

CAL POLY REPORT

California Polytechnic State University
San Luis Obispo, California 93407

October 18, 1979
Volume 31, Number 11

AID-United Givers Campaign

President Warren J. Baker has announced that the 1979 AID-United Givers Campaign is currently underway. The Campaign will run from Monday (Oct. 22) to Monday (Dec. 3). President Baker, in giving his strong support to this worthwhile charitable campaign, has asked for appointment of AID captains for this year's campaign. Each employee will be personally contacted by a group captain to be given an opportunity to participate in this worthwhile campaign.

This is the only authorized campus charitable campaign for university personnel and this will be the tenth consecutive year that Cal Poly has participated. Inquiries regarding AID-United Givers, or related matters, may be made to Robert M. Negranti (Staff Personnel Officer) who is the campus coordinator for the AID program, at Ext. 2236.

The nineteen local charities that will benefit from this Campaign include Achievement House, American Cancer Society, American Heart Association, American Red Cross, Boy Scouts, Campfire Girls, Children's Home Society, Easter Seal Society, Family Services Center, Functional Living, Girl Scouts, Grass Roots II, Inc., Mental Health Association, Middlehouse, Muscular Dystrophy Association, National Foundation-March of Dimes, The Salvation Army, San Luis Obispo County Hotline, and YMCA.

Kelly New Procurement and Support Services Officer

LIBRARY ARCHIVES
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A recently retired U.S. Air Force officer with over 20 years of experience in contract management and procurement has begun his duties as procurement and support services officer at Cal Poly. James S. Kelly of Santa Maria began his new assignment on Monday (Oct. 8) following announcement of his appointment by President Warren J. Baker.

Kelly succeeds Donald M. Vert, who retired last year following an illness. Kay Patterson, who had been acting procurement and support services officer in the interim, has returned to her former duties as procurement assistant.

James R. Landreth (Director of Business Affairs) said Kelly will supervise the university's support services, including contracting, insurance management, purchasing, reproduction, communications, clerical services, transportation, receiving, stores, and mail

services. The new procurement and support services officer has been involved in private business since his retirement after 25 years of active duty in the Air Force in May of this year.

For three years before that he was director of contracting and support for the Space and Missile Test Center, Vandenberg Air Force Base. During that time he administered contracts valued at \$2 billion and had budgetary responsibility for \$45 million in purchases and \$20 million in programs annually.

Before that, he was chief of the Programs and Budget Division, system program director, and chief of procurement and production at Hanscom Air Force Base in Massachusetts. Kelly grew up in Gardner, Mass., where he attended Gardner High School, and is a graduate of San Diego State University, where he earned his bachelor's and master's degrees in business.



Early retirement extra service credit

Recently, Governor Brown signed into law Assembly Bill 876 (Hughes) which can provide CSUC employees up to two additional years of service credit in the PERS system under certain conditions. The bill becomes effective Jan. 1. The earliest possible date for retirements to qualify for the extra service credit will be Apr. 1.

Because the bill has a "sunset clause" in order for a retirement to qualify for extra service credit, it must take place before June 30. The bill provides for up to two additional years of service credit for retirement in the designated period of time of Apr. 1 - June 30 for employees with five or more years of service who have reached the minimum retirement age of 50.

This bill becomes operative only if the Governor, upon the recommendation of the Board of Trustees, determines that because of an impending curtailment of service the best interest of the State would be served if employees

retired during a designated period. At this time it is uncertain as to whether or not a lack of work or a lack of funding which approaches a layoff situation must exist before this provision becomes operative.

The two years credit is reduced if an employee is within two years of mandatory retirement. It is important to recognize that years of service credit is the only factor in estimating retirement benefits that have changed. The age factor and the final compensation factor are not changed as a result of the bill and neither should be increased when estimating the added retirement benefit.

It is expected that more information will be received on this new law some time in Nov. At that time, it will be distributed to campus employees. If you have any questions about this law, please contact Robert M. Negranti (Staff Personnel Officer) at Ext. 2236.

Multimedia art show open

A collection of 25 original paintings, monotypes, and linoleum cuts by Los Angeles artist Ruth Schrier is currently being featured in the Art Department Vestibule Gallery. Titled "Ruth Schrier: A Novel of Fantasy," the collection is open to viewing between 8 am and 5 pm on weekdays through Thursday (Nov. 1).

Included in the exhibit are eight of her unique monotypes that were developed over a period of several months. The initial image is oil painted on a sheet of glass. Schrier then drapes a thin sheet of rag paper over the painted glass to print the original oil image. After the paper has dried for about one month, she applies oil paint washes to "crisp the image." After an additional month of drying, Schrier works pastels over the oils, resulting in a textural effect.

Through her acrylic paintings, Schrier recreates a medieval effect using

modern materials. Using board instead of canvas, she applies eight layers of gesso, a thick plaster ground, and polishes the last layer to a smooth working surface. As in the medieval tradition, her brushstrokes are suppressed, and paints are laid on from dark to light. By softening the darker areas with colors close in tone, she creates an iridescent quality in her acrylic paintings.

Schrier has shown her works in numerous exhibitions, including solo shows at Glendale Community College, The CSUC Chancellor's Office in Long Beach, and at the Office of the Mayor of Los Angeles. The Cal Poly Art department Vestibule Gallery show is part of a continuing series of displays of art by students, faculty, and other artists presented by the university's Art Department, in the department office foyer in the Air Conditioning Engineering Building.

Books at High Noon

Reginald Gooden (Political Science) will review Raghavan N. Iyer's *Parapolitics and the City of Man* on Tuesday (Oct. 23) at noon in the Staff Dining Room. He has been teaching at Cal Poly since 1970 and received his PhD at the University of California at Santa Barbara.

Dr. Gooden's review will attempt to shatter common concepts of liberalism and conservatism. He will discuss the more traditional approaches of politics and the prospect of launching a humanistic and more imaginative political venture.

Raghavan N. Iyer is scheduled to be on campus to speak in the Arts and Humanities Lecture series Nov. 15 on the "Unfinished American Dream" and, later that evening, in a panel discussion on "Looking Forward; the Abundant Society." He was a Rhodes scholar and is currently professor at University of California at Santa Barbara.



Distinguished architect to speak

C. David Robinson of a San Francisco architectural firm, will be the speaker for the next program of the distinguished architects lecture series on Tuesday (Oct. 23). Announced for 8 pm in the Gallery (Room 105) of the Architecture and Environmental Design Building, his lecture will be titled "Robinson, Mills, and Williams: Recent Work." Admission will be free and the public is invited to join students, faculty, and staff.

A graduate of Princeton University and University of California, Berkeley, with degrees in both art and architecture, Robinson is a registered architect in California, Colorado, and Nevada. Now the partner in charge of marketing, his experience includes such projects as the master plan and renovations for San Francisco Museum of Modern Art; Bank of America regional headquarters buildings, San Mateo; master plan and buildings for the Bayhill Office Park, San Bruno; and Valley Bank Plaza, Reno. The distinguished architects lecture series is presented by the Cal Poly Architecture Department in cooperation with the ASI and the Central Coast Chapter of AIA.

Arts and Humanities: "Work"

Studs Terkel's book, *Working*, will provide the theme for the readers theater performance being planned as the next program of the 1979-80 Arts and Humanities Series. With "Where There's Work, There is Life: The Meaning of Work in American Experience" as its title, the program will be presented at 11 am on Thursday (Oct. 18) in University Union 220.

It will feature Pamela Cook Miller (Speech Communication) and Ralph Salgado portraying some of the multitude of American workers. Also included will be a multi-media presentation on the working experience that includes visuals by Donald Pimentel and a sound track by Clyde Slusser.

Dr. Miller is a graduate of Purdue University and University of Southern California. She formerly taught at University of Albuquerque and was a teacher in the University of New Mexico's All Indian Pueblo Council On-Site Teacher Training Program.

Currently on sabbatical leave from his teaching duties at California State University, Hayward, Dr. Salgado is a graduate of both University of Arizona and University of Southern California. He has been on the faculty of CSU, Hayward's Speech/Drama Department since 1972.

The 1979-80 Arts and Humanities Series is being planned around the unifying ideas of "Work, Play, and Worship" with the fall programs focused on "Work." The recipient of an \$8,000 grant from the California Council for the Humanities in Public Policy and the National Endowment for the Humanities, the series is being presented by the School of Communicative Arts and Humanities.

Retirement coffee for Ruth Lundquist

Ruth Lundquist will be retiring on Friday (Oct. 26) having served Cal Poly for more than 19 years. A reception in her honor will be held in the Staff Dining Room, Wednesday, (Oct. 24) from 2 pm to 4 pm. All faculty, staff and friends are invited to join in wishing her well in her retirement.

Sabbatical allocations released

According to Donald L. Shelton (Director of Personnel Relations) a list of eligible faculty members and the number of sabbatical leaves tentatively allocated to the schools for the 1980-81 academic year has been forwarded to each school dean. The distribution of the 31 sabbatical leave positions requested in the 1980-81 budget for the campus is based on the ratio of faculty eligible for sabbatical leave in each school to the total eligible in the University.

Shelton reports that for the 1980-81 academic year the tentative distribution of positions is as follows:

<u>Schools/Division</u>	<u>Allocation of Positions</u>
Agriculture and Natural Resources	5
Architecture and Environmental Design	2
Business	2
Communicative Arts and Humanities	5
Engineering and Technology	4
Human Development and Education	3
Science and Mathematics	9
Division of Social Sciences	1
	<u>31</u>

It should be noted that these allocations are tentative and are based on the proposed budget. Allocation to schools will be confirmed when the 1980-81 budget is approved in June 1980. Faculty members are reminded that applications for sabbatical leave and difference-in-pay leave must be submitted to their respective department head by Thursday (Nov. 1). Application forms may be obtained in the Personnel Office.

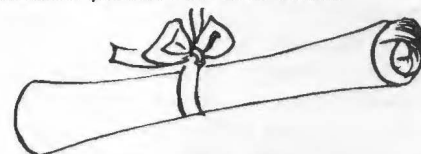
The revised sabbatical leave timetable, which will be published in the next edition of CAM, is as follows:

- November 1 Applications submitted to department head.
- November 10 Applications submitted to the appropriate school dean with the department head's recommendation following consultation with tenured members of the department.
- November 15 Applications submitted to appropriate school committee by school dean. Concurrently, the school dean will provide the Personnel Review Committee a list of names of all applicants and dates the applications were received by their respective department heads (November 15 - December 14) School committees interview applicants.
- December 15 Priority lists recommended by the school committees forwarded to the school deans.
- December 31 School deans forward a copy of their priority lists, the school committee's recommendations, the applications, and a report of the procedures followed in the recommendation process to the Chairman of the Personnel Review Committee of the Academic Senate and Vice President for Academic Affairs.
- January 15 Report on procedural review of the recommendation process by the Personnel Review Committee of the Academic Senate to the President and Chairperson of the Academic Senate.
- February 1 Vice President for Academic Affairs notifies applicants of the President's action on their applications, such action is subject to fiscal appropriations which are proposed for inclusion in the budget.

Defensive driver training coming

Milt Hill (Supervisor of Transportation Services) announced that a defensive driver training program will be held on Thursday and Friday (Oct. 25-26). The classes will be scheduled both in the morning and the afternoon each day, with one evening class on Thursday. The classes are approximately 3½ hours in length. All staff, faculty and students who have never received Defensive Driver Training cards must attend one session of the class if they wish to drive university vehicles or their own vehicles on university business.

Attendance is by reservation in advance, on a first come, first serve basis. Space is limited and may be reserved by completing forms available at the Transportation Services Office, Building 71. For further information please call Ext. 2451.



Change in honors list criterion

Until recently the Dean's Honor Lists have been compiled from the top fifteen per cent of the students in each school, based upon GPAs of students taking 12 or more units during the quarter. Beginning with this Fall Quarter, the 12 or more units must be letter-graded units, that is, credit-no credit courses cannot be counted in meeting the minimum requirement.

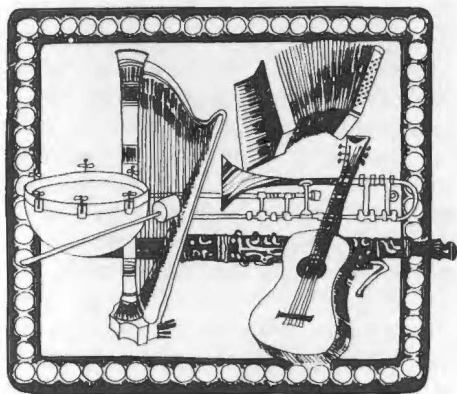
The change was approved by Acting President Dale W. Andrews early last summer upon recommendation of the Academic Council and Hazel J. Jones (Vice President for Academic Affairs). The change came about because, in a few instances, there were students with high GPAs who met the 12 unit minimum requirement only by counting credit-no credit courses which are excluded from the compilation of grade point averages. It was considered more fair to all students to count only those courses with letter grades in meeting the eligibility requirement.

Band concert program

Two major compositions for symphonic band that have just recently arrived in the United States from the People's Republic of China will be featured during a concert to be given by the California State University, Northridge, Wind Orchestra on Saturday (Oct. 27). Titled "Autumn Harvest Uprising" and "March in Unity and Friendship," they are part of a program of contemporary and classical wind music that has been selected by the Northridge ensemble's conductor, David Whitewell, for the campus concert.

Tickets for the concert, which will begin at 8 pm in Chumash Auditorium are priced at \$2.50 for adults and \$1.25 for students. Proceeds from the event will benefit the Cal Poly Mustang Marching Band's travel fund. Also programmed by Dr. Whitewell, one of the nation's foremost university band conductors, are Concertino for Oboe and Wind Ensemble by Carl Maria von Weber, Variations on a Theme by Glinka for Oboe and Band by Rimsky-Korsakov, "Don Juan" by Richard Strauss, and Clark McAlister's "Symphonic Poem."

Featured soloist for the concert at Cal Poly will be Evert van Tright, an oboist from the Netherlands who was a soloist with the Brabant Orchestra at the age of 16. He has appeared in recent years with the Vienna Symphony Orchestra and at festivals in Darmstadt, West Germany, and in Warsaw. The Oct. 27 Concert is being Sponsored by the Cal Poly Music Department.



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.

Assistant Cashier-Clerk, \$421.50-\$503.50/month; half-time, Financial Operations. Duties and responsibilities include: assist in preparation and processing of data for the parking citation processing system and in other daily and cyclical cashiering operations as required. Requirements: Must have taken the General Clerical Test. Prefer candidates with at least one year of accounting related experience. Closing date: 11-2-79.

Clerical Assistant II-B, \$901-\$1077/month; temporary-help 11/15/79 - 1/14/80, Admissions and Records Office. Duties: take dictation and transcribe written correspondence and reports, answer mail, direct letters and telephone calls to appropriate staff personnel. Requirements: One year general office experience, type 45 wpm, shorthand 80 wpm and must have taken the General Clerical Test. Closing date: 11-2-79.

Clerical Assistant III-B, \$1030 - \$1234/month; temporary-help 12/1/79 - 6/30/80, Secretary to the Director of Admissions and Records. Duties: Maintain budget accounts and payroll documentation, including student assistants. Take dictation and transcribe written correspondence and reports with proper grammatical skills. Direct telephone and written communications to appropriate individuals. Schedule appointments. Requirements: Three years of clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken the General Clerical Test. Closing date: 11-2-79.

Lead Custodian, \$938-\$1122/month, Plant Operations. Duties: guides, checks, corrects, reports on and works with a group of custodians; trains and instructs custodians in the proper use of equipment, materials and accepted custodial techniques, assists custodians in the performance of their duties, makes inspections, etc. Requirements: Two years of custodial experience where the individual has shown supervisory potential. Hours: 10:30 pm to 7:00 am, Monday-Friday. Closing date: 11-2-79.

Public Safety Investigator, \$1566-\$1885/month, University Policy/Department of

Public Safety. Duties and responsibilities: Under general supervision, investigates criminal and non-criminal cases, gathers evidence, processes criminal complaints, initiates actions to resolve criminal activity. Coordinates and conducts crime prevention programs and may perform general law enforcement functions. Minimum qualifications: Two years of law enforcement experience, including satisfaction of all commission and peace officer standards and training (P.O.S.T.). Possess a basic P.O.S.T. certificate. Satisfaction of CSUC employment and physical requirements. The person selected will be required to complete P.O.S.T. certified investigation and crime prevention courses, or possess the ability to qualify and complete the course within the first year of employment. Closing date: 11-9-79.

Public Safety Dispatcher, \$1030-\$1234/month, Department of Public Safety. Duties: Receiving information, complaints, requests and signals from a variety of communications equipment. Dispatching police and emergency units. Receive visitors, answer questions, take complaints and relay information, maintain complaint, arrest, radio message and station activity logs. Prepare monthly statistical reports and routine clerical duties. Minimum qualifications: two years of full-time clerical experience involving considerable public contact, type 40 wpm, must have taken the General Clerical Test and the CPS Dispatcher-Clerk Test. (Candidates with one or more years dispatcher experience will be exempt from the Dispatcher-Clerk Test.) Upon successful completion of all testing, a fingerprint check and a background investigation will be conducted prior to the candidate being hired. Closing date: 11-2-79.

Computer Operator, \$1043-\$1250/month, full or part-time, Computer Center. Duties: Under supervision, operate electronic digital computer systems equipment. Requirements: One year of experience operating medium to large multi-user batch computer systems with tapes and disks and controlling the job stream via console commands. Experience with timesharing and remote job entry highly desirable. Prefer applicants with A.A. degree. Variable hours of work. Closing date: 11-2-79.

On-Call Custodians, \$858-\$1025/month, Residence Hall Services. The department wishes to establish a pool of on-call custodians. Applicants must be able to read, write and understand the English language, have a willingness to learn and to follow both written and oral directives. Hours: Normally 7:30 am to 4:00 pm, Monday-Friday, but may vary on occasion. Closing date: 11-2-79.

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.

Lecturers, \$4,156-\$4,548/quarter, to be adjusted according to teaching load, Biological Sciences Department, School of Science and Mathematics. The Department seeks to compile a list of applicants for part-time lecturers during various quarters of the 1979-80 academic year to teach one or more courses in biological sciences. Applicants should list each relevant course (lecture and lab) they wish to be considered for. Applicants must have a B.S. in Biology or related discipline. Those currently enrolled in the Department's Graduate Program will be given preference. Closing date: 11-16-79.

Lecturer, \$4,980-\$6,560/quarter, to be adjusted according to teaching load, Biological Sciences Department, School of Science and Mathematics. The Department seeks to compile a list of applicants for part-time lecturers during the various quarters of the 1979-80 academic year to teach one or more courses in the biological sciences. Advanced degree in Biological Sciences or related discipline preferred. Applicants should list each relevant course (lab and lecture) they wish to be considered for. Closing date: 11-16-79.

Lecturer, full or part-time; \$6,868-\$10,472/quarter; salary quoted is full-time and will be adjusted according to assignment, Speech Communication Department, School of Communicative Arts and Humanities. Available Spring Quarter 1980 (March 27-June 14, 1980). Duties will include teaching two or three sections of Children's Theatre and directing a mainstage children's play. Possibility of teaching other courses. PhD. or M.F.A. in theatre required. Proven history of successful teaching of children's theatre necessary. Applicants with a record of excellence in direction of children's plays will be given preference. Closing date: 12-15-79.

Assistant/Associate Professor, \$16,368-\$21,588/academic year; depending upon qualifications and experience, Speech Communication, School of Communicative Arts and Humanities. Direct large diversified forensic program, coach debate, teach other courses including public speaking, small group discussion, argumentation. PhD. and extensive coaching and college teaching experience required for tenure track appointment. Closing date: 1-15-80.

Lecturer, full or part-time; \$5,980-\$9,528/quarter; salary quoted is full time and will be adjusted according to assignment, Speech Communication Department, School of Communicative Arts and Humanities. Available Winter Quarter, 1980 (January 3-March 20, 1980). M.A. or PhD. in Speech Communication and a record of successful university teaching in similar courses required. Only applicants with solid academic credentials need apply. Teach public address, public speaking and perhaps speech criticism. Closing date: 11-14-79.

OFF-CAMPUS VACANCIES

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

California State University, Fresno, Vice President for Academic Affairs, Deadline: Dec. 15, 1979.

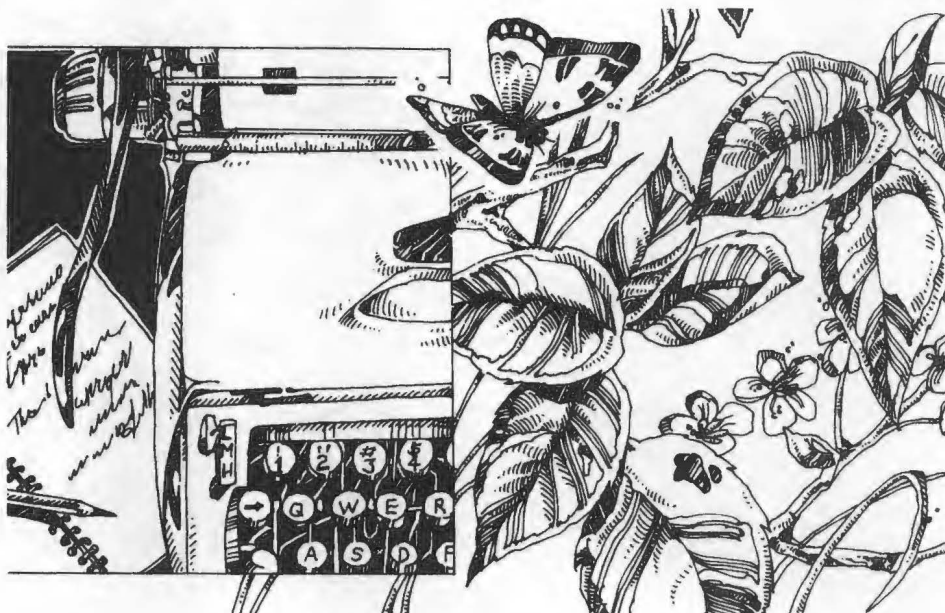
FOUNDATION VACANCIES

The Foundation is accepting applications for the following open positions 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 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 interested persons are encouraged to apply.

Cafeteria Worker C: \$3.50-4.24 hr., Food Service, half-time, summers off. Duties: Assist in requisitioning food and supplies, preparation, portion and quality control; set up, serve and maintain serving areas; clean and bus tables and chairs; operate cash register; make deposits. Requirements: High School equivalent; one year of full-time paid experience in similar operation preferred. Closing date: 11-1-79.

California State University, Hayward, Dean of the School of Science, Deadline: Dec. 1, 1979.

Illinois State University, Dean of the College of Continuing Education and Public Service, Deadline: Nov. 12, 1979.



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

Robert McCorkle, *Agricultural Management*, recently visited Paraguay and Guatemala as a Future Agricultural Resource Manpower (FARM) Traveler. While overseas McCorkle assisted with agricultural economic problems in the developing countries and met with numerous Cal Poly alumni. The participation of Cal Poly in the Peace Corp FARM program is a natural outgrowth of the university's interests in international affairs, and past contributions to developmental undertakings. "Peace Corp Volunteers possessing critically required skills and training are badly needed," according to McCorkle, Director of the Peace Corp Strategy program. Further information concerning the program may be obtained by calling Ext. 1320.

Moon Ja Minn Suhr, *Physical Education*, has an article titled, "The Fine Art Education through the Discipline of Dance" in Vol. III No. 9, September 1979 issue of *New Life Magazine*, a monthly educational magazine in Korean and English, published by the California Korean Community Services. The journal is distributed throughout the nation and overseas to Korea.

Donald A. Grinde Jr., *History*, was elected vice chairman of the Central Coast Indian Council last month.

Phyllis Hansen and Rodger Lewis, *Library Cataloging*, attended a Library and Information Technology Association Institute "Authority Control—the Key to Tomorrow's Catalog" on Sep. 17-18, in Los Angeles. LITA is involved in exploring and finding solutions to the problems related to the implementation of AACR II and on-line catalogs.

Boyd Johnson, *Mathematics*, won third place, fifth place, and seventh place in three different events in his age group in the National AAU Masters Swimming Championships at Mission Viejo, California in May. Over one-thousand masters swimmers competed. He was named to the top ten in the USA in the backstroke event. He swam in four other Masters' meets during the summer, and was unbeaten in the 50 meter backstroke and freestyle events. At a meet in Santa Barbara in July, he set a Southern Pacific AAU record of 29.1 seconds in the 50 meter freestyle.

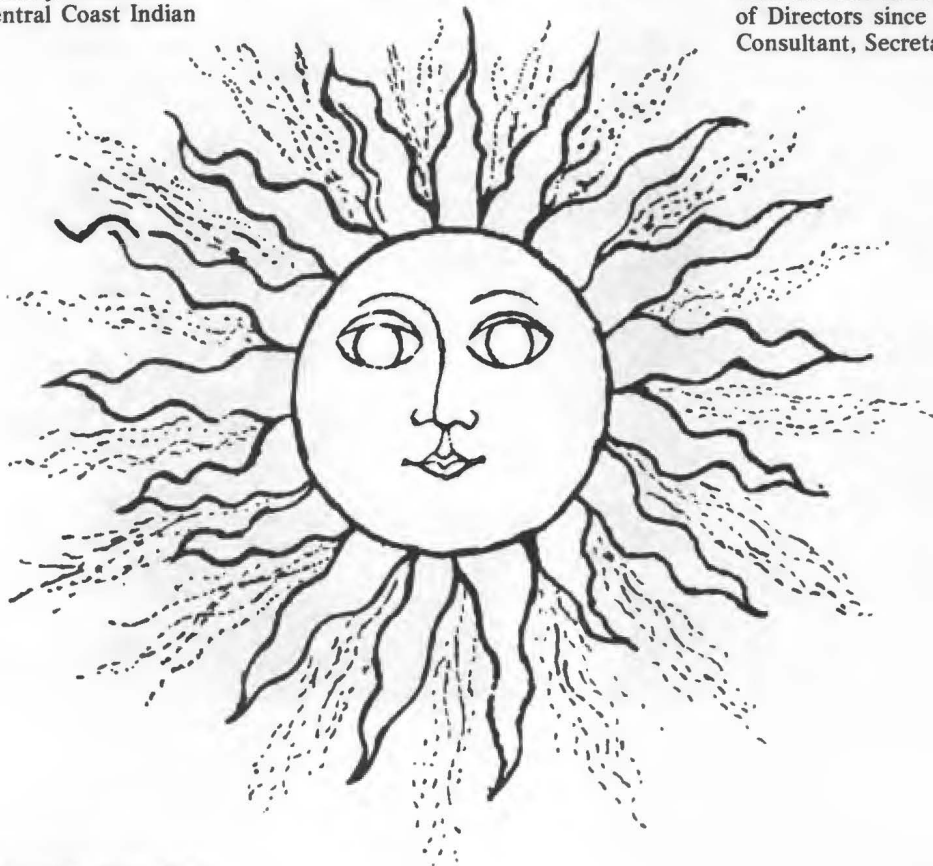
Quintard Taylor, *History*, has an article entitled "Blacks on the Urban Frontier: The Emergence of Afro-American Communities in the Pacific Northwest, 1865-1910" that has been accepted in the *Journal of Negro History* and will appear fall, 1980.

Phillip Ruggles, *Graphic Communications*, has been included in the 17th edition of *Who's Who In the West* to be published later this year. Ruggles has written two books in the printing field in addition to holding a contributing editor's position with *Printing Impressions Magazine*.

Douglas Jones, *Student Affairs Information Director*, reviewed John Hawkes' novel, *The Passion Artist* for the Sunday San Jose Mercury News Book Page, Oct. 14.

Donald R. Floyd, *Social Sciences*, attended the annual meeting of the International Association of Natural Resource Pilots in Sacramento, Sep 18-20. He also attended a Public Service Careers Conference in Burlingame on Oct. 5.

H. Paul Beauvais, *Health Center*, assumed the office of President at the Fortieth Annual Meeting and Scientific Exhibits of the California Association for Medical Laboratory Technology on Sep 29 in San Francisco. **Billy Mounts**, former Medical Director, Health Center, installed Beauvais and the newly elected members of the Board of Directors for the Association. Mr. Beauvais has been active in CAMLT since 1968 and has served on the CAMLT Board of Directors since 1975 as District Three Consultant, Secretary and President-Elect.



encouraging notes

October 18, 1979

WASHINGTON AGENCIES: Faculty members wishing to have their proposal ideas discussed with federal program officers in early November should have their written prospectus to the Coordinator, Research Development, by Monday, October 22.

- * THE SOLAR ENERGY RESEARCH INSTITUTE (SERI) - 1980-81 SABBATICAL LEAVE PROGRAM. Faculty members in the physical, life and social sciences, architecture and planning, engineering, business, mathematics, and law are invited to apply for an appointment in the 1980-81 Sabbatical Leave Program at the Solar Energy Research Institute in Golden, Colorado. SERI offers unique combinations of specialists, facilities, and programs for collaboration on problems related to solar energy. Participants will be associated with one of the following operating divisions at SERI: Research; Analysis; Information Systems; International Programs; Commercialization; and Program Management. The program is designed for academic personnel who will spend a minimum of one term (four to five months) at SERI and preferably two terms (nine to ten months) with a possible extension through the summer months. DEADLINE: 12/1/79

- * THE DEPARTMENT OF ENERGY - SOLAR ENERGY RESEARCH. The DOE desires to receive proposals from colleges and universities for advanced research related to solar energy. The broad objectives of this program are: (1) to add to the store of fundamental knowledge for advancing the use of solar energy; (2) to stimulate new approaches to the conversion and utilization of solar-derived energy; (3) to support feasibility or "proof of concept" studies of these new approaches; and (4) to stimulate the growth of a solar-related intellectual base in the nation's academic community. Proposals will be considered for basic and applied research projects in the biological, engineering, and physical sciences related to solar energy conversion. Proposals involving development studies, extensive component testing programs, demonstration of systems, economic studies, marketing studies, instructional materials, or the establishment of solar energy centers/institutes are inappropriate for this particular program and should not be submitted in response to this notice. Budgets should be less than \$100,000 for the first year's work. DEADLINE: 1/10/80

- * NATIONAL ENDOWMENT FOR THE ARTS - GUIDE TO PROGRAMS FOR 1979. The Endowment provides three major types of financial assistance: (1) fellowships to artists of exceptional talent to enable them to advance their work and their careers, (2) matching grants to nonprofit, tax-exempt arts organizations, and (3) grants to state arts agencies and regional arts groups. The Guide to Programs for 1979 describes the NEA's programs and grant categories and is available for review in the Research Development Office, Administration 314. Each of the programs described has its own explanatory brochure and application format which are published separately and at irregular intervals.

- *** FULBRIGHT-HAYS - DEVELOPMENT OF SOUTHEAST ASIAN STUDIES. The Association of Southeast Asian Nations wishes to invite ten American academics in the fields of economics, political science and international affairs to participate in a two-month study/seminar project to be held in the Philippines and in the four other ASEAN countries. Of primary interest are mid-level scholars who have doctoral degrees and two to three years of college teaching experience. It is expected that most of the participants will be selected from universities and colleges which have demonstrated an interest in or which seek to become involved in programs of Southeast Asian Studies, rather



than from major centers of Southeast Asian studies. Application forms may be requested from the Council for International Exchange of Scholars, Eleven Dupont Circle, Washington, DC. (Telephone: 202-833-4984) Inquiries should be submitted no later than November 15, 1979.

- * NATIONAL SCIENCE FOUNDATION - GUIDE TO UNDERGRADUATE SCIENCE COURSE & LABORATORY IMPROVEMENTS. NSF has published "A Guide to Undergraduate Science Course and Laboratory Improvements." This booklet reports activities carried out at colleges and universities during 1976-80 with support from NSF's Local Course Improvement (LOCI) and Instructional Scientific Equipment (ISEP) Programs. This booklet can be a helpful reference for persons interested in current course and laboratory developments in the sciences at the undergraduate level. A copy is available for review in Administration 314.

Objectives of LOCI are: (1) to insure that institutions are capable of introducing undergraduate students to important current scientific and technological developments and of developing improved methods for presenting scientific concepts and applications; and (2) to improve pre-service training of science and mathematics teachers through modification of specific courses (emphasizing both science content and pedagogy) by individual faculty. Objectives of ISEP are: (1) to encourage and support the introduction of modern "hands-on" experiences for undergraduate students; and (2) to encourage and support incorporation of current educational technology into science instruction.

LOCI deadlines occur traditionally in early fall (this year, October 3), ISEP in mid-winter.

RECENT AWARDS TO CAL POLY FACULTY:

Jenell Ciak/Home Economics - received an award of \$19,653 from the State Department of Education to develop a model curriculum for the preparation of a Nutrition Education Specialist.

Norman Eatough/Chemistry - received an award of \$8,629 from the National Science Foundation to purchase equipment to improve a freshman chemistry laboratory.

Saul Goldberg/EPI - received an award of \$11,000 from the U.S. Department of Energy to evaluate the performance of an electric car.

Joseph Grimes/Computer Science & Statistics - received an award of \$66,948 from the NASA-Ames Research Center for software development and application in the dynamic analysis of the Tilt Rotor Research Aircraft.

Walter Mark/NRM - received an award of \$57,300 from California Coast Resources to establish an energy plantation.

Robert McCorkle/Agricultural Management - received an award of \$8,500 from ACTION to continue support of a student Peace Corps recruiter.

C. Dean Piper/Soil Science - received an award of \$3,904 from the Medina Agriculture Products Company to study the influence of Medina on the physical and dynamic properties of a soil.

Judy Saltzman/Philosophy - received a supplemental award of \$2,525 from the California Council for the Humanities in Public Policy for broadcasting the Arts and Humanities lecture series.

Doral Sandlin/Aeronautical Engineering - received an award of \$46,200 from NASA-Dryden to support graduate students at Cal Poly and at NASA research laboratories.