be 10 am to 10 pm on weekdays and Saturdays and noon to 10 pm on Sundays.



# STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negrantl, 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. The University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

**Photographer I, \$1111-\$1334/month**, Audiovisual Production. Duties include performing all photographic processes, working with various cameras, taking pictures and producing color & B/W prints, slides, filmstrips, photomurals & motion pictures as required for university instruction & relations. Location & studio camera work & lighting, darkroom processing, printing and enlarging, film editing & photo maintenance. Work must meet industrial & publication standards for creative and technical quality. Closing date: 11-30-78.

**Departmental Secretary I-B or II-B, \$814-\$1066/month**, Physical Education Dept. Duties: receptionist, maintain files, maintain budget and travel accounts, help coordinate student files, dictation and transcription of correspondence, reports, department meetings, and other assigned duties. Requirements: two years clerical experience to qualify as I-B or three years clerical experience to qualify as II-B, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Closing Date: 11-30-78.

**Clerical Assistant II-B, \$779-\$931/month**, Mathematics Dept. Duties: Typing of tests, course outlines, letters, and any dictation from faculty members; using duplicator, Xerox, Redactron Mag Card typewriter; maintaining files of undergraduate math majors; assigning advisors; performing clerical functions of office. Requirements: equivalent to one year clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Twelve month position. Closing date: 11-30-78.

**Clerical Assistant II-A, \$729-\$871/month**, Admissions and Records. Duties: Working with student records in University Records Office, assisting with registration, preparation of grades, etc. Working in the University Admissions Office, processing applications for admission of students. Equivalent to one year clerical experience, type 45 wpm and must have taken the General Clerical Test. Closing date: 11-30-78.

# FACULTY VACANCIES

Candidates for positions 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 positions are invited to contact the appropriate dean or department head. This University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

**Lecturer, \$14,256-\$17,136/academic year**, dependent upon qualifications and experience. Physics Department, School of Science and Mathematics. Position available September, 1979. Duties include teaching undergraduate lecture and laboratory classes in physics and physical science. Ph.D. in physics and evidence of effectiveness or promise as a teacher is required. Closing date: 2-12-79.

**Lecturers, \$4752-\$5712/quarter**, based on 15 unit load and will be adjusted according

to assignment. Physics Department, School of Science and Mathematics. Possible part-time positions in Winter and Spring quarters, 1979. Duties include teaching lecture and laboratory classes in physics or physical science. Advanced degree preferred. Closing date: 11-30-78.

**Lecturers (3) part-time for Summer Quarter, 1979, \$4336-\$9116/quarter**, salary quoted is based on 15 unit teaching load and will be adjusted according to professional experience and assignment. Speech Communication Department, School of Communicative Arts and Humanities.

**Master Puppeteer/Teachers**. Teach courses in stagecraft, rehearsal and performance as well as children's drama. Successful applicants will also be expected to direct a student cast in a puppet theatre production and to perform their own full-length puppet theatre production as part of a summer season. Applicants must have professional level experience in puppet theatre. Preference will be given to nationally recognized artists. Closing date: 1-5-79.

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

**Prudence Zalewski, Home Economics**, presented testimony at the Food and Drug Administration hearings on food labeling. The hearings took place mid-October in San Francisco.

**Harry Sharp Jr., Head, Speech Communication**, participated in the national convention of the Speech Communication Association, held at Minneapolis Nov. 2-5, to recruit faculty. Dr. Sharp also refereed and chaired a program of competitive papers in rhetorical criticism of contemporary public address.

**Richard Jacobs, City and Regional Planning**, attended the 1978 annual American Institute of Planners Conference in New Orleans where he presented a paper on "Consistency Planning: Its Coming of Age and an Empirical Model."

**Michael A. Yoshimura, Biological Sciences**, attended the 70th annual meeting of The American Phytopathological Society held in Tucson, Arizona, October 30-November 2.

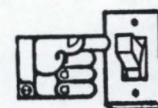
**Patricia Saam, Home Economics**, recently attended the national convention of Registered Dietitians in New Orleans. Mrs. Saam, a member of the California Apricot Advisory Board, manned an information booth to promote the dietary and nutritional value of apricots.

**J. Mac McRobbie, Head, Industrial Technology**, is the newly installed vice chairman of the National Association of Industrial Technology's Board of Accreditation. Dr. McRobbie, a member of the board since 1976, was elected to the post during NAIT's 11th annual convention held recently in Jacksonville, Fla.

**Larry P. Rathbun, Head, Agricultural Education**, recently received the Honorary American Farmer degree, the highest award of the national Future Farmers of America. Dr. Rathbun joined approximately 75 others who received the award Nov. 9 at the national FFA convention at Kansas City, Mo.

**Joseph B. Romney, History**, participated in the 13th national colloquium of the Oral History Association at Savannah, Georgia on Oct. 20-21.

# Conserve Energy





# encouraging notes

November 16, 1978

TITLE VI-A INSTRUCTIONAL EQUIPMENT MATCHING GRANTS. Title VI-A application forms for matching grants for instructional equipment are due to arrive after Thanksgiving. Funds have not yet been appropriated in Washington for this program, but there is a likelihood that they will come available. To qualify for them, our university's proposal must be submitted to the California Post-secondary Commission for the January deadline.

Further details will be made available through the deans as soon as the guidelines arrive. In the meantime, consideration should be given to what equipment a given department would like to request and whether there are sufficient funds to match the purchase. The university may request as much as \$20,000 through the program, to be matched by a like amount from institutional resources. Contact your dean as soon as possible with a written notice of your intent to submit. The university proposal will be prepared by the Coordinator, Research Development.

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STATE DEPARTMENT OF EDUCATION - VOCATIONAL EDUCATION PROJECTS. The State Department of Education has announced topics for which it is issuing requests for proposals to improve vocational education. Priority areas for research, curriculum development, vocational guidance and counseling, personnel training, sex equity, disadvantaged, and handicapped students have been identified and requests for proposals (RFP'S) for each of these areas will be available through December 1, 1978. Proposal deadline is January 12, 1979, for projects to be funded through June 30, 1980. A brochure listing the RFP areas is available for review in the Research Development Office.

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WHITE HOUSE FELLOWSHIPS. This highly competitive program is open to faculty and alumni who are early in their careers. Fourteen to nineteen people are chosen each year to serve, chosen from all careers--music, art, engineering as well as political science and law. They work for a year with or very close to a Cabinet member, the Vice-President, or a key aide to the President. Applications must be postmarked by December 1, 1978; forms are available in the Research Development Office.

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NATIONAL SCIENCE FOUNDATION - APPLIED SCIENCE & RESEARCH APPLICATIONS (ASRA) UNSOLICITED PROPOSALS. Established in February 1978, ASRA's goal is to increase the contribution of science and technology to the nation by identifying and supporting research and related activities having the highest potential for contribution to the understanding and resolution of significant problems.

The following is a brief summary of the major program elements of ASRA:

DIVISION OF INTEGRATED BASIC RESEARCH. Provides support for basic research that has a high relevance to major problems. Responsible for: (1) defining topic areas and related basic research disciplines; (2) stimulating research on the selected topic areas; and (3) assuring that funds are used as an add-on rather than displacing support previously provided by the basic research directorates.

DIVISION OF APPLIED RESEARCH. Provides improved scientific understanding of a range of technical, social, economic and policy problems and increases



the rate of technological innovation growing out of significant discoveries in various fields of science and engineering.

- . Applied Program. Provides an improved understanding of a broad range of significant economic, social, and technical problem areas and suggests alternative solutions to these problems.
- . Applied Physical Mathematical and Biological Sciences and Engineering  
Objectives are to increase the rate of technological innovation growing out of discoveries in various fields of science and to accelerate the application and use of these technologies to improve the breadth and quality of long-range solutions to significant social, economic, and technical problems and policy issues which confront the United States.

PROBLEM-FOCUSED RESEARCH APPLICATIONS. Goal is to apply U. S. scientific and technological capabilities to selected societal problems of critical national importance to assist in their clarification or resolution.

INTERGOVERNMENTAL SCIENCE AND RESEARCH AND DEVELOPMENT INCENTIVES. Objectives of this program are to: (1) facilitate the integration of scientific and technical resources into the policy formulation, management support, and program operation activities of State and local governments; and, (2) test and evaluate selected incentives which the Federal Government may use to increase R&D investment in the private sector of the economy and to stimulate the accelerated introduction of innovative technology into commercial use where new products, processes, or services are needed in the national interest.

- . Intergovernmental Program. Primary objective is to facilitate the integration of scientific and technical resources into the policy formulation, management support, and program operation activities in state and local governments.
- . Program. Considers unsolicited proposals to test and evaluate selected incentives to increase technological innovation and R&D investment in the private sector where new technology is needed in the national interest.

OFFICE OF PROBLEM ANALYSIS. The goal of this office is to identify and analyze major national problems with significant scientific content to provide a preliminary assessment of the appropriate role of science and technology, the federal government and the NSF in their resolution.

Research proposals may be submitted at any time. Joint proposals from universities and industry are encouraged. Applicants should allow six to nine months for review and processing. Proposals to be funded in a particular fiscal year (ending September 30) normally should be received no later than January of that year.

Potential applicants are encouraged to submit a brief preliminary proposal to NSF prior to submission of a formal proposal. Program guidelines outlining the preproposal and final proposal process are available in the Research Development Office. A compendium of recent research reports sponsored by the program is also available for review.

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NATIONAL RESEARCH COUNCIL - RESEARCH OPPORTUNITIES. NRC has announced the Research Associateship Programs for 1979 providing opportunities for research in many fields of atmospheric and earth sciences - chemistry - engineering - environmental sciences - life sciences - mathematics - physics - and space sciences. Stipends (subject to income tax) will be individually determined and will begin at \$18,000 a year. Grants will be provided for family relocation and for limited professional travel during tenure. Postmark deadline for applications is January 15, 1979. Awards will be announced in April.