

cal poly report



CALIFORNIA POLYTECHNIC STATE UNIVERSITY
SAN LUIS OBISPO, CALIFORNIA 93407

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May 5, 1977

DEAN CHANDLER TO RETIRE

The man who has led the development of student affairs programs that have brought national recognition to Cal Poly will end his 27 years of service to the university. Everett M. Chandler, who became dean of students at Cal Poly in 1951 will retire on Dec. 31, according to an announcement by President Robert E. Kennedy. Dr. Kennedy said he had reluctantly accepted the decision of Dr. Chandler, who is the "dean" of deans of students in the State Of California. "Much of our success in the area of services to students and in co-curricular programs has been due to Dr. Chandler's outstanding leadership. He will be a very difficult person to replace," Dr. Kennedy said.

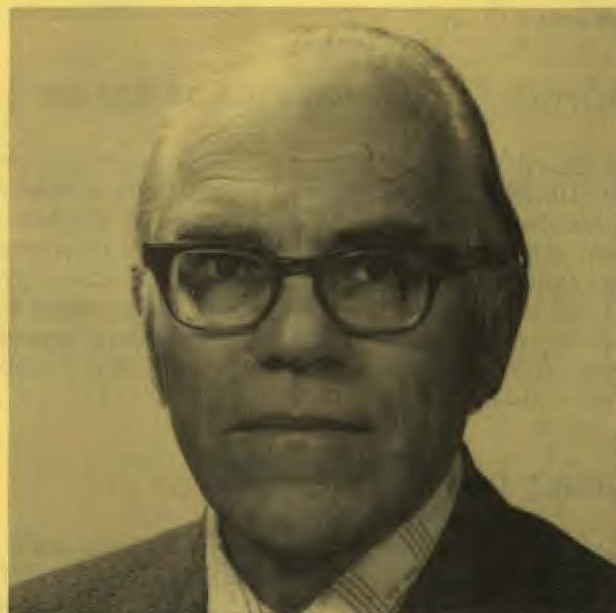
The Cal Poly president's remarks about student services were in reference to student orientation, health, and placement programs that have often been studied as models for other colleges and universities in recent years. The functions of the student affairs program at Cal Poly include the admissions program, counseling and testing, student activities, health services, housing, placement, career planning, educational opportunity program, financial aid, and other student services. In many of these areas Cal Poly has developed innovative procedures adopted by other campuses.

Before assuming his duties at the university, Dean Chandler was an Air Force officer and a personnel and management specialist for the State Department of Finance and State Personnel Board. He is actively involved in several state and national organizations concerned with student service programs. He is chairman of an American College Personnel Association task force on the organization and management of student affairs programs and is a member of the National Association of Student Personnel Administrators and the American Personnel and Guidance Association.

He has also been involved in a number of state-wide studies on such subjects as housing, counseling, admissions, and service fees for students, and on faculty staffing. A graduate of University of California and Michigan State University, where he completed study for his Doctor of Philosophy Degree, Dr. Chandler is married and makes his home in San Luis Obispo. His wife, Arlene, is on the faculty of nearby Cuesta Community College.

A consultative committee, including students, faculty, and staff representation, will be formed in the near future to consider applications. Composition of the committee will be:

Four members from the Student Affairs Division (two representing academic employees and two represent-



BROWN WON'T SPEAK AT POLY

An invitation to Governor Edmund G. Brown Jr. to be the Cal Poly Commencement speaker has been declined, according to work received by the office of President Robert E. Kennedy from the Governor's Office. B. Robert Timone (Assistant to the Dean of Students) chairman of the Commencement Committee, said that the invitation to Governor Brown had been extended by President Kennedy on the committee's behalf. Information that the Governor would be unable to be the Commencement speaker was received by President Kennedy shortly after he told a campus student group that the invitation had been extended. Timone said an announcement of who will be Commendement speaker will be forthcoming shortly.

(continued on page 2)

DEAN CHANDLER TO RETIRE (continued)

ing staff employees) with no more than one from any functional department.

Two members from the faculty with no more than one from any school/division or the library.

One employee from Auxiliary Services.

One employee from the business Affairs Division.

One instructional dean, appointed by the Vice-President for Academic Affairs.

Two students in good academic standing of at least third-year status, with a minimum of three quarters of academic work at Cal Poly.

The process of appointment of these representatives is addressed in Administrative Bulletin AB 77-3 available in all copies of the Campus Administration Manual.

The committee will review all applications received as part of the nationwide search for Dean of Students; screen and interview candidates; and make recommendations to the president. It is hoped that selection of the new dean will be announced in November. Those interested in applying during the period of May 1 through Aug. 1, should address inquiries to the President's Office.

CAL POLY FOUNDATION BOARD MEETING

The Board of Directors of the California Polytechnic State University Foundation will hold a regular meeting on Monday, May 16, 1977 at 8:30 am in Conference Room 409, Admin. Bldg. on the California Polytechnic State University campus in San Luis Obispo, Calif. This is a public meeting. For further information about this meeting, or to obtain a copy of the meeting agenda, contact Al Amaral (Executive Director, Cal Poly Foundation) in University Union 212, or call Ext. 1131.

BUDGET TRANSFER DEADLINE

To enable the university Financial Operations staff to comply with the Chancellor's Office budget transfer deadline for Fiscal Year 1976-77, James R. Landreth (Director of Business Affairs) has announced May 15, as the last day on which departments may submit requests for budget transfers between accounts. Landreth recommends that all areas review their needs for the remainder of the fiscal year, particularly in the area of Student Assistants and Operating Expenses, to ensure that necessary transfers are made to accommodate needs. Any questions regarding budget transfers should be referred to the Budget Office staff at Ext. 2091.

Typewritten copy intended for the next issue of *Cal Poly report* must be received prior to 12 noon on Monday (May 9) in the Public Affairs Office, Adm. 125. Copy intended for *Cal Poly Dateline* is due in the Public Affairs Office by 12 noon on Wednesday (May 11).

TWO NEW ACADEMIC PROGRAMS

The office of the Chancellor of The California State University and Colleges has announced approval of two new academic programs at Cal Poly. Both will be implemented in the 1977-78 academic year.

The program in Applied Art and Design will lead to a Bachelor of Science Degree. Options will be available in Crafts Design and in Graphic Design. The program will be administered by the Art Department.

The program titled Civil Engineering, with options in Transportation and in Public Works, will also lead to the B.S. Degree. The program will be offered by the Civil Engineering Department (currently the Transportation Engineering Department). The option in Transportation replaces the current major in Transportation Engineering.



CAPS AND GOWNS REMINDER

Faculty and staff are reminded that all orders for purchase of academic regalia must be placed with chest and head measurements made at El Corral Bookstore before 12 noon on Monday (May 2). All orders for rent must be placed with measurements before 12 noon on Monday (May 16). Persons who rented caps and gowns last year need only telephone Mrs. Williams at Ext. 1101, to leave their orders, as their measurements are on file. An announcement will be made in the *Cal Poly Report* when the caps and gowns are received. The supplier of caps and gowns cannot guarantee delivery in time for graduation if orders are placed late. For materials and prices please refer to the Apr. 14 issue of *Cal Poly Report*.

STAFF SENATE ELECTIONS

Staff Senate elections will be taking place next week. Eligible staff members (greater than half-time positions) will receive their ballots on Thursday (May 5). These ballots are to be returned to the Staff Senate Elections Committee, c/o Anna Boken, Chase 218 by Thursday (May 12). Staff members in areas electing representatives (Administration, Business Affairs, Student Affairs, Division of Social Sciences, Schools of Business, Communicative Arts and Humanities, Science and Mathematics, and Auxiliary Services) not receiving ballots may contact Anna Boken at Ext. 2070 before May 10 to obtain a ballot.



**TEAMING WITH
YOU for
SAFETY!**

CATALOG SCHEDULE REVISED

President Kennedy has approved a recommended change in the schedule of preparing and reviewing proposed changes in new catalog copy. The changes which will be included in the next revision of the Campus Administrative Manual, are effective for the 1979-81 catalog. The chief modification is that the department review and development of 1979-81 proposals will not begin until after July 1977.

The schedule of approved changes is as follows:

July 1977 through Dec. 1, 1977	Department review and development of 1979-81 proposals
Dec. 1, 1977 through Feb. 15, 1978	Dean's review, evaluation consultation with faculty and submission of catalog proposals
Feb. 15, 1978 through May 15, 1978	Review by Academic Vice President, Academic Senate, and Academic Council
May 15, 1978 through July 1978	Final review and decisions by Academic Vice President and President
Aug. 1978 through Oct. 1978	Deans' offices prepare layout and submit final copy
Nov. 1978 through Mar. 1979	Preparation and submission of manuscript to printer, checking of galley and page proof, printing, binding

FAMOUS AMATEUR WILL TALK AT POLY



There is more than a little bit of Thurber's Walter Mitty in George Plimpton, featured guest speaker for the spring presentation of the ASI Speakers Forum. Plimpton will offer his thoughts on being an amateur in the world of professionals in Chumash

Auditorium on Thursday (May 12) at 8 pm. The public is invited to attend. General admission ticket prices are \$2 for students and \$3 for the public.

The term "amateur" comes from the latin word for lover and it is with this view that Plimpton has approached the "Pro-only" worlds of boxing, tennis, golf, bridge, football, baseball, swimming, and orchestral instrumentalist. He received a BA in 1948 from Harvard University, where he edited the *Harvard Lampoon*. He later received a BA and MA in English from King's College at Cambridge University in England. During World War Two he served in the Army as a tank driver, advancing rapidly from a private to second lieutenant in the process. He was editor-in-chief of the highly acclaimed literary quarterly, *Paris Review*; has written for *Playboy*, *Sports Illustrated*, *Harper's*, *Vogue*, *Esquire*, the *New Yorker*; and was associate editor of *Horizon* magazine from 1959 to 1961.

Not merely content to witness and report on the activities of famous and important persons, Plimpton takes the next step into the area of participation. He has played tennis with Pancho Gonzales, golf with Sam Snead, and bridge with Oswald Jacoby. He fought three rounds with heavyweight boxer Archie Moore (receiving a bloody nose for his effort), pitched an endless inning to a line-up of major-league baseball all stars, was "last string" quarterback for the Detroit football Lions during training season, swam against Olympian Don Schollander, and performed on the bells with the New York Philharmonic Orchestra.

Plimpton is the author of "Paper Lion" (which was made into a successful movie starring Alan Alda), "Out of My League" (recounting his experiences with baseball's all stars in Yankee Stadium), and "The Bogey Man," about golf. Searching for new worlds to conquer as a non-pro, Plimpton sought out the entertainment area, and proceeded to try his luck as a stand-up comic on the stage of Caesar's Palace in Las Vegas, performed on the high wire in the circus act, and appeared with John Wayne in the film "Rio Lobo." He also had a walk-on part in the film "Lawrence of Arabia" and a small part with Frank Sinatra in "The Detective."

NEW INFANT/TODDLER PROGRAM

The Child Development Department has openings during Summer Quarter 1977 in a new Infant-Toddler Lab School Program. The program is designed for 6 male and 6 female infants who will be at least 12 months old and walking by June 1, and no older than 2½ years by Sept. 1. The program will be held in the Sierra Lab on the Cal Poly campus Tuesday and Thursday mornings from 9 am to noon, beginning on Tuesday (June 28).

The lab school will focus on the individual development of the toddler in four main areas: physical, intellectual, social and emotional. Play, exploration and discovery will be emphasized. A quiet nap area will be available and a midmorning snack will be provided. Parents will be asked to provide bottles, diapers and any other special materials their child may require. The lab school will follow the parents' toilet training schedule if this has begun.

The program will be under the supervision of Ned Schultz (Child Development) a specialist in infant development. A tuition charge of \$15 for the quarter will cover snacks and materials. Enrollment, which will be on a first-come basis, can be accomplished by calling the department at Ext. 2847.

DEFENSIVE DRIVER PROGRAM REMINDER

The defensive driver training program will be held Tuesday, (May 17) through Thursday (May 19). All faculty and students who have never received Defensive Driver Training Cards must attend if they wish to drive state vehicles. Attendance is by reservation in advance, on a first come, first served basis. Space is limited and may be reserved by completing reservations forms available at the Transportation Services Office. For further information call Ext. 2451.



SALE OF SURPLUS PROPERTY

A sale of surveyed property, surplus to the needs of the university, will be conducted by bid Tuesday (May 10) from 8:30 am to 4 pm at the receiving warehouse, Building No. 70. Anyone bidding on more than one like item and being the successful bidder must take all items or none.

A list of the successful bidders will be posted on Thursday (May 12) and items will be picked up on that day. The university reserves the right to refuse any and all bids.

FURTHER DETAILS ON HOMECOMING

Saturday, October 29 has been selected as the date for 1977 Cal Poly Homecoming festivities, according to Student Homecoming Committee Chairman, Jim Rogers. The Committee has received concurrence on the date from President Robert E. Kennedy and Alumni Association President John J. Lucin. The Alumni Association will honor selected distinguished alumni during that weekend. The Mustang football team will host Simon Fraser University in a 7:30 pm contest that evening in Mustang Stadium.

ADVISOR SOUGHT

Alpha Phi Omega, a national service fraternity, is looking for members of the faculty or staff who were members, and are interested in serving as advisor. Please contact the Activities Planning Center at Ext. 2476 or Luis Leon at 772-7514.

INTERRUPTION OF COMPUTER SERVICE

Physical relocation of equipment for the imminent 360/50 CPU upgrade will cause a disruption of service to users of RJE, the OS/360 batch system, the RSTS/ local timesharing system and the NOS central timesharing system. The duration of the interruption is tentatively estimated at 16 hours. Because there are so many factors involved, an exact date cannot be picked yet. When the date is known (probably in the first or second week of May) announcements will be posted in the Computer Center and in the timesharing NEWS.

WIVES' CLUB LUNCHEON

The Cal Poly Wives' Club May Luncheon will be held Saturday (May 14) at noon at Vista Grande. The program will feature JoAnn Fitzgibbons who will talk on trends in fashion. Tickets are priced at \$4.50, and must be purchased by May 10. Members are welcome to bring a guest.

FLOWERS AND PLANTS FOR MOTHER'S DAY

Mother's Day is Sunday (May 8) and the Poly Plant Shop has the appropriate gift. Favorite Mother's Day forget-me-nots include: indoor foliage plants - tropicals, caladiums, bromeliads and ferns; potted flowering plants - begonias, miniature roses, african violets and cyclamens; plus colorful hanging baskets of annuals, begonias and fuchsias. The Poly Plant Shop, located in the O.H. Unit, is open Monday through Friday from 1 to 5 pm and on Saturday from 9 am to 5 pm.



LANDSCAPE DESIGNS EXHIBITED

Designs and drawings by landscape architecture students at Cal Poly will be the subject of an exhibit scheduled for Wednesday and Thursday (May 4 and 5) in the Grading Gallery (Room 105) of the new Architecture and Environmental Design Building. John F. Gillham (Architecture and Environmental Design) said exhibit hours will be 1 pm to 5 pm and 7 pm to 9 pm on Wednesday (May 4) and 9 am to 5 pm on Thursday (May 5). Admission will be free and the public is invited.

FACULTY PROMOTIONS ANNOUNCED

President Kennedy has announced the promotions of 74 Cal Poly faculty members effective Sep. 1, contingent upon the approval of funds for faculty promotions as currently contained in the Governor's Budget. The promotions include 27 to the academic rank of Professor or Principal Vocational Instructor, 45 to the rank of Associate Professor or Senior Vocational Instructor, and 2 to the rank of Intermediate Vocational Instructor. President Kennedy extended his congratulations and appreciation to the following faculty members receiving promotion:

TO PROFESSOR:

John P. Adams
Milton Drandell
Alfred Landwehr
John H. Mott
Michael J. Wenzl
Max E. Riedlsperger
William V. Johnson
Stanislaus J. Dundon
Robert Levison
Ruth James
James L. Webb
Evelyn I. Pellaton
David G. Williamson
Sing-chou Wu
Thomas E. Hale
Rex L. Hutton
Lawrence H. Balthaser
Leonard W. Wall
Malcolm W. Wilson

Economics
Management
English
English
English
History
Music
Philosophy
Education
Home Economics
Men's Physical Education
Women's Physical Education
Chemistry
Computer Science and Statistics
Mathematics
Mathematics
Physics
Physics
Graduate Studies

TO PRINCIPAL VOCATIONAL INSTRUCTOR:

Marvin J. Whals
Thomas E. Eltzroth
Guy H. Thomas, Jr.
Michael M. Cirovic
John W. McCombs
Alex Gernert
Philip Niles
Paul E. Scheffer

Natural Resources Management
Ornamental Horticulture
Graphic Communications
Electrical and Electronic Engineering
Electrical and Electronic Engineering
Engineering Technology
Environmental Engineering
Industrial Engineering

TO ASSOCIATE PROFESSOR:

Paul Kenyon
Frederick O'Toole
Kendrick W. Walker
James R. Conway
Joyce H. Wright
James W. Coleman
Barbara E. Cook
Patrick C. McKim
Margaret J. Glaser
Daniel L. Hawthorne
Jaime S. Colome
Alvin A. DeJong
Peter Jankay
Malcolm G. McLeod
Maria E. Ortiz
Rhonda Riggins-Pimentel
Archie M. Waterbury
Judith L. Fries
James D. Westover

Business Administration
Philosophy
Philosophy
Speech Communication
Speech Communication
Social Sciences
Social Sciences
Social Sciences
Education
Psychology
Biological Sciences
Biological Sciences
Biological Sciences
Biological Sciences
Biological Sciences
Biological Sciences
Chemistry
Chemistry



SENATORS APPROVE CAL POLY LIBRARY

The Subcommittee on Higher Education of the Senate Finance Committee approved a state capital outlay budget item for Cal Poly's proposed new \$11.5 million library on Thursday (May 5). The four-man subcommittee, chaired by Senator Walter Stiern (Bakersfield), considered the library item in post-secondary education budget hearings in Sacramento.

President Robert E. Kennedy, who was present on behalf of all the capital outlay items in the budget request of The California State University and Colleges system, attended the hearings as did E. Douglas Gerard (Executive Dean).

President Kennedy said that the consideration and support of the Cal Poly Library item was in large part due to the efforts of local legislators, Senator Robert Nimmo and Assemblywoman Carol Hallett. The Assembly Ways and Means Subcommittee hearing on post-secondary education budgets is scheduled to get underway at 8 am on Tuesday (May 10).

In addition to Senator Stiern, the Senate Finance Subcommittee members are Senator Albert Rodda (Sacramento), Senator Lou Cusanovich (Ventura), and Senator John Stull (Riverside/Imperial). Members of the Assembly Ways and Means Subcommittee, chaired by Assemblyman John Vasconcellos (San Jose), included Assemblymen Gordon Duffey (Hanford), Gary Hart (Santa Barbara), and Jerry Lewis (Redlands/San Bernardino), and Assemblywoman Theresa Hughes (Los Angeles).

The Cal Poly Library item was in the proposed capital outlay budget for 1977-78 approved by the Board of Trustees of The California State University and Colleges, but was not included in the budget submitted by Governor Brown to the Legislature.

Jay S. Bayne
James L. Beug
Joseph E. Grimes
Bernard W. Banks
Harvey C. Greenwald
Jean McDill
Thomas D. O'Neil
Lois M. Dirkes
Carol A. Geer
Neil W. Webre

Computer Science and Statistics
Computer Science and Statistics
Computer Science and Statistics
Mathematics
Mathematics
Mathematics
Mathematics
Counseling Center
Counseling Center
Computer Science and Statistics

TO SENIOR VOCATIONAL INSTRUCTOR:

Joseph E. Sabol
Renney J. Avey
H. Clay Little
Gene A. Armstrong
Alan Foutz
Mary Y. Wang
Anthony E. Knabe
William E. Noble
Delmar D. Dingus
Sixto E. Moreira
Steven C. Orlick
Philip F. Winninghoff
W. Stephen Mott
James G. Edwards
Frederick B. Malmberg
E. Edgar Watson

Agricultural Education
Agricultural Management
Agricultural Management
Animal Science
Crop Science
Food Industries
Natural Resources Management
Ornamental Horticulture
Soil Science
Architecture and Environmental Design
Architecture and Environmental Design
Architecture and Environmental Design
Graphic Communications
Industrial Technology
Mechanical Engineering
Audio-Visual Services

TO INTERMEDIATE VOCATIONAL INSTRUCTOR:

Michael H. Hall
Robert T. Rutherford

Animal Science
Animal Science



NEW EMPLOYEES, TRANSFERS, AND PROMOTIONS

Donald L. Shelton, Director, Personnel Relations, announces the following appointments to new positions and promotions in the support staff personnel for April, 1977. A hearty welcome is extended to the new members of the Cal Poly staff and congratulations to those that have been promoted!

New Employees:

Austin, Jon
Connor, Lynette
Coulter, Robert D.
Fagnan, Maria T.
Ferguson, Margaret
Garing, Helen K.
Howard, Rachelle D.
McIntyre, Liliana
Niemie, Judy
Noeln, Carol
Patlan, Jesse
Quiros, Kelly

Custodian, Plant Operations
Key punch Operator, Financial Operations
Technical Assistant I, Audiovisual Services
Student Affairs Assistant, Educational Opportunity Program
Clerical Assistant II, General Office
Clerical Assistant II, Agricultural Management
Clerical Assistant II, Admissions and Records
Assistant Administrative Analyst, Admission and Records
Clerical Assistant II, Financial Aid
Custodian, Plant Operations
Custodian, Plant Operations
Computer Operator, Computer Center

Promotions:

Diaz, Lee A.

Supervising Account Clerk I, Financial Operations

DEAN OF STUDENTS

Based on Dean Everett M. Chandler's pending retirement, Cal Poly is accepting applications for the position of Dean of Students. The anticipated appointment date is Jan. 1, 1978. Qualifications: appropriate doctorate and at least five years experience as an administrator fully responsible for the multiple functions of a comprehensive student affairs program at a large public or private university. Specific skills should include: organizational development, educational and career planning with an emphasis on student development, campus needs assessment, and consultative management. Salary: \$28,332 - \$34,260 (12 month appointment). Apply by August 1, 1977 to President Robert E. Kennedy, Administration 407, California Polytechnic State University, San Luis Obispo, California, 93407. Applications should include a concise summary of education, qualifications, and references. Affirmative Action/Equal Opportunity/Title IX Employer

CANDIDATES FOR FACULTY POSITIONS BEING SOUGHT

Candidates for positions on the faculty of the University are presently being sought, according to Donald L. Shelton (Director, 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 opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendment Act. All interested persons are encouraged to apply.

Lecturer, \$715-\$943/quarter, part-time position, Natural Resources Management Department, School of Agriculture and Natural Resources. Teach one course in Introduction to Fish and Wildlife Management. Bachelor's Degree in field appropriate to teaching responsibilities. Appointment level will depend upon experience and qualifications. Position available for Summer Quarter 1977. Closing date: 5/15/77.

Lecturer, \$1,376-\$1,813/quarter, 1/3 time, Natural Resources Management Department, School of Agriculture and Natural Resources. Teach Forest Resources or Resource Fire Control. Bachelor's Degree in field appropriate to teaching responsibilities, experience, and qualifications. Position available for Fall Quarter 1977. Closing date: 7/1/77.

(continued)

Faculty Vacancy (continued)

Lecturer, \$1,376-\$1,813/quarter, 1/3 time, Natural Resources Management Department, School of Agriculture and Natural Resources. Teach Introduction to Natural Resources Management or Recreation Systems and Management. Bachelor's Degree in Field appropriate to teaching responsibilities, with management and teaching experience. Appointment level will depend upon experience and qualifications. Position available for Fall Quarter 1977. Closing date: 7/1/77.

Lecturer, \$9,048-\$17,368/total for two quarters, Accounting Department, School of Business. Full-time positions for Winter and Spring Quarter 1978. Duties and responsibilities include teaching 12 hours per week in the area of tax, managerial, intermediate, cost principles, or auditing. Doctorate in accounting required, professional certification desirable. Position available: 1/1/78. Closing date: 5/20/77.

SUPPORT 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. Applications shall be on official forms. Contact the Personnel Office to obtain an application. 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 Amendment.

Senior Secretary, \$899-\$1078/month, Dean's Office, School of Agriculture and Natural Resources. Duties: administrative and program responsibilities; assumes full range of secretarial, administrative and coordinative activities; maintains office files and records; and responsible for coordinating departments in school to meet administrative deadlines. Requirements: high school graduate, three years clerical experience with at least one year experience equivalent to this level, type 45 wpm, shorthand 100 wpm, and must have taken the General Clerical Test. Closing date: 5/12/77.

Supervising Programmer, \$1,433-\$1,727/month, Computer Center, Administrative Affairs. Duties: responsible for university administrative computing applications development; supervise three full-time programmers and student assistants; analyses, designs and schedules standards and documentations. Requirements: 1 year experience comparable to Program-

mer II with related advanced degree and supervisory experience, and demonstrated excellence in programming, file management and mandatory communications skills. Closing date: 5/19/77.

Programmer II, \$1,307-\$1,573/month, Computer Center, Administrative Affairs. Duties: complete responsibility for OS MFT-HASP system generation, maintenance and performance evaluation; opportunity to work with RST, UNIX and various specialized systems. Requirements: college graduate with related degree and 1 year as a Programmer I or 2 years experience in Computer Programming with demonstrated excellence in operating systems support, programming at assembly level, and mandatory writing skills. Closing date: 5/19/77.

Programmer I, \$1,097-\$1,319/month, Computer Center, Administrative Affairs. Duties: aiding and guiding students and faculty in computing applications in multiple languages operating under batch and time-shared systems, library maintenance, and documentation. Requirements: college graduate with related degree and knowledge of computing applications (especially statistics), plus one year of experience with several languages, and demonstrated excellence in written and oral communications. Closing date: 5/19/77.

Mail Clerk, \$735-\$879/month, Mail Services, Business Affairs. Duties: makes campus mail pick ups and deliveries; receives, sorts, and distributes to various departments and divisions: must make arithmetical computations involved in metering U.S. mail. Requirements: high school graduate, 1 year clerical office work, stock clerk or delivery work (experience may be substituted for education on a year for year basis). Closing date: 5/12/77.

FOUNDATION STAFF VACANCY

The Foundation is accepting applications for the following open position as announced by J. L. Fryer, Personnel Officer. Interested applicants may apply at the Foundation Personnel Office, University Union Building, Room 212, 546-1121. Cal Poly Foundation is subject to the requirements of Executive Order 11246 and is an Affirmative Action and Title IX Employer. All interested persons are encouraged to apply.

Recruitment/Placement Officer, \$1049/mo, High School Equivalency Program (thru end of program year; continued employment subject to federal funding and performance). Develop recruitment programs; testing, screening, selection; job development/placement; counseling,

travel up to one week per month. Requirements: B.A. preferably in Business Administration and/or successful placement experience; familiarity with farmworkers; bilingual (Spanish/English). Closing date: May 19, 1977.

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

John Snetsinger, History, presented a paper, *Jewish and Italian American Influence on Diplomacy: Test Cases in Ethnic Politics*, at the Second Joint Conference of The American Italian Historical Association and The American Jewish Historical Society at Brandeis University at Waltham, Mass., Mar. 28.

Frank P. Thrasher, Crop Science, attended the 1977 meeting of the California Seed Association held Mar. 13-16 in Carlsbad, Calif. He was elected secretary of the California Seed Council which serves as a governing body for the Association.

James L. Webb, Men's Physical Education, recently attended the 44th Annual State Conference for the California Association of Health, Physical Education and Recreation held in Anaheim where he presented a research paper titled "Blood Doping."

Leslie B. Andrews and Carolyn Proctor, Placement, attended the Spring Workshop of the California Educational Placement Association in San Francisco, Apr. 1-2.

Morris Marden, Mathematics, gave a lecture in the Mathematics Colloquium at University of California, Santa Barbara on May 3. His topic was "Value Distributions of Harmonic Polynomials."

Steve Miller, Head Track Coach, has been appointed California Chairman of the United States Track and Field Federation. This appointment was made by Carl Cooper, Executive Director of U.S.T.F.F. **Arthur C.W. Bethel, Philosophy**, presented a paper to students and faculty at Westmont College, Apr. 12, on the topic "Liberty, Slavery, and Paternalism."

Ivan Orelli, Library, attended the organizational meeting of head Catalogers of the Northern CSUC Libraries at Cal State University, Hayward, March 25. Orelli also recently had four bibliographical annotations published in Hungarian literature in the December 1976 issue of *Twentieth Century Literature*.

Carolyn Shank, Women's Physical Education, conducted a synchronized swim clinic for central coast high school girls and teachers at Arroyo Grande High School, Apr. 16.

Helen P. Kelley, Art, attended the Executive Board meeting of the Professional Photographers of California, serving on the Education, Certification and Legislation Committee. The meeting was held on Apr. 17, in Fresno. Certification of Professional Photographers in California was also discussed.

David H. Chipping, Physics, has been appointed Danforth Associate for a six -- year term starting June 1, 1977. The Danforth Associateships are designed to promote innovative teaching methods and improve faculty-student relationships.

Kendrick W. Walker, Philosophy, attended the Pacific Division meeting of the American Philosophical Association in Portland, Mar. 25-27.

Ronald F. Brown, Physics, is extensively reviewing the manuscript for a new text entitled "Physics," by Melissinos, Lobkowitz and Walters. W. B. Sanders, publisher of the text, is working closely with Dr. Brown in this undertaking.

Douglas C. Jones, Student Activities Information Director, went to San Diego for the Region 11 Conference, Society of Professional Journalism, Sigma Delta Chi, Apr. 29-30.

Walter E. "Walt" Elliott, Physics, recently visited Junipero Serra High School in San Diego to deliver a lecture-slide show on his atomic collisions research before the honors and advanced placement physics students. While there, he visited classes of the Test Center for Career-Oriented Technical Physics Curriculum Project of which he is co-developer and chief editor.

Joanne B. Ruggles, Art and Architecture, silkscreen prints will be shown in the Laguna Gloria Art Museum's 66th Annual Exhibition sponsored by the Texas Fine Arts Association. After exhibition in Austin the show will tour Texas through May 1978.

Singchou Wu, Computer Science and Statistics, co-authored an article that appeared in the Feb. 1977, *Journal of Applied Meteorology*. The article is titled "Covariance Analysis Technique Based on Bivariate Log-Normal Distribution with Weather Modification Applications."

Steven H. Yoneda, Head Athletic Trainer, presented two sessions on prophylactic adhesive strapping for athletic injuries to the meeting of the Seventh Annual Sports Medicine Conference of the San Francisco Medical Society. The meetings were in conjunction with the California Coaches' Association Clinic in San Francisco, Mar. 25-26, 1977.

Robert J. Huot, English, judged the recent Junior High and High School Essay Contest sponsored by the San Luis Obispo Board of Realtors. The topic of this year's contest was "Why Owning Your Own Property Makes America a Better Place." Dr. Huot spoke to the realtors, their families, and guests at their annual banquet, Apr. 21, and announced the winners, explained the criteria involved, and commented on problems facing young writers and English teachers.

Steven C. Orlick, Architecture and Environmental Design, attended the 1977 California Chapter of the American Institute of Planners annual conference in Long Beach, Apr. 4-8. Dr. Orlick is an officer of the California Chapter.

Paul R. Neel, Director, Architecture and Environmental Design, attended a meeting of the Professional Development Committee of the California Council of the American Institute of Architects in El Segundo, Apr. 5.

William H. Brown, Director, Architecture and Environmental Design, represented the construction Engineering program at Cal Poly while attending the annual meeting of the Associated Schools of Construction. Brown is Western Regional Director. The meeting was held Apr. 20-22 in Ames, Iowa.

J. Handel Evans, Associate Dean, Architecture and Environmental Design, represented Cal Poly at the annual meeting of the Association of Collegiate Schools of Architecture held in Columbus, Indiana, Apr. 20-24.

Robert F. Asbury, Associate Dean, Architecture and Environmental Design, was guest speaker for a group of alumni representing classes 1969 through 1975 at a meeting at Monterey Dune Colony, Apr. 22-24.

Kenneth E. Schwartz, Director, Architecture and Environmental Design, attended the Annual Spring Conference of the California Council of Architectural Education held in San Francisco, Apr. 21 and 22.

John Y. Hsu, Computer Science and Statistics, has been appointed as a National lecturer of the Association for Computing Machinery this year. His Lecture topics include Computer Architecture, Operating Systems and Computer Performance Evaluations. Dr. Hsu has visited those campuses of San Diego State University and Montana State University.

Ochong Okelo, Biological Sciences, attended a conference of The Pacific Coast Africanist Association at Chico State University, Apr. 22-23. At the conference he presented a paper titled "Scientific Research in Kenya," based on a comparison of the research conditions as they were when he worked there as a researcher and as they were last summer when he visited the country. The paper will be published in the association's journal.

James R. Emmel, Head, Speech Communication, attended the California Speech Association Spring Conference in San Diego, Apr. 22 and 23. Dr. Emmel was a member of a panel discussion titled "Back to Fundamentals, Whether We Like it or Not."

Lawrence J. Wolf, Director, Financial Aid, has become a member of the California Student Aid Commission's Advisory Group. This group will study and make recommendations on requirements of a single financial data form, a common program eligibility form, and standardized student budgets. The advisory group includes representatives from the California Association of Student Financial Aid Administrators, students, and secondary school counselors.

James S. Kalathil, Physics, has been notified that he completed all requirements for the Ph.D. Degree at University of Nevada, Reno. His dissertation is entitled, *A Comparative Study of Cumulus Cloud Models*. Dr. Kalathil has been a member of the Physics Department faculty since 1965.

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# encouraging notes

May 5, 1977

PROPOSAL WRITING SEMINARS. In order to accommodate tight schedules, the Coordinator, Research Development, will again give proposal writing seminars in one-hour stints this quarter. Two identical series of seminars will be given, so that the same material will be covered in the sessions given in the same week.

|             |                                                                 | SERIES I<br>(Wednesdays 12-1)<br>(Room - MHE 203 ) | SERIES II<br>(Thursdays 1-2)<br>(Room - Ag 138) |
|-------------|-----------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------|
| SESSION I   | Getting Organized<br>Identifying Sponsors<br>Initial Approaches | 5/11/77                                            | 5/12/77                                         |
| SESSION II  | Proposal Narrative                                              | 5/18/77                                            | 5/19/77                                         |
| SESSION III | Workshop (Optional)                                             | 5/25/77                                            | 5/26/77                                         |

All interested are welcome to attend.

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NSF - SCIENTISTS AND ENGINEERS IN ECONOMIC DEVELOPMENT. June 1, 1977, is the first closing date for SEED applications for the second half of 1977. A second closing date for the program will be December 1, 1977. The program's objectives are to: (1) enable U.S. scientists and engineers to share experiences with their counterparts in developing countries through the conduct of specific research and education projects contributing to the economic development of the host country; (2) establish long-term collaborative relationships between U.S. and foreign institutions; and (3) increase the capability of scientific and technical institutions in developing countries to contribute to economic development.

Two types of awards are available: (1) RESEARCH/TEACHING GRANTS--individuals apply through their institutions for support to conduct research or teach (or both) in foreign countries. (2) INTERNATIONAL TRAVEL AWARDS--individual U.S. scientists and engineers may apply directly for international travel support for participating in projects which require only a limited amount of time or which can proceed with only one or two consultative visits. In addition, travel awards may be used to support visits by persons who are involved in the planning of Research/Teaching projects when such visits are likely to improve the quality of a project and logistical arrangements.

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NSF - ETHICS & VALUES IN SCIENCE AND TECHNOLOGY. This program supports research, conferences, workshops, and institutes that deal with: value issues in the professional education and conduct of scientists and engineers; value issues in the professional education and conduct of scientists and engineers; value issues associated with scientific and technological innovation; and value issues in institutional choices. Preliminary proposals for the EVIST Program are due on September 1, 1977. Formal proposals will be due December 1, 1977.

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NSF - NATO ADVANCED STUDY INSTITUTES IN EUROPE. Advanced graduate and post-doctoral students, and other junior-level faculty or scientists who are U.S. citizens, are eligible to apply for round-trip airline ticket awards to any of the 38 North Atlantic Treaty Organization Study Institutes to be held in the summer of 1977. It is anticipated that 80 student participants will be assisted this year. The Institutes are intended to provide advanced instruction on highly specialized topics in an environment that will promote international scientific exchange and cooperation. Subjects covered: astronomy, chemistry, computer science, engineering, geology, physics, mathematics, and life sciences. DEADLINE: TO BE ARRANGED. Contact: Division of Science Manpower, Mrs. Dryzer, (202) 282-7916.

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NSF - GEOCHEMISTRY, GEOLOGY, AND GEOPHYSICS PROGRAMS. Cost-sharing funding is available to U.S. colleges and universities and academically-related nonprofit research organizations to increase better knowledge of the Earth and the forces that affect the Earth's interior and modify its surfaces, as well as understanding the processes that have produced petroleum, coal, metal and other Earth resources. DEADLINE: July 1, 1977.

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NSF - US-AUSTRALIA COOPERATIVE SCIENCE PROGRAM. Travel funds to American academic institutions, government laboratories, professional societies, and other private and public scientific organizations to formulate and participate in joint seminar/workshops on an appropriate scientific subject of mutual interest to both countries, and for the purpose of exchanging information or developing collaborative research. Individual scientists participating in this program must be U.S. citizens or permanent residents and should have at least five years postdoctoral or equivalent professional scientific experience. DEADLINE: July 1, 1977.

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NSF - US-ISRAEL BINATIONAL SCIENCE FOUNDATION. Cost-sharing grants to scientists from institutions of higher education, government research organizations, hospitals, and other nonprofit research organizations are available to support and promote cooperation between the U.S. and Israel in scientific and technological research. Such research may take the form of: (1) Joint research activities wherein interdependent projects of a single program are conducted in different laboratories and involve different funding sources; (2) provision of research facilities, materials, and services to participating scientists; (3) interchange of personnel; or (4) joint planning of research design and evaluation of the results.

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NOAA - SEA GRANT SUPPORT. The National Oceanic and Atmospheric Administration accepts unsolicited proposals for all interested individuals and organizations for marine research support, development, education, and training. Awards are made on at least a one-third matching basis. For further information, contact: Leo Craig, Executive Officer, 3300 Whitehaven Street, Washington, DC, 20235. NO DEADLINE.

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NATIONAL ENDOWMENT FOR THE HUMANITIES

6/1/77 GENERAL RESEARCH GRANTS - Varying stipends awarded to involve several individuals at the professional, assistant, and clerical levels to develop collaborative interdisciplinary research projects focused on the humanistic disciplines. The projects could include serious narrative histories on state and local levels; archeology; literature; philosophy; and the social sciences. Customary individual scholarships are also offered under this grants program.

6/1/77 FELLOWSHIPS FOR INDEPENDENT STUDY AND RESEARCH - Stipends of up to \$10,000 for six months or \$20,000 for 12 months of full-time study or research awarded to scholars, teachers, writers, and other interpreters of the humanities and social sciences. The funds are designed primarily to replace salary lost through taking a leave of absence.

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SIERRA CLUB FOUNDATION - ENVIRONMENTAL PROJECT GRANTS. Awards of \$250-\$5,000 granted to groups, organizations, and occasionally individuals, for conservation and environment projects which may encompass (but is not limited to) public education, environmental research, legal defense, and land preservation and recreation. The projects must be environmentally oriented and may not be legislative or lobbying in nature. Short term projects are preferred; renewal possibilities are excellent if the project is deserving. For further information, contact: Janet Kiplinger, Grants Officer, Sierra Club Foundation, 530 Bush Street, San Francisco, CA 94104. (415) 981-8634, extension 460.

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NIE - DEVELOPMENT OF CHILDREN'S CONCEPT OF NUMBER STUDY. The National Institute of Education has set a deadline of June 15 in response to RFP-NIE-R-77-0008, for RESEARCH ON THE NATURE AND DEVELOPMENT OF CHILDREN'S CONCEPTS OF NUMBER AND NUMERATION IN THE PRIMARY GRADES. The goals of this two-year research project include: (a) a deeper understanding of how children acquire or fail to acquire initial concepts of the decimal numeration system, including "place value;" (b) prototypic diagnostic instruments; and (c) hypotheses about instructional materials or techniques that might be particularly effective in teaching concepts of number and numeration. Respondents will be asked to assemble a team of investigators representing the fields of mathematics, psychology, and education. The study will be based in one or more primary-level classrooms in which a substantial proportion of students are members of a distinct cultural or linguistic minority group. The anticipated period of project performance will be August 1, 1977, through July 31, 1979. Further questions about the RFP may be addressed to A. Thompson (202) 254-5080. For copies of the RFP, write: National Institute of Education, Contracts and Grants Management Division, 1832 M Street, NW, Room 721, Washington, DC, 20208. ATTN: R. F. Wormwood, Contracting Officer.

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AOA - TRAINING PROJECTS. The Administration of Aging has announced that applications are being accepted to support projects in Fiscal Year 1977 under the Training Projects Program. Grants covered will be awarded in three categories: (1) Career Training; (2) Planning; and (3) Quality Improvement. A separate grant category for the exclusive application of State Agencies



#### AOA-TRAINING PROJECTS (continued)

on Aging is not covered by this program. Applications received by May 13, 1977, for the Career Training category and May 20, 1977, for the Planning and Quality Improvement categories which are complete and conform to the requirements will be accepted for review and consideration for an award.

The Training Projects Program supports grant activities which improve the quality of service and help meet critical shortage of adequately trained personnel for programs in the field of aging by providing a broad range of quality training and retraining opportunities, responsive to changing needs of programs in the field of aging; attracting a greater number of qualified persons into the field of aging; and helping to make personnel training programs more responsive to the need for trained personnel in the field of aging.

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ALCOHOL ABUSE AND ALCOHOLISM - GRANTS. Stipends of varying amounts for surveys, field trials, and demonstration projects in the problem areas of alcoholism. Surveys should involve research into existing programs and feasibility of developing new service programs. Field trials should be projects involved with testing ideas, organization, delivery systems, and treatment methods before applying them on a broad scale alcoholism prevention program. Demonstration projects should include, but are not limited to, demonstrating innovative programs or methods not previously used in the field, as well as demonstrating particular community programs. For general information, contact: Mr. David Orchard, Grants Management Officer, 5600 Fishers Lane, Rockville, Maryland, 20852. NO DEADLINE.

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NIH - BIOMEDICAL RESEARCH DEVELOPMENT GRANTS. The National Institute of Health offers up to three years of support for nonprofit institutions. These grants are intended to help establish significant involvement in biomedical and/or behavioral research in new, small, and developing institutions. DEADLINE: July 1, 1977.

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AMERICAN FEDERATION OF TEACHERS. Individual Grants are awarded to encourage research and writing projects related to the major issues facing all levels of education. High priority issues include the following: educational technology; certification of teachers; early childhood education, career and vocational education; adult, continuing, and lifelong education; career and vocational education; class size and its effects on learning; educational programs in urban centers; teacher effectiveness; and problems of curriculum. This manuscript should be in the form of a study providing insights, guidelines, and directions for the solution of today's pertinent education problems.

For further information, write: Dr. Robert D. Bhaerman, Director of Educational Research. American Federation of Teachers, 11 Dupont Circle, NW, Washington, D.C., 20036.

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