

CAL POLY REPORT

California Polytechnic State University
San Luis Obispo, California 93407

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President Baker will guest on TV program

Cal Poly President Warren J. Baker will be the interview guest for this Saturday's program of the "View-point" series, which is broadcast at 6 pm on Saturdays by KSBY-TV, San Luis Obispo. Series host Arthur Hapgood and Dr. Baker are expected to discuss the university's present and future role in higher education.



Crabtree named acting head

Based upon recommendations of the department faculty, Carl Cummins (Dean, Human Development and Education), and Hazel J. Jones (Vice President for Academic Affairs), President Warren J. Baker has named Sandra Crabtree as acting head of the Home Economics Department.

Dr. Crabtree will serve until a permanent department head is named through the usual recruitment process. She succeeds Harry J. Busselen Jr. to the post. Dr. Busselen was recently named associate dean of the School of Human Development and Education.

JOSEPH STEWART IS HEAD OF MILITARY SCIENCE DEPARTMENT



Lt. Col. Joseph W. Stewart

Lt. Col. Joseph W. Stewart, a career officer in the U.S. Army since 1961 and graduate of the U.S. Military Academy, is the new head of the Military Science Department at Cal Poly. Appointment of Lt. Col. Stewart, who most recently was facility engineer at Supreme Headquarters Allied Powers

Europe in Belgium, was announced last week by President Warren J. Baker. He began his new assignment on Aug. 20.

William C. Langworthy (Dean, Science and Mathematics) said Lt. Col. Stewart succeeds Lt. Col. Robert W. McKee, who retired recently. Lt. Col. McKee is presently employed in a management capacity by the Cal Poly Foundation, which operates campus services in support of the university's instructional programs.

Lt. Col. Stewart, whose title also includes the military designation, professor of military science, is a graduate of Texas A&M University, where he completed his Master of Engineering Degree studies in 1966. He also attended the U.S. Army's Engineer Officer Basic Course, Airborne Course, and Engineer Officer Advanced Course as well as the Armed Forces Staff College.

Since beginning his active duty career, Lt. Col. Stewart has served in military leadership and executive capacities in continental U.S., Thailand, Vietnam, and Okinawa, in addition to his recent assignment in Belgium.

Statewide CSUC affirmative action officer named

The appointment of Esteban Soriano as Student Affirmative Action Coordinator of The California State University and Colleges was announced recently by Chancellor Glenn S. Dumke. Dr. Soriano presently is coordinator of the California State University, Fresno student affirmative action program. Previously he taught at Stanford University where he received advanced degrees in communication and communication research.

Soriano will be responsible for reviewing and implementing student affirmative action programs on the 19 campuses. Additionally he will be responsible for collecting ethnic data and evaluating student affirmative action efforts. "This appointment of a well-qualified administrator is an appropriate indication of the high priority assigned to student affirmative action in the CSUC," Chancellor Dumke said.

Foundation expands service

In order to provide improved service to students and campus personnel, the Foundation cashing hours have been extended. Effective immediately the hours will be 7:30 am to 4:30 pm, Monday through Friday. The Foundation Cashier is located adjacent to University Union, 212. The Foundation will continue to have a \$20.00 per day, per person check cashing limit.

Office furniture needed

A critical shortage of office furniture exists on campus. State funding has not provided for the acquisition of additional furniture for the past two years. This is a request for anyone with extra desks, file cabinets, book shelves or chairs to call the Warehouse at Ext. 2872 and ask that the items be picked up and made available for redistribution. Your cooperation will be appreciated.

More 1979 Fall Conference honors announced

The cooperation, smiles, and extra service that make a university campus a nicer place to study and work has won campus-wide recognition as outstanding employees for 1978-79 for three members of the support staff. Honored on Monday (Sep. 17) during the annual Fall Conference were Doris Anderson (Supervisor, Payroll Services), Harold Miller, (Financial Manager), and Richard Tartaglia (Acting Director, Plant Operations).

Those named outstanding employees are recommended by a committee of support staff members which acts on nominations from students and other members of the campus community. The committee studies the work of nominees before making its selections. In addition to an engraved plaque, those recognized as outstanding staff employees receive \$100 checks made possible by the Armistead B. Carter Endowment Fund.

Certificates and pins recognizing 25 years of employment with the State of California were awarded to seven veteran employees during the conference. The 25-year awards were presented by President Warren J. Baker in Chumash Auditorium. Those honored were: Robert W. Adamson (Mechanical Engineering), Robert L.

Andreini (English), William W. Armentrout (Education), Daniel C. Chase (Agricultural Management), Robert H. Frost (Head, Physics), R.L. Graves Jr. (Architecture), and Wesley S. Ward (Architecture).

Twenty-nine men and women whose combined years of employment at Cal Poly total over 650 years were recognized as emeritus members of the faculty and staff. Those honored included 20 former members of the university's faculty, and nine former support staff members. All had retired from university service within the past year.

The honorary emeritus title is conferred by Cal Poly on employees who have 15 or more years of service at the time of their retirement. It carries with it privileges to use certain university services and participate in activities as a member of the campus community.

Faculty members honored, with their departments and the years they joined the university, were: Roy E. Anderson (Accounting, 1949), Warren R. Anderson (Electronic and Electrical Engineering, 1946), Roger S. Bailey, (Art, 1962), Enrico P. Bongio (Engineering Technology, 1948), Daniel C. Chase (Agricultural Management, 1954), William R. Gibford (Animal Science,

1955), George E. Hoffman (Industrial Engineering, 1956), Paul S. Lansman (Mathematics, 1964), John D. Lawson (Activities Planning Center, 1951), Mac McRobbie (Industrial Technology, 1962), Loren L. Nicholson (Journalism, 1956), John B. Rapp (Electronic and Electrical Engineering, 1959), R. Wallace Reynolds (Engineering Technology, 1953), Glenn W. Rich (Agricultural Engineering, 1953), Leo E. Rogers (Engineering Technology, 1954), Chester H. Scott (Mathematics, 1952), Glenn E. Seeber (Engineering Technology, 1954), Ellen Stookey (Home Economics, 1961), Mary Lou White (Physical Education, 1961), and J. Barron Wiley (Education, 1956).

Support staff members who were recognized, with their departments and years they joined Cal Poly, were: Doris Bodine (Foundation Food Services, 1961), John Dyer (Custodial Services, 1962), Lloyd R. Evans (Grounds, 1959), Viola Hughes (Student Health Services, 1956), Valdora Myers (Student Health Services, 1960), Lee Owen (Property Management, 1946), Al Sanders (Grounds, 1964), Marcie Steger (Foundation Food Services, 1962), and Margaret Wilmot (University Library, 1952).

Overdue AV equipment

Audiovisual equipment is in increasing demand this year. In many cases, AV is barely able to meet requests for use in classroom instruction. Faculty members with AV equipment checked out are asked to return it on the due date, if possible.

If the present demand stays steady and loaned equipment is not returned on time, AV will shortly be unable to meet instructional requests. The best way to prevent this is to return equipment when due. If this is not done, AV will be forced to refuse further issue of equipment to those faculty members with overdue items.

AV will continue to make classroom set-ups as long as we have the necessary equipment. It is over-the-counter borrowing that will be curtailed. Your cooperation is requested.

Diablo Canyon documents

Nuclear Regulatory Commission documents about the Diablo Canyon Nuclear Power Plant are now housed in the Government Documents and Maps Department of the Cal Poly Library. They had been previously housed in San Luis Obispo City-County Library. The collection includes reports and legal documents concerning the Diablo Canyon Plant. The reports were issued by the federal government, Pacific Gas & Electric Co., and private citizens. All materials are available for public use.

Faculty/staff bowling league

Bowlers are needed for the faculty-staff (and spouses) bowling league which meets Monday evenings at 6:30 pm in the student union. Beginners welcome. For more information call Walter Wilson at Ext. 2116.

Equipment operators' safety program

CAL-OSHA requires that all operators of farm equipment be instructed in its safe operation through an initial safety program session followed by a yearly update session. All persons who plan to operate equipment, including forklifts, from the Farm Shop are required to attend one of two sessions scheduled for Saturday (Sep. 29) and Friday Oct. 12), a repeat session in the Cal Poly Theatre.

Those people who attended one of the initial safety program sessions last year can attend the yearly update session from 8:15 am to 9 am on Saturday or 1 pm to 1:45 pm on Friday. New operators can attend an initial program session from 9:15 am to 10:30 am on Saturday or 2 pm to 3:15 pm on Friday. Additional initial and update safety program sessions are scheduled for Friday (Jan 11) and Friday (Apr. 4).

Computer assisted registration

The Winter Quarter trial run for Computer Assisted Registration (CAR), a system which utilizes a computer to match student requests with offered courses, is scheduled for the last week in November. This will not replace the regular gymnasium registration for winter quarter. CAR Registration for Spring Quarter will start about the middle of February. Students, staff, faculty and administrators will need to be familiar with the procedures, and student participation in the trial run is critical for the success of CAR for Spring Quarter.

Students will register earlier each quarter in the CAR process making it possible to generate course demand data which will aid academic departments in making adjustments to the schedule to better meet the students needs.

CAR will eliminate the time and frustration associated with gymnasium registration and will increase the probability of students obtaining desired classes. The computer will be programmed to search for sections requested by students and to schedule them into other sections of the same class when requested sections are filled. However, CAR will not guar-

antee that students will get exactly the schedule requested because it only attempts to maximize resources.

In the CAR process, students will obtain their registration materials from their departments. The registration packet will consist of instructions, a class request form (including the reserve time request section), a fee payment form and a registrant demographic data form. Students will be able to request up to 9 sections (and one alternate) or up to 18 units using the new registration system.

The computer will process student requests and provide course demand data to the instructional departments for use during the adjustment of their course/section offerings. Students will then be registered and will receive their study lists. Faculty will receive their class lists prior to the first day of instruction.

Detailed information which further explains the CAR procedures will be available during Fall Quarter. The CAR Office will be located in Trailer 52-T2. For additional information, contact Lezlie Labhard (CAR Coordinator) or Jerald Holley, (Director, Admissions, Records, and Evaluations).



Use of official letterhead

Two recent occurrences have called attention to the need for university employees to be sure that official Cal Poly letterhead is used only for the conduct of university business. Donald L. McCaleb (Acting Director, Public Affairs) pointed out that Section 716 of the Campus Administrative Manual specifies that the official letterhead of the university is authorized for official business only.

"All of us, as employees of the university, need to be reminded that when we use the letterhead in personal correspondence, we open up the strong possibility that the university will be embarrassed by our action," McCaleb said. He offered the services of the Public Affairs Office in consultation with employees who have questions relating to the use of the university letterhead. Inquiries can be directed to Adm. 401 or to Ext. 2246.

Trustees' actions reported

The Board of Trustees of The California State University and Colleges took the following actions at its meeting Sep. 18-19:

- Approved a 1980-81 systemwide State Funded Capital Outlay budget request to the Governor and Legislature totalling \$28.4 million.
- Approved a 1980-81 systemwide Non-State Funded Capital Outlay Program totalling \$7.4 million.
- Amended Title 5 of the *California Administrative Code* to extend the Fee Waiver and Career Development Program to permanent part-time employees of the CSUC. Full time permanent and probationary employees currently can participate in the program.

Copyright laws to be topic of talk

Those who are interested in publishing a book or article but bewildered by the copyright laws should attend a free public lecture scheduled for Tuesday (Oct. 9) and solve that confusion. Retired faculty member and administrator Lachlan P. MacDonald is the speaker. Editor and publisher of his own publishing firm, Padre Productions, MacDonald is a publishing consultant and literary agent who also conducts publishing workshops for Cal Poly Extension.

MacDonald said the lecture, which will begin at 8 pm in Science B5, will be of particular interest to writers, editors, and those who encounter questions of ownership of literary property. He will review highlights of the new copyright law which took effect in January 1978 and explain how to obtain free copyright information. He will also summarize how the new law has affected publishers, writers, and libraries.

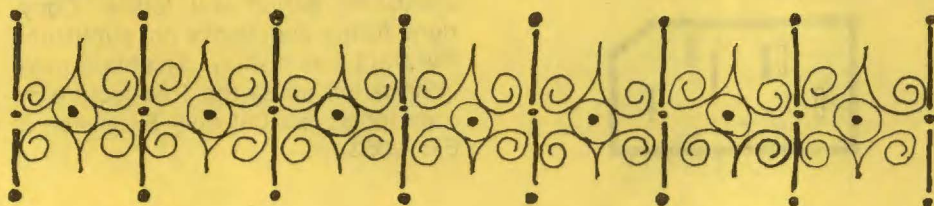
The lecture is co-sponsored by Cal Poly's Graphic communications Department and the Extended Education Program. A question-and-answer and discussion period will follow. Copyright forms and books on publishing law will be on display. To obtain more information about the free lecture on copyrights, call Cal Poly Extension at Ext. 2053.

'What's in a Map' display in UU

Twenty-five original maps from the years 1590 to 1880 will be displayed in a show titled "What's in a Map?" in the University Union Galerie from Monday (Sep. 24) through Saturday (Oct. 13). These cartographic examples are from the collection in the Smithsonian Institution's National Museum of History and Technology.

The public is invited to view these rare maps, map-making tools, copper engraving plates and informative data connected with the exhibit. Admission is free. The collection illustrates the work of the map maker, who presents the facts of geography in a graphic language that is readily understood. Maps convey an endless variety of information ranging from the location of a river to charts of sea depths.

Although the history of cartography is somewhat extensive, there exists no standard map vocabulary and no dictionary of map symbols, yet the successful map can be read with little or no effort. This exhibit portrays some of the forms that map language took in the past, how they changed between the 16th and 19th centuries, and how their form was dictated by printing techniques.



Books at high noon

Books at High Noon will begin this Fall Quarter on Tuesday (Oct. 9) in the Staff Dining Room at 12 noon. Quintard Taylor (History) will review the book "Sexual Racism: the Emotional Barrier to an Integrated Society." Other speakers will include: Thomas Ruehr (Soil Science); Reginald Gooden (Political Science); Steve Miller (Physical Education); Patte Barham (author); and Leonard Davidman (Education).

Books at High Noon is sponsored by the Cal Poly Library to promote and publicize books and increase awareness of library materials. All university faculty and staff are invited to attend Books at High Noon every Tuesday beginning Oct. 9th.

Copper engraving, lithography, photolithography and relief printing processes are represented, some with accompanying tools. A copper plate, a lithographic stone and metal punches aid technical understanding of the printed maps. A 16th century colored copper engraving of the ancient world is among the earliest maps included.

Among the more striking examples of the cartographer's craft include a polar projection of a sector of the Northern Hemisphere and a map of ten million acres reserved in Australia under a land act of 1862. Also included are a military map of the Revolutionary War period, a schedule of street sweeping for the City of Washington, and a plan of the city of New Haven, Conn.

"What's in a Map?" is presented by the ASI Fine Arts Committee in coordination with the Smithsonian Institution Traveling Exhibition Service and the Social Sciences Department. Galerie hours for "What's in a Map?" will be Monday through Friday, 10 am through 9 pm and Saturday and Sunday, noon through 5 pm.

Film Festival

Jean Cocteau's classic fantasy, "Beauty and the Beast," will be shown on Sunday, (Oct. 14) as part of the free Film Festival Program. "Beauty and the Beast," starring Jean Marais as the Beast and Josette Day as the Beauty is co-sponsored by Cal Poly Extension, the Alumni Association, and the English Department.

The film, called a magnificent work of art, features a beautiful maiden, who must go to a mysterious island to save her father from danger, and the beast, who lives on the island.

The film is an authentic, personal statement by the French poet Cocteau, but it remains a faithful adaptation of the original fairy tale. Show time will be 7:30 pm on Sunday (Oct. 14) in the Cal Poly Theatre. Additional information on the Film Festival can be obtained by calling Ext. 2053.

Poly talents will be exhibited

Two art exhibits will be displayed through October 12 in the headquarters of The California State University and Colleges, 400 Golden Shore, Long Beach. One of the exhibits consists of selections from the Sixth Annual Exhibition of Student Graphic Designs from Cal Poly. Featured are a selection of color, composition, typography and many other facets of visual communication demonstrating different combinations of skill and knowledge required of professional graphic designers.

The other exhibit consists of cartographic selections from the newly completed California Water Atlas. The Water Atlas, assembled with expertise of California State University, Northridge, is a unique source document which treats many different aspects of hydrology: geography, economics, engineering, water law, environmental protection and current issues on water policy. Both exhibits will be available for public viewing weekdays from 9 am to 4 pm in the foyer and main floor corridors leading to the Trustees Conference Center.

Faculty/staff basketball

There is a faculty and staff basketball team now forming. Those interested in playing on a "B" league intramural team should contact Don Morris, Adm. 317, Ext. 2053. The team plays at 9:30 pm on Monday nights in the Cal Poly Gymnasium.

Energy Report

A talk titled "A Proposal for an Alternative Energy Future for California" will be given by Commissioner Emilio E. Varanini III, a member of the California Energy Resources Conservation and Development Commission. He will speak at 7 pm Saturday (Oct. 13) at the Cal Poly Theatre.

The meeting, open to the public, will be sponsored by the Biological Sciences Department. Varanini's remarks will be based upon the California Energy Commission's Biennial Report, and will examine the essence of the Commission's overview document, "Energy Choices for California," and the series of major policy recommendations that flow from it.

Open enrollment period for health plans and orientation sessions

There is presently an open enrollment period, through Oct. 31, for health benefit plans available to Cal Poly employees under the Public Employee's Medical and Hospital Care Act. These plans include Blue Cross/Blue Shield, Cal-Western/Occidental, First Farwest, Los Padres Group Health, and ACSUP-American National Insurance Company. During this period, eligible employees may enroll, change plans or add eligible family members who are not now enrolled. There are no exclusions for pre-existing conditions and no limitations because of a member's state of health.

All open enrollment transactions will be effective Dec. 1. An active employee is eligible to enroll if he/she works half time or more and is appointed for more than six months.

Representatives of the various health insurance companies will be on campus on Tuesday (Oct. 2) from 10 am to 2 pm in Staff Dining Room B to assist with any questions or claim problems. It will be an informal question and answer session and no appointments are necessary. Representatives from the First Farwest plan will also be on

campus on Oct. 3, 29, 30, 31 in the Staff Dining Room from 9 am to 3:30 pm to answer questions.

An orientation session to discuss the various health insurance plans available to staff and faculty has been scheduled for Tuesday (Oct. 9) from 11 am to 12 noon in Agriculture 220. The main emphasis of this orientation session will be to review the Los Padres Group Health Plan. This is a health maintenance organization and has been made available to Cal Poly employees effective last Aug. 1. Employees currently enrolled in a health insurance plan can change to this plan or any one of the other available insurance plans during the upcoming open enrollment period. A general review of all the health insurance plans will also be made at this session.

Employees planning to make changes in health benefits plans during the open enrollment period must come to the Personnel Office, Adm. 110, by Oct. 31, to complete necessary documentation. For further information, contact Barbara Melvin in the Personnel Office at Ext. 2236.

STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, 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.

Clerical Assistant II-A/B, \$843-\$1077/month, Dean's Office, School of Engineering and Technology. Duties include: Maintaining records, Xeroxing, ordering supplies, typing, arranging meetings, filing. **Requirements:** One year of clerical experience, type 45 wpm, dictaphone and/or shorthand at 80 wpm (to qualify as B), and must have taken the General Clerical Test. Filing experience and aptitude desirable. Closing date: 10-12-79.

Clerical Assistant II-D, \$375.50-\$449.00/month; half-time; 10/12 pay plan, Agricultural Engineering Department. Duties include: Typing exams, course outlines, curriculum and other material; taking and transcribing accurate dictation; duplicating, collating, distributing, proofreading material; answering inquiries from students and faculty; assisting departmental secretary and school dean's secretary. **Requirements:** One year of clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Closing date: 10-12-79.

Plumber I, \$1516-\$1663/month, Plant Operations. Duties: Install, maintain, inspect and repair all standard plumbing equipment concerned with water, gas, sewer, fire control, air and storm drain systems; trouble-shoot, maintain shop, estimate material needs, advise on projects and direct unskilled laborers and or student assistants. Prefer journeyman plumber with three years experience. Hours: 7:30 am to 4:00 pm. Closing date: 10-12-79.

Equipment Technician I, \$669.50-\$805/month; half-time, Chemistry Department. Duties and responsibilities: Maintain and repair a large variety of electronic, nuclear, optical and X-ray equipment including a nuclear magnetic resonance spectrometer and other scientific instruments. Applicants should have a thorough knowledge of modern electronics including integrated circuits and micro electronics. **Requirements:** One year of experience in the maintenance, repair and operation of electronic, optical, nuclear, or other related scientific instruments. Closing date: 10-12-79.

Poly plant sale

The new academic school year is being celebrated by the Poly Plant Shop. All are invited to take advantage of the "annual welcome back to school" sale on Saturday, (Oct. 6) from 9 am to 5 pm. One-gallon plants suitable for many landscaping needs have been priced at only \$1. Fuchsia hybrids, New Zealand Flax, Cape Honeysuckle, and Gazania are some of the plants being offered.

Want something bigger? Five gallon trees are on sale for \$3.95 (reg. \$5). Some of the many choices include: Patterson Sugar Plum Tree, Acacia Baileyana and Sycamore. Come see the many plants that are available for you to choose from whether it be for the outdoors or indoors; there's a good selection of tropicals too.

Personnel may also take advantage of the "dig your own garden mum" sale. For only \$.99 they can choose from a wide variety of fall-colored mums. Also offered will be a good assortment

of dried materials and arrangements just in time for getting into the fall spirit.

Another good buy are Poinsettias. Many large and colorful plants are on sale for just \$3.50. Come by and take advantage of these specials. The Poly Plant Shop is located across from the Horse Unit, and is now open weekdays from 1 pm to 5 pm and Saturdays from 9 am to 5 pm.

September salary warrants

September salary warrants for faculty and staff of the university will be available at 3:10 pm on Friday (Sep. 28), the last working day of the pay period. Authorized representatives from departments whose checks are batched may pick up department checks from the Cashier's Office, Adm. 131.

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

Irene Rockman, *Library*, has an article titled "The Educational Needs of Pilipino American Children," in v.4, no.3, Spring/Summer 1979 edition of *Education Libraries*, published by the Education Division of the Special Library Association.

Jack Jones, *Education*, has had an article published by ERIC Clearinghouse on Reading and Communication Skills. An abstract appeared in the July, 1979 issue of *Resources in Education*.

Max Riedlsperger, *History*, has had his review of *The Heimwehr and Austrian Politics 1918-1936* published in *The German Studies Review*, Vol II, No. 2, May 1979.

Charles M. Burt, *Agricultural Engineering*, spent quarter break in Sonora, Mexico as a private consultant for Waterman Industries of Exeter (a U.S. manufacturer of irrigation valves) and FATUVISA (irrigation pipeline manufacturer in Sonora). Mr. Burt evaluated their irrigation systems and presented conferences (in Spanish) to local farmers on how to improve their systems and management.

Larry Wolf, *Director of Financial Aid*, has been selected by the California Student Aid Commission to be a member of a seven-person committee to review the performance and functions of the Advisory Group on Financial Aid Problems.

Phillip Ruggles, *Graphic Communications*, has been reappointed to a four year term on the San Luis Obispo City Citizens' Advisory Committee by the San Luis Obispo City Council. Ruggles previously was chairman of CAC's Subcommittee on the City's Capital Improvement Program.

Thomas T.L. Chou, *Electronic and Electrical Engineering*, spent his second summer with the Lawrence Livermore Laboratory, University of California, developing and designing the high precision, extreme low noise and automated optical instrumentation systems for the high energy NOVA laser program. Chou also toured the laboratory's Nevada Test Site.

Donald R. Floyd, *Social Sciences*, chaired a panel at an international conference on historical geography, CUKANZUS '79, which convened at UCLA from Aug. 26 through Sept. 2.

Robert L. Hoover, *Social Sciences*, attended the Second Annual Inland Chumash Research Symposium at the Santa Barbara Museum of Natural History on Sept. 8.

Satwant Rihal and Ching-Sheng Hwang, *Architectural Engineering*, attended the second U.S. National Conference on Earthquake Engineering at Stanford University, Aug. 22-24.

Arthur L. Schwartz, *Business Administration*, has had a paper titled, "The Mortgage Market: A Basic Primer" published as the lead article in the August 1979 issue of *Real Estate Today*. The journal reaches most of the nation's realtors.

Elizabeth K. Perryman, *Biological Sciences*, continued her research and training in techniques in electron microscopy at the University of Arizona, June 8-Aug 10. Funds for the support of her study were provided by the National Science Foundation.

Robert L. Hoover, *Social Sciences*, has published an article, "Ethnohistoric Salinan Acculturation," in *Ethnohistory*, the journal of the American Society for Ethnohistory.

Constance H. Gray, *Biological Sciences*, attended a symposium on Neurotransmitters at the Pacific Slope Biochemical Conference, held at the University of Nevada at Reno on June 25.

Joe Sabol, *Agricultural Education*, was the guest editor for the July issue of the Journal of the American Association of Teacher Educators in Agriculture. He wrote one side of a special feature, "Debate the Issues", and presented arguments why teacher education programs in agriculture should not be limited to land grant universities.

Tracey Call, *Biological Sciences*, and **Glenn Wight**, *Chemistry*, have been notified that the Upjohn Company has renewed for the third year its option agreement with Cal Poly Foundation on a series of organic compounds developed in research. The compounds, which have been the subject of several issued patents and patent applications, have shown potential value as immunosuppressive agents.

OFF-CAMPUS VACANCIES

Information on the administrative position vacancies listed below can be obtained from the Placement Office, Adm. 213, Ext. 2501.

University of California, San Diego, Chancellor. Deadline: Oct. 12, 1979.

San Diego State University, Dean, College of Engineering. Deadline: Nov. 30, 1979.

San Diego State University, Dean, College of Business Administration. Deadline: Nov. 30, 1979.



Merit award announced

Donald L. Shelton (Director, Personnel Relations) announced that Jimmy R. Salinas (Duplication) recently received a \$55 award from the State Merit Award Board. This award was given for his suggestion of photographing two 3x5 or 4x6 cards on one Itek plate. This process will cut in half the number of plates used during the year.

Awards made by the State of California Merit Award Board recognize suggestions from state employees that result in saving of either manpower or funds or contribute to employees' safety. All employees are encouraged to submit ideas. Suggestion forms are available in the Personnel Office or the office of the Director of Business Affairs.

Airline Discount Coupons

Two airlines, United and American, have recently offered transferrable discount coupons to passengers. These coupons are to be applied against the cost of future domestic flights through Dec. 15. The State Controller has advised the university that any state employees who have received such coupons while flying on state business are to return them to the University Financial Manager's Office (Adm 118) for application against future travel costs for other employees.

- * Guidelines and/or applications available in the Research Development Office.
** Info requested/should be available soon.
*** Contact agency directly.

encouraging notes

September 27, 1979

"Encouraging Notes" publishes weekly notices of selected programs offering outside support for research and other campus activities. There are more programs available than can be listed here. For further information on programs that interest you, contact the Research Development Office.

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PROPOSAL REVIEW PROCESS SHORTENED. The number of signatures required for proposal approval has been reduced. Effective immediately, the final signatory on all proposals for grants and contracts will be either the Executive Vice President, the Vice President for Academic Affairs, or the Dean of Students, depending upon the source of the proposal. This action has effectively reduced the number of signatures normally required for proposal approval by two, thus facilitating the expediting of proposals at the same time that adequate review is assured.

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PROPOSAL WRITING SEMINARS. In an effort to provide more support for faculty and staff intending to write research grants, four seminars on proposal writing will be offered in the Fall quarter. Two will be given during the week of October 15, and another two during the week of November 26. The seminars are given by the Coordinator, Research Development, in three one-hour sessions: the first covers getting organized and finding a sponsor; the second deals with the narrative of the proposal itself; and the third involves a critique of an actual proposal.

The first series is scheduled for 9:00 a.m. on Monday, Wednesday and Friday, October 15, 17, and 19, in Agriculture 241, and will be repeated each day at 1:00 p.m. in Agriculture 241.

Second series will be given again at 10:00 a.m. on Monday, Wednesday and Friday, November 26, 28, and 30, in Agriculture 241, and will be repeated each day at 2:00 p.m. in Agriculture 241.

All interested are welcome to participate--the seminars offer an opportunity to both develop and improve proposal writing skills.

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NATIONAL ENDOWMENT FOR THE HUMANITIES - SUMMER STIPENDS, 1980. The National Endowment for the Humanities has announced its program to provide support for university teachers and others working in the humanities to pursue two consecutive months in full-time study or research. The work proposed may pertain to the applicant's special expertise, or it may be in some other area of interest that will enable them to improve their understanding and to increase their competence in their own field. *NEH DEADLINE FOR APPLICATIONS: OCTOBER 15, 1979.*

Cal Poly is permitted to nominate three University members for consideration. Application forms are available from the Dean, Communicative Arts and Humanities. Upon completion, they should be returned to his office for screening and processing for final University approval.

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- * U. S. DEPARTMENT OF AGRICULTURE - COMPETITIVE RESEARCH GRANTS. The Science and Education Administration of the U. S. Department of Agriculture has announced tentative deadlines for proposals under its competitive research grants program

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as follows:

FRIDAY, NOVEMBER 9 Genetic Mechanisms for Crop Improvement and
 Biological Nitrogen Fixation

FRIDAY, JANUARY 11 Biological Stress on Plants

FRIDAY, FEBRUARY 1 Human Nutrient Requirements and Photosynthesis

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* NATIONAL SCIENCE FOUNDATION - DIVISION OF POLICY RESEARCH AND ANALYSIS. NSF has announced its FY 1980 calendar for submission of unsolicited proposals. The program for extramural research invites proposals in the following areas: (1) socioeconomic effects of science and technology; (2) innovation processes and their management; (3) environment, energy and resources studies; and (4) technology assessment and risk analysis.

Under the last area, risk analysis, has recently been added as a topic of research to comply with Congressional interest in developing a program of "systematic research to improve the methods for evaluation of long-term comparative risks of alternative technological solutions...to such national concerns as energy, materials, environmental quality, food or drugs." NSF 78-78

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*** U. S. OFFICE OF EDUCATION - FULBRIGHT-HAYS TRAINING GRANTS. USOE has set a postmark deadline of *NOVEMBER 2, 1979*, for the four subparts of the Fulbright-Hays Training Grants Program: (1) Faculty Research Abroad Program - enables faculty members to conduct research in foreign language and area studies at international locations; (2) Foreign Curriculum Consultants - enables experts from other countries to assist American institutions in planning and strengthening their foreign language and area studies curricula, particularly in non-Western European studies; (3) Group Projects Abroad - assists educational institutions improve their foreign language and area studies programs by means of group projects overseas; and (4) Doctoral Dissertation Research Abroad - enables doctoral students to perform necessary research in foreign countries.

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** NATIONAL ENDOWMENT FOR THE ARTS - DESIGN ARTS. The Architecture Planning and Design Program has revamped its categories under a new program called Design Arts covering seven fields: architecture, urban design and planning, landscape architecture, interior design, industrial design, graphic design, and fashion categories.

Fellowships will be in four categories: (1) SENIOR LEVEL SABBATICAL FELLOWSHIPS - for professional designers to explore new areas of interest or new design approaches; (2) INDIVIDUAL PROJECT FELLOWSHIPS - for specific design research or educational projects; (3) ENTERING PROFESSIONAL DESIGNER PROJECT FELLOWSHIPS - for support to persons starting careers or those returning to a design profession after a prolonged absence; and (4) DESIGN STUDENT PROJECT FELLOWSHIPS - small grants to design students in their final year of study.

Grants to organizations will be made in three categories: (1) DESIGN COMMUNICATIONS - support for projects that let more people know about design issues and ideas; (2) DESIGN DEMONSTRATIONS - to assist organizations that need innovative design services to initiate a specific project; and (3) DESIGN EXPLORATIONS/RESEARCH - will support experimental and innovative research that helps illuminate the aesthetic, utilitarian, economic and social consequences of design.

FELLOWSHIP AND GRANT DEADLINE: JANUARY 25, 1980