

# CAL POLY REPORT

California Polytechnic State University  
San Luis Obispo, California 93407

October 4, 1979

Volume 31, Number 9

## Hoffman receives grant from NASA

An effort to reduce drag on moving vehicles has resulted in a National Aeronautics and Space Administration grant for Jon A. Hoffman (Aeronautical Engineering). Under terms of the \$23,993 grant, Hoffmann will study how turbulence decreases drag by delaying fluid flow separation. The grant will be administered by the Cal Poly Foundation and is to be completed by Aug. 1, 1980.

Preliminary results have shown that a 25 percent energy savings is possible by increasing the unsteadiness of air or water as it slows the forward motion of a moving vehicle, such as an airplane, car, or submarine. "I feel very fortunate that I received this grant for my own research project," Hoffmann said. "I expect the results to be very significant to the field of fluid dynamics."

## Lendon Smith to speak

The San Luis Obispo County Reading Association will sponsor a lecture by Lendon Smith on Thursday (Oct. 4) in Chumash Auditorium from 7:30 pm to 9:30 pm. Dr. Smith, a well-known pediatrician, author, and TV personality will speak on "Behavior and Diet". The event is co-sponsored by the School of Human Development and Education. Admission is free.

## Building temperature control policy

The Federal Emergency Building Temperature Restrictions Regulations, effective July 16, 1979, place restrictions on temperatures for heating, cooling, and domestic hot water in commercial, industrial, government, and other non-residential buildings. The regulations generally require that thermostats be set no lower than 78°F for cooling, no higher than 65°F for heating, and no higher than 105°F for domestic hot water. The regulations also require room temperature set-backs during periods when buildings are unoccupied. In response to these regulations and other continuing state and CSUC mandates to conserve energy, the following guidelines for building temperature control will be followed in all university buildings:

- All employees of the university should expect temperatures which are regularly between 65°F and 78°F to vary either above or below these limits and dress accordingly.
- Personnel working or teaching in areas which are regularly colder than 65°F or hotter than 78°F or who have a problem with drafts or stagnant air should report this problem to Engineering Services at Ext. 2138. Adjustments to the H.V.A.C. systems will then be made to attempt to correct the problem.
- Space heaters will not be permitted for purchase by the university unless approval is granted by the director of Plant Operations. Those already in existence should be used sparingly.
- All windows in air conditioned spaces are requested to be left closed. Outside air will be used as much as possible for ventilation of those areas not air conditioned provided the temperature is lower than that within the building.
- In accordance with Department of Energy regulations, heating and air conditioning systems must be turned off while buildings are unoccupied. This is normally between the hours of 10 pm and 7 am, Monday through Friday, and all hours Saturday, Sunday, and holidays. Exceptions to these regulations should be requested in writing to the Director of Plant Operations.
- Exemptions to this policy include, but are not limited to, maintaining laboratory plant or animal life, operation of data processing or other equipment which is temperature sensitive, storage of food or other perishables, and preservation of archives, books, art works or specimens. Written requests for exemption should be sent by school or division heads to the director of Plant Operations.

It is realized that the implementation of the Federal Emergency Temperature Building Control restriction policy will change the environmental and physical comfort conditions in many of the buildings on campus. The Plant Operations Department will respond as quickly as possible to adjust systems which are not providing building temperatures within the 65°F-78°F restrictions mandated by the Federal Department of Energy Regulations.

All segments of the campus community are requested to please help comply in all respects. Should a condition be observed that can produce energy savings, please contact the director of Plant Operations.

## Foundation board meeting

The Board of Directors of the California Polytechnic State University Foundation will hold a regular meeting on Tuesday (Oct. 16) at 8:30 am in Adm. 409 on the California Polytechnic State University campus in San Luis Obispo, California. 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.

## Library exhibit

Currently through Oct. 26 the Library is presenting on "October Bookfest" comprised of two award winning exhibits. The Western Book Exhibit and the Book Builders West Show contain the best books published in the Western States in 1979, based on excellence in design, layout, fine printing, and illustration. The October Bookfest will also feature a presentation by a representative of each exhibit. Anyone interested in books, fine printing, publishing, etc. is encouraged to attend this talk on Monday (Oct. 15) at 7:30 pm in Computer Science 201.



# Graduation writing requirement

This year's juniors must demonstrate their proficiency in written English before they will be allowed to graduate, according to trustee policy now being implemented on all CSUC Campuses, including Cal Poly. Only students with fewer than 135 units as of the end of Summer Quarter will be held to the requirement, according to the coordinator for the Graduation Writing Requirement, John Harrington (English).

During the summer, Acting President Dale W. Andrews approved three options for students to meet the new requirement. The first option requires a written test, which will be offered for the first time on Jan. 19. The test, which is specifically designed to test proficiency in writing at a junior level, will be graded by teams of professors from all segments of the university.

The second and third options allow students to fulfill the requirement through coursework. Students passing any of the English Department's 300-level courses in writing with a grade of C or better will automatically meet the requirement. Students may also prove proficiency by taking a designated junior-level literature course with a writing component designed to establish proficiency.

It is anticipated that the 300-level writing courses will be enrolled to capacity with students fulfilling curricular requirements; no additional sections will be added, according to Dr. Harrington. Approximately sixty-five spaces will be available for students in the junior-level literature courses.

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## Affirmative action minigrants

Toward the end of the 1978-79 school year, on advice from the Chancellor's Office, procedures were set up for released time proposals in 1979-80 and decisions as to the use of 1.0 released position, pending final approval of this year's budget. The position was approved in the budget, so the approved allocations of released time are in effect. In addition, this year's budget contains two allocations for parts of the Affirmative Action Faculty Development Program for 1979-80: Minigrants (\$1796) and Travel Grants (\$899).

Those eligible for the program are probationary or tenured faculty at the Instructor or Assistant Professor rank who show high potential for achievement in their academic careers. The rank should be as of Sep. 1979.

Although this is a nondiscriminatory program, the CSUC is aware of the underrepresentation of minorities and women in its senior faculty ranks. The program is intended to be particularly helpful to those persons who are in these groups and in others protected by Federal legislation. Special efforts should be made to see that women and minority faculty members are notified of the existence of this program and are actively encouraged to apply.

A fund of \$1796 is available to eligible applicants in support of activities such as research or broadened teaching competencies which may assist the re-

cipient in attaining tenure and/or promotion. A fund of \$899 is available for travel and support in preparing and delivering papers at professional meetings.

The application should include name, department, rank and step (as of Sep. 1979), whether tenured or nontenured, amount requested for a minigrant and/or a travel grant. Statement of proposed program for which funds are requested. The statement should be no longer than one page; additional materials may be submitted if desired.

Proposals should be submitted through the department office and the dean's office to the Vice President for Academic Affairs not later than Oct. 31.

Faculty members who participated in one or more parts of the Affirmative Action Faculty Development Program in 1978-79 or have already been approved for released time in 1979-80 may apply in these programs if they meet eligibility requirements. However, in case of ties, priority will be given to those who were not funded in the 1978-79 program and the released time part of the 1979-80 program.

Because the amounts available for minigrants and travel grants have been substantially reduced from last year's figures, discretion may be exercised in approving less than the full amounts requested.

# Special Testing scheduled

The Counseling Center has announced the following schedule of special testing for the 1979-1980 Academic Year. Details of what applications need to be made for the tests, costs, and other information may be obtained in the Counseling Center, Adm. 211, or by calling Ext. 2511.

### Fall Quarter, 1979

- Oct. 6 Dental Aptitude Test (DAT)
- Oct. 13 Law School Admission Test (LSAT)
- Oct. 20 Grad. Record Examination (GRE)
- Oct. 27 Grad. Management Admissions Test (GMAT)
- Oct. 27 English Placement Test (EPT)
- Nov. 10 National Teacher's Exam (NTE)
- Dec. 1 Law School Admission Test (LSAT)
- Dec. 8 Graduate Record Exam (GRE)

### Winter Quarter, 1980

- Jan. 12 Graduate Record Exam (GRE)
- Jan. 19 Junior Level Proficiency Test (JLPT)
- Jan. 26 Grad. Mgt. Admission Test (GMAT)
- Feb. 16 Nat'l Teachers Exam (NTE)
- Mar. 15 Grad. Mgt. Admission Test (GMAT)

### Spring Quarter, 1980

- Apr. 12 Junior Level Proficiency Test (JLPT)
- Apr. 19 Dental Aptitude Test (DAT)
- May 3 English Equivalency (FEET)
- May 10 English Placement Test (EPT)
- May 17 Test of English as a Foreign Language (TOEFL)
- May 17 Science Equivalency
- June 14 Graduate Record Exam (GRE)

### Summer Quarter, 1980

- July 12 Grad. Mgt. Admission Test (GMAT)
- July 19 National Teachers Exam (NTE)



# Arts/humanities series launched

The 1979-80 Arts and Humanities Lecture series at Cal Poly is the recipient of an \$8,000 grant from the California Council for the Humanities in Public Policy and the National Endowment for the Humanities, a federal agency. The series, titled "Work, Play, and Worship," is the most ambitious yet proposed at Cal Poly. Scheduled to begin on Thursday (Oct. 4) and continue on Thursdays through (May 28), it will consist of lectures by several members of the Cal Poly faculty and by internationally recognized authors, scholars, and philosophers.

The aim of the 1979-80 series will be to make joint participation by the public and members of the university community possible. To that end, eight of the campus programs will be continued with evening presentations at the Discovery Inn in San Luis Obispo. In making the award, Bruce R. Sievers, executive director of the Council, commented in writing, "We look forward to a stimulating project relating the humanities to public policy issues."

Judy D. Saltzman (Philosophy) is project director for the series, which is sponsored by the School of Communicative Arts and Humanities. With "Work" as its theme, the fall portion of the 1979-80 series will begin with a lecture titled "Work, Conscience, and Community" by Peter Marin on Thursday (Oct. 4) at 11:00 am in University Union 220. He will lead a dialogue/workshop on that same topic at the Discovery Motor Inn that same evening at 7:30 pm.

Marin, who resides in Santa Barbara, received his B.A. in English literature from Swarthmore College, and his M.A. with honors from Columbia University. He did further advanced study at Brandeis and Indiana Universities. He has taught literature and creative writing at a number of colleges and universities, and was Head Master of Pacific High School in Palo Alto, one of the first and best known "free schools".

In 1968-69, he was a Visiting Fellow of the Center for the Study of Democratic Institutions, and has since been a Director of the Center for Alternative Education and a consultant to the Overseas Development Council. Among his writings include two books, *In a*

*Man's Time* and *Understanding Drug Use* (with Allan Cohen). He is frequently published in the *Saturday Review*, *Harpers* and in the *Los Angeles Times*.

Peter Marin's discussion will center around the issue of whether the choices of temporary and life work by individuals in our society really pursue the common good or merely further self-interest. The issue of the self and the community will be raised in connection with gulfs which often arise between the professional and the client, the chosen job and personal goals, the striving for prestige and the lack of time for leisure and spiritual growth.

Other speakers scheduled during the Fall Quarter as part of the Cal Poly series are: Pamela Cook Miller and Ralph Salgado (Oct. 18); Susanne Moran (Nov. 1); and Raghaven Iyer (Nov. 15).

"Play" is the theme for the winter segment of the Cal Poly series. Speakers included will be: George B. Leonard (Jan. 10); Jon Wheatley (Jan. 24); Ernest Callenbach (Feb. 7); Ned Schultz (Feb. 21); and Michael Novak (March 6).

"Worship" will be the topic for the spring part of the Arts and Humanities series. Scheduled speakers are: Robert Michaelsen (April 10); Charles Quinlan (April 17); Kendrick W. Walker (May 1); Christina Orr-Cahall (May 8); and Robert S. Ellwood (May 22).

The concluding program in the 1979-80 series will be an organ concert by Grant D. Venerable II on the evening of Thursday (May 29). Titled "Bach, Rhythm, and Spirit—Concert for Organ," it will be presented at 7:30 pm at the Mt. Carmel Lutheran Church in San Luis Obispo.

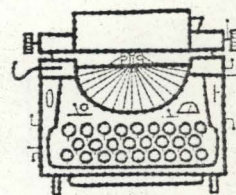
In addition to the Oct. 4 program by Peter Marin, seven other program speakers in the Cal Poly Arts and Humanities series will also give evening presentations at the Discovery Inn. All planned for 7:30 pm, they will include lectures or other type programs by Dr. Iyer (Nov. 15); Dr. Leonard (Jan. 10); Dr. Wheatley (Jan. 24); Callenbach (Feb. 7); Dr. Novak and his wife, Dr. Karen Laub-Novak (March 6); Dr. Michaelsen (Apr. 10); and Dr. Ellwood (May 22).

# Counseling clinic open

Counseling in such areas of decision making, career planning, personal growth, parenting concerns, and family relationships is again being offered by graduate students working in the Cal Poly Counseling and Guidance Clinic. Marilyn Dorsey (Education) coordinator for the clinic, said the counselors will listen to the concerns of those who ask for assistance and suggest constructive, positive steps toward solutions.

The clinic is staffed with graduate students completing requirements for their master's degree in education with specialization in counseling. They work under the direct supervision of faculty members who are specialists in counseling and guidance. The counseling services of the clinic are available free to the public.

Those interested in learning more about the clinic or in making appointments can do so by telephoning Ext. 1251 or going to Business Administration and Education Building 121-125. Clinic staff will follow up on telephone calls and personal contacts as needed.



# Typewriter contract

The State of California has issued a new contract for Facit single element electric typewriters effective from Sep. 1 through Aug. 31, 1980. Use of the state contract for typewriter acquisition is mandatory. To acquaint persons with the contract typewriter, a machine has been placed in the General Office, Adm. 133 for a three-week period beginning Sep. 28, for inspection or use at any time.

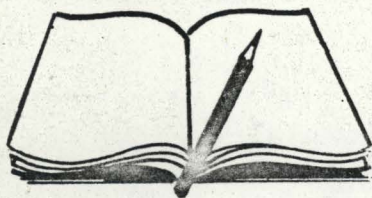


## Malkin pens yet another book

Children's theater, like music and dance, is a performing art, not simply a series of games, according to a new children's drama textbook by Michael R. Malkin (Speech Communications). "Rather than teaching theater as a game or pastime, the book is an attempt to introduce it as an art form," Dr. Malkin said.

The book titled *Training the Young Actor*, presents creative and enjoyable techniques for teaching the art of acting to young people. It includes acting exercises for children in voice training, stage movement, concentration and characterization, plus guidelines for directing a children's theater production. The book is published in hardcover by A.S. Barnes and Co.

Dr. Malkin has worked as a professional puppeteer and television actor and has written numerous articles and books about drama, including his 1977 book entitled *Traditional and Folk Puppets of the World*. He received his doctorate degree in theatre history and literature from Tufts University in Massachusetts. He taught at Indiana University of Pennsylvania and at the University of Alberta in Canada before joining the Cal Poly faculty in 1974.



## Books at High Noon

Quintard Taylor (history) will be the speaker at the Fall Quarter's first "Books at High Noon" program next Tuesday (Oct. 9). Dr. Taylor will review the book *Sexual Racism: the emotional barrier to an integrated society*, by Charles Stember.

Dr. Taylor received both his Master's and PhD degrees from the University of Minnesota. His area of expertise is Afro-American history, and he has taught at Cal Poly for two years. He has published articles in several journals, including the *Journal of Negro History*, *Umoja*, *Western Journal of Black Studies*, and *Minnesota History*, and will soon have an article published in the *Utah Historical Quarterly*.

Dr. Taylor's PhD dissertation, a history of Blacks in the Pacific Northwest (to be published by the University of Washington Press) was used as the basis for a series of five TV programs produced by public television station KWSU in 1975. The series, entitled "South by Northwest", has been shown over both public television and commercial channels. A second series of five programs is planned for release later this year.

"Books at High Noon" is sponsored by the University Library, and the programs are scheduled for Tuesdays at 12 noon in the Staff Dining Room. Faculty, staff, and students are invited to attend; visitors are encouraged. All the books reviewed in these programs are available at the University Library.

## White retirement coffee

Mary Lou White (retired Associate Dean, Human Development and Education) whose service to Cal Poly began in 1961, retired on Sep. 1. A reception honoring her will be in the Staff Dining Room B on Wednesday (Oct. 10) from 2:30 pm until 4:00 pm. All faculty and staff are invited to come recognize Dr. White's years of service and to wish her well in her retirement.

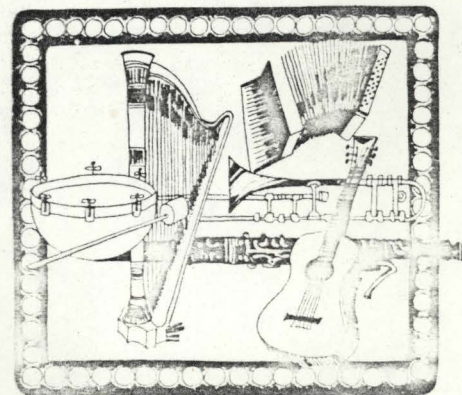
## Michael Nesmith will perform

Michael Nesmith has been signed as the first concert act for Cal Poly's fall rock concert series. Nesmith is scheduled to perform from his new album, "Infinite Rider on the Big Dogma" at Cal Poly on Sunday (Oct. 7). The show, which is open to the public, is set for Chumas Auditorium at 8 pm.

Tickets for the public are \$6 in advance and \$7 at the door. Advance sale tickets including student tickets (\$5 in advance, and \$6 at the door) are available at the University Union ticket desk. Those under age 16 will not be admitted. Seating will be festival style (floor seating).

Michael Nesmith has come a long way since the days when he was seen on the TV as one of the Monkees. That experience behind him, he proceeded to write, produce, and perform a number of million-selling records. Among these were Linda Ronstadt's hit, "Different Drum," "Some of Shelley's Blues" (first performed by Nitty Gritty Dirt Band), and "I Never Loved Anyone More," which received a BMI award for one of the most-performed songs of 1976. Nesmith's first single was the gold record, "Joanne," followed closely by the hit, "Silver Moon."

Opening acts for Michael Nesmith will be the Los Angeles bands, Jet and Daily Planet. Jet has released the single, "Eldorado," which is climbing up the charts at a steady clip. Daily Planet is the house band for the new wave Club 88. Those planning to attend the Michael Nesmith concert are reminded that food, drinks, and smoking are not allowed in Chumas Auditorium. This show is a presentation of the ASI Concerts Committee.





# Honored alums named

Eight former Cal Poly students have been named honored alums for 1979. They will be honored during Homecoming festivities on campus on Friday and Saturday (Oct. 12 and 13). Representatives from eight of the instructional schools were named by President Warren J. Baker. They are: Gerald Fialho, Cambria; Robert Flood, Olympia Field, Ill.; Sterling Grogan, Farmington, N.M.; Sam McCutcheon, Sunnyvale; Merna McMillan, San Luis Obispo; H. Dale Miller, San Francisco; Ingeborg Barbara Rose, Pasadena; and William Verdugo, Clovis.

The eight Cal Poly graduates will be presented honored alumni awards at a campus banquet held in their honor on Friday (Oct. 12). The banquet starts at 6:30 and is open to the public. The honored alumni will be seated in the president's box with Dr. and Mrs. Baker at the Homecoming football game on Saturday (Oct. 13). They will be introduced during halftime and will receive an additional award from the university's Associated Students Inc.

Verdugo, representing the School of Agriculture and Natural Resources, graduated from Cal Poly in 1947. He has been involved in sales management of cattle and horses for the last six years. He has also developed purebred operations; been on the faculty of California State University, Fresno; and worked in the commercial cattle business.

Ms. Rose, representing the School of Architecture and Environmental Design, graduated in 1966. Currently an executive architect for Architects and Engineers Collaborative in Los Angeles, she has been involved in special asbestos studies, energy conservation and solar studies, special studies and alterations programs, and numerous building rehabilitation projects.

Miller, representing the School of Business, graduated from Cal Poly in 1962. Miller is currently employed as the personnel manager assigned to the Employee Relations Department at Guy F. Atkinson and Co. in San Francisco. Professionally, he is on the State Department of Rehabilitation Advisory Committee in the Peninsula Area. This committee advises on ways for improving employment opportunities for persons in rehabilitation programs.

Flood, representing the School of Communicative Arts and Humanities, graduated from Cal Poly in 1958. He is presently director of editorial and production for Moody Press, one of the nation's largest religious book publishers. With annual sales near \$10 million, Moody Press is a part of the historic Moody Bible Institute of Chicago, a multi-faceted educational and religious organization with worldwide impact.

McCutcheon, representing the School of Engineering and Technology, graduated from Cal Poly in 1957. He has had an impressive employment record since graduation. In 1965, he founded Automated Measurement Corp., developer and manufacturer of a line of waveform analyzers and accessories. Having sold AMC to EH Research Laboratories in 1972 as a subsidiary operation, he founded Autek Systems Corp. in Sunnyvale. Autek manufactures, designs, and markets waveform analyzers, card test systems, and high frequency coaxial switching systems.

Dr. McMillan, representing the School of Human Development and Education, graduated from Cal Poly in 1971 with a Bachelor of Arts Degree in English, and a Master of Arts Degree in Education, with a specialization in counseling and guidance, in 1972. Presently, she directs the comprehensive San Luis Obispo County Mental Health Services located in three communities—San Luis Obispo, Arroyo Grande, and Paso Robles. She has served as a counselor in children's services and director of mental health services at Tropical Texas Center for Mental Health and Mental Retardation.

Fialho, representing the School of Science and Mathematics, graduated from Cal Poly in 1955. Currently, he is the San Simeon Area manager for the State of California Department of Parks and Recreation with responsibility for overall management of Hearst Castle and the Hearst and San Simeon Beaches. He has been employed by the State Parks and Re-

creation Department for 22 years and has been in charge of such state facilities as the Humboldt Redwoods, Lake Oroville, Sonoma State Park, and the Russian River Recreational Area.

Grogan, representing the Division of Social Sciences, graduated from Cal Poly in 1972. He is presently senior environment engineer and head of the Environmental Quality Department at the Navajo Mine located on the Navajo Indian Reservation in the Four Corners Region of New Mexico. He has also accepted a position as an Environmental Engineer with Utah International Inc., owner and operator of the Navajo Mine.

The honored alumni selection program is sponsored by the Cal Poly Alumni Association. The selection process for determining the honored alumni begins in May when the individual school deans and department heads select former students who they feel are worthy of this distinction.

## Free film series opens

Jean Cocteau's classic fantasy, "Beauty and the Beast," will be shown at Cal Poly on Sunday (Oct. 14) at 7:30 pm as the fall presentation of Cal Poly's free film series. "Beauty and the Beast" is the famous French poet-playwright's personal statement of the well-known fairy tale, but it remains a faithful adaptation of the original story.

The 1945 film, starring Jean Marais as The Beast and Josette Day as The Beauty, depicts the tale of a beautiful maiden who goes to live as a hostage in the palace of a terrifying beast so that her father will be out of danger. One critic has said Cocteau has "almost perfectly realized" the accomplishment of telling a familiar fairy tale with pure imagery and enchantment through the screen.

The free film festival is being presented by Cal Poly Extension, the English Department, and the Cal Poly Alumni Association.





# 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.

**Assistant Professor, \$16,368-\$19,680/academic year.** English Department, School of Communicative Arts and Humanities. Position available Fall 1980. Children's literature and composition. Some training in rhetoric and/or linguistics desirable. Doctorate required. We will be interviewing at MLA. Closing date: 12-14-79

**Assistant Professor, \$16,368-\$19,680/academic year.** English Department, School of Communicative Arts and Humanities. Position available Fall 1980. Full-time position teaching composition, including technical writing. Doctorate with training directly applicable to the teaching of composition required. We will be interviewing at MLA. Closing date: 12-14-79.

**Career Counselor, \$18,792-\$22,620/year.** Counseling and Testing Center. Position available January 14, 1980. At least two years career counseling in university setting must be evident. Duties include: career counseling of both individual and groups; assist in integrating career development strategies into a college student development model, assist in developing career counseling, career planning and decision-making programs. Conduct workshops and seminars on life/planning, career information search, values clarification and decision-making. Qualifications: Earned doctorate in counseling and guidance, student personnel or counseling psychology with vocational emphasis evident and two years career counseling in college setting. Masters in terminal stages of doctoral degree with five years experience in career counseling related field will be considered. Experience in computerized guidance information system desired. Closing date: 11-28-79.

**Generalist Counselor, \$16,368-\$19,680/academic year.** Counseling and Testing Center. Starting January 14, 1980. Duties include individual and group counseling in personal, social, educational, crisis intervention, and outreach. Considerable work with ethnic minorities and women. Should be able to demonstrate psycho-diagnostic skills with college age population, demonstrate ability in diagnosis planning, and evaluation of cases, have skills in assess-

# STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negrantl, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Contact the Personnel Office to obtain an application. The University is subject to all laws governing Affirmative Action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendments Act and the Rehabilitation Act of 1973. All qualified persons are encouraged to apply.

**Clerical Assistant II-A, \$843-\$1007/month; temporary-help position.** Library (Acquisitions and Collections Development—Serials Section), Periodicals Kardex Clerk. Responsible for recording the receipt of periodicals, claiming missing issues, and processing invoices. Requirements: One year of clerical experience, type 45 wpm, and must have taken the General Clerical Test. Should have neat legible handwriting and a good understanding of alphabetical filing systems. Closing date: 10-19-79



ment and learning theory. Qualifications: Doctorate in counseling and guidance or counseling psychology is desirable. Masters with five years in a closely related counseling field and acceptance in a doctoral program with terminal date in view. It is desirable that candidate have counseling experience in a university or college setting. Eligibility for licensure by the State of California in a special skilled area is highly desirable. Closing date 11-28-79.

**Clinician/Counselor, \$18,792-\$22,620/year.** Counseling and Testing Center. Position available January 14, 1980. Candidate must have clinical experience in a university setting. Responsibilities include individual and group counseling in personal, social, education, crisis intervention and outreach. Should be able to demonstrate ability in diagnosis, planning, evaluation of cases, and have education and experience in psycho-diagnostic tests with university age population. Qualifications: applications are preferred from candidates with an earned doctorate in counseling psychology or clinical psychology (with at least two years experience of a clinical nature outside of formal training in a college setting). Supervised internship must be evident. Experience in program assessment and planning in a college setting is desired. Eligibility for licensure in the State of California in psychology is highly desirable. Closing date: 11-28-79.

**Clerical Assistant II-A, \$421.50-\$503.50/month; half-time.** Education Department. Duties: Provide clerical support to faculty, including typing, machine dictation, operating copy machines, assisting with receptionist and telephone duties. Requirements: One year of general clerical experience, type 45 wpm, and must have taken the General Clerical Test. Closing date: 10-19-79

**Carpenter I, \$1448-\$1588/month.** Plant Operations. Under direction of Supervising Carpenter perform all carpenter work such as build cabinets, bookcases, construct walls, hang doors, set forms, pour concrete, etc. Shall be familiar with all tools of the trade, construction codes; be able to follow blueprints; work from sketches; follow oral and written directions; instruct and lead unskilled assistants in all job assignments. Requirements: Experience and training equivalent to completion of a journeyman apprenticeship. Hours: 7:30 am to 4:00 pm. Closing date: 10-19-79

# 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.

**Cook, \$5.07-6.02/hr..** Food Service, full-time, summers off. Prepare food items; maintain sanitary and safe working conditions; assist in the maintenance of a standardized recipe system and supervise assistants. Requirements: High School education or equivalent and a minimum of two years of commercial cooking experience. Closing date: 10-18-79.

**Vending Cashier, \$3.50-4.24/hr..** full-time summers off, Food Service. Responsible for accepting cash, filling vending machines and ordering supplies. Requirements: High School diploma or equivalent, cashiering and vending experience preferred. Closing date: 10-18-79

**Counter Worker, \$3.28-3.50/hr..** Snack Bar, full-time, summers off. Food Service. Takes orders from and prepares food for customers. Food handling experience preferred. Closing date: 10-18-79



# encouraging notes

October 4, 1979

WASHINGTON CONTACTS. The Coordinator, Research Development will be in Washington, DC, November 5-7, to meet with program representatives from various sponsoring agencies. If you have a proposed project that you would like to have discussed, please contact the Research Development Office as soon as possible so that there is adequate lead time for materials to be developed and appointments made.

\* NATIONAL RESEARCH COUNCIL - POSTDOCTORAL FELLOWSHIPS FOR MINORITIES. The NRC plans to award approximately 25 Postdoctoral Fellowships in a program designed to provide opportunities for continued education and experience in research for Black Americans, Mexican Americans/Chicanos, Puerto Ricans, and Native Americans. Eligible minorities with doctoral degrees engaged in university teaching may apply for a one-year fellowship.

Tenure of the fellowship provides postdoctoral research experience at an appropriate nonprofit institution such as a research university, government laboratory, privately-sponsored nonprofit institute or a center for advanced study. Eligible areas include behavioral and social sciences, humanities, engineering sciences, mathematics, physical sciences, life sciences, and interdisciplinary projects.

DEADLINE: 2/1/80

\*\* NATIONAL RESEARCH COUNCIL - RESEARCH ASSOCIATESHIP PROGRAM FOR 1980. The NRC has announced its 1980 Research Associateship Programs which provide postdoctoral opportunities for scientists and engineers in the fields of atmospheric and earth sciences, engineering, life sciences, physics, chemistry, environmental sciences, mathematics and space sciences.

NRC research associates will conduct research on problems largely of their own choice in selected federal research laboratories at various geographic locations in the U.S. The program is open to recent recipients of the doctorate and, in many cases, to senior investigators also. Some programs are open to non-U.S. nationals.

DEADLINE: 1/15/80

HOUSING AND URBAN DEVELOPMENT - FUNDING PRIORITIES. HUD Research and Technology is expected to receive about \$49.6 million in appropriations for FY 1980. This is a \$7.9 million reduction from funds appropriated in FY 1979. Priorities for the HUD FY 1980 research program include: techniques to stabilize housing costs, alternative methods for financing housing, housing and related needs of the elderly and handicapped, studies regarding neighborhood revitalization and reinvestment, ways to attract minorities and women into urban public service, improvement of fiscal management in state and local governments, and dissemination of research results.

\* CALIFORNIA LUNG ASSOCIATION - CALIFORNIA RESEARCH AND MEDICAL EDUCATION FUND. Applications for research grants for 1980-81 may be proposed in laboratory, clinical, epidemiological, and related fields of investigation of respiratory diseases. This research program also includes investigations into social and psychological factors relating to the prevention and control of these diseases. The Fund particularly wishes to encourage younger investigators.

DEADLINE: 12/1/79

\* DEPARTMENT OF TRANSPORTATION - UNIVERSITY RESEARCH AND TRAINING IN URBAN TRANSPORTATION. This program will fund specific research and training activities rather than to provide



basic institutional support to the university. Applications may be submitted which include: (a) major research activities involving a team of faculty and students; (b) research involving the cooperation of university researchers and local public agencies and/or transit operators; and (c) specialized training courses or university-based seminars, conferences, or workshops.

Two different types of grants will be awarded: Project Grants and Program Grants. Project Grant applications should be limited to one of the research topic areas listed below, and they should normally not exceed a maximum of \$70,000. Program Grants are intended to support a combination of activities as part of a comprehensive and continuing program of urban transportation research, education, and training at a small number of institutions. Program grant applications must address one or more of the following research topic areas identified to be of priority interest:

(1) transportation analysis, planning and evaluation methods; (2) transportation/urban development interactions; (3) transportation financing and pricing; (4) transportation system management; (5) improving transportation in center cities; (6) transportation and energy conservation; (7) transportation for elderly and handicapped persons; (8) long-range directions for urban public transportation; (9) automated guideway transit systems; (10) state-of-the-art review; (11) consumer issues.

DEADLINE: 12/3/79

#### NATIONAL SCIENCE FOUNDATION - REMINDER OF UPCOMING PROGRAMS

11/1/79 U.S.-JAPAN COOPERATIVE SCIENCE (JOINT SEMINARS). Contact: Dr. Stephen R. Mosier, International Programs, (202) 632-5806.

11/1/79 U.S.-FRANCE EXCHANGE OF SCIENTISTS. Contact: Mr. Henryk Uznanski, International Programs, (202) 632-7930.

\* 11/2/79 STUDENT ORIGINATED STUDIES. Contact: Dr. Max Ward, Scientific Personnel Improvement, (202) 282-7150.

11/2/79 NATO POSTDOCTORAL FELLOWSHIPS.  
NSF POSTDOCTORAL FELLOWSHIPS. Contact Dr. Thomas Quarles, Scientific Personnel Improvement, (202) 282-7154.

\* 11/9/79 COMPREHENSIVE ASSISTANCE TO UNDERGRADUATE SCIENCE EDUCATION (CAUSE).

11/15/79 PHYSICALLY HANDICAPPED IN SCIENCE. Contact: Dr. Robert Rehwoldt, Scientific Personnel Improvement, (202) 282-7150.

11/15/79 MATHEMATICS REGIONAL CONFERENCES. Contact: Dr. William Pell, Mathematics and Computer Sciences, (202) 632-7377.

11/15/79 ENGINEERING RESEARCH INITIATION. Contact: Dr. Ronald Huston, Civil and Mechanical Engineering, (202) 632-5787.

11/16/79 CHAUTAUQUA FIELD CENTER OPERATIONS. Contact: Ms. Mary Lewis, Scientific Personnel Improvement, (202) 282-7795.

11/30/79 NSF MINORITY GRADUATE FELLOWSHIPS. Contact: Ms. Linda Hunt, Scientific Personnel Improvement, (202) 282-7154.

\* 11/30/79 NSF GRADUATE FELLOWSHIPS.

12/3/79 SCIENCE FACULTY PROFESSIONAL DEVELOPMENT. Contact Dr. Edward Karlander, Scientific Personnel Improvement, (202) 282-7795.

12/1/79 PUBLIC UNDERSTANDING OF SCIENCE. Contact: Dr. Jean Intermaggio, Office of Science and Society, (202) 282-7770.