

# CAL POLY REPORT

California Polytechnic State University  
San Luis Obispo, California 93407

May 2, 1979

Volume 30, Number 35

## Energy workshop coming

Energy management and conservation will be the subject of a professional workshop to be held on Wednesday through Friday (May 9-11) at the Discovery Motor Inn. Sponsored by the Cal Poly Electric Power Institute, the workshop will offer a diversified program of lectures and discussions on such topics as government programs in energy management, load management, conservation, technical advancements in power systems, and programs resulting from the current oil crunch.

The workshop program will include a keynote address by Ronald Doctor, commissioner of the California Energy Commission, and presentations by other speakers from Pacific Gas and Electric, Southern California Edison, San Diego Gas and Electric, the California Public Utilities Commission, and the U.S. Department of Energy. Coordinators for the workshop are Saul Goldberg, director of the Electric Power Institute, and William F. Horton (both Electronic and Electrical Engineering).

The fee for the workshop is \$250. Those wishing to receive 1.5 units of academic credit will be required to pay an additional \$12 at registration. Further information about the workshop can be obtained by telephoning Dr. Goldberg at Ext. 2319.

## GORDON HEADS MECHANICAL ENGINEERING

Appointment of Raymond G. Gordon as head of the Mechanical Engineering Department has been announced by Dale W. Andrews (Acting President). Dr. Gordon, a member of the Cal Poly faculty since 1973 and acting head of the Mechanical Engineering Department since last fall, assumed his new title immediately, according to Robert G. Valpey (Dean, Engineering and Technology). Dr. Valpey joined Hazel J. Jones (Vice President for Academic Affairs) and a faculty committee in recommending appointment of Dr. Gordon.

Dr. Gordon succeeds John Kane, who requested and was returned to a fulltime teaching assignment in the department last fall. A specialist in thermal systems design and bio-engineering, the new department head is a graduate of Western New England College in Massachusetts, University of Michigan, and University of California, Santa Barbara, where he earned his doctors degree in mechanical Engineering.

Before starting his present tenure at Cal Poly, Dr. Gordon was a teaching assistant and graduate student for three years at UC Santa Barbara, where he completed his studies in heat transfer and thermal systems in 1974. That followed an earlier three year period during which he was a member of Cal Poly's mechanical engineering faculty. In addition to his career in engineering education, Dr. Gordon has spent brief periods as a design engineer for firms involved in jet engine and aircraft propeller design.


A registered professional engineer in California, he is a member of the American Society of Mechanical Engineers, the American Society for Engineering Education, Sigma Beta Tau engineering honor society, Tau Beta Pi national engineering honor society, and Sigma Xi national research society. He has also written several articles on human temperature regulatory systems for publication in professional journals.

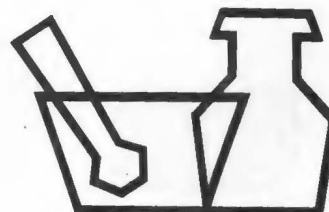
## Library director Consultative Committee chosen

Hazel J. Jones (Vice President for Academic Affairs) has announced the complete membership of the Consultative Committee for the Selection of the Director, University Library. The committee membership is as follows: School of Agriculture and Natural Resources, E.Wesley Conner; School of Architecture and Environmental Design, Vern Swansen; School of Business, Dominic Perello; School of Communicative Arts and Humanities, Timothy M. Barnes; School of Engineering and Technology, William L. Bruckart; School of Human Development and Education, Margaret J. Glaser; School of Science and Mathematics, H. Arthur DeKleine; Division of Social Sciences, Donald R. Floyd; University Library, Johanna B. Brown, Edward A. Wilk, Sarah Niu, and Luvenia Compton; Support Staff, Joan Stadt, ASI Representative, JoJo Miller.

## Health Center recognized again

As part of the continuing education program of the Cal Poly Student Health center, a series of lectures are held for nurses by the resident doctors and authorities brought in from off campus. The program is recognized by the State as eligible for continuing education for nurses, and the Health Center has been awarded an official number (01049) as provider.

 **Student  
Health  
Services**





## F.F.A. Blue on campus

The California Association of Future Farmers of America will lay groundwork for its second half century of service to agriculture and preparing the industry's future leaders when it convenes its 51st annual convention at Cal Poly Saturday through Tuesday (May 5-8). The theme for this year's convention, an annual event on campus, is "A Past to Remember," and the state FFA will honor recently retired President Emeritus Robert E. Kennedy at its annual banquet on Sunday (May 6).

Dr. Kennedy was a guiding force in the working relationship that has developed over the years between the university and the FFA. Nearly 1,000 FFA members from California high school chapters are expected to be on hand when the convention officially opens at 3 pm on Saturday (May 5). Acting President Dale Andrews, will make opening remarks to the delegates on behalf of the university. Also scheduled for Saturday are the state finals judging contests in 23 agriculturally related subjects.

The four-day meeting will also include business sessions, selection of State Farmer Degree recipients, special awards programs, and the election of new officers of the California association for 1979-80. Scheduled to address the convention are Don Hendricks, president of the California Agricultural Teachers Association; Bob Boster, president of the state FFA Foundation board of directors; and Phil Winters, California FFA president.

"State Farmer Day" on Sunday (May 6) will be highlighted by a barbecue honoring State Farmer Degree recipients at 11 am at Poly Grove on campus. State farmers, their parents, and school administrators are invited to attend. Election of new state FFA officers will take place at the Monday (May 7) afternoon session of the convention. Installation of the new officers will be held on Tuesday, as the last order of business before the convention adjourns at noon.



## "Threepenny Opera" staged

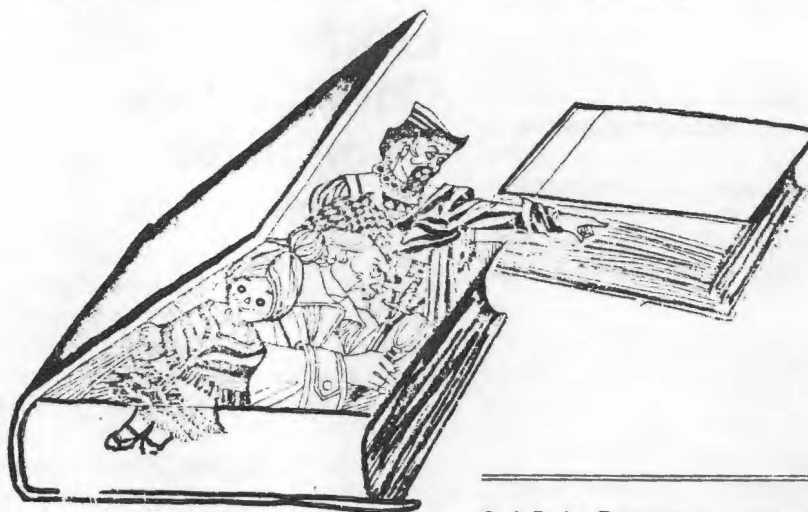
A cast of 23 men and women is in the midst of rehearsals for the campus production of Kurt Weill's and Bertolt Brecht's famed musical "The Threepenny Opera," at Cal Poly. Being produced by the Speech Communication Department as its final presentation of the 1978-79 drama season, the Marc Blitzstein adaptation of the play will be staged at 8 pm on Thursday, Friday, and Saturday (May 17-19) in the Cal Poly Theatre.

Reserved-seat tickets priced at \$3 will be on advance sale starting on Monday (May 7) at the University Union ticket desk. Cast in major roles for the Cal Poly production of "The Threepenny Opera," according to Michael Malkin (Speech Communication) its director, are J. Marc Mance of San Jose; Kirt Kisling, Lindsay; Melissa Ann Martin, San Diego; Elaine M. Hammermaster, Walnut Creek; Greg Lyonell McConnell, Pacoima; Nancy Ann Jorgensen, Arroyo Grande; and Ed Cardoza, San Luis Obispo.

Dr. Malkin said two persons who have broad experience in music, drama, and dance are assisting with the production. Beth Bettencourt Freeman, who

has been involved both in Paso Robles and San Luis Obispo, is providing musical direction, and Margie Kelley, a frequent participant in campus productions, is the choreographer.

Mance is playing Streetsinger and Kisling is cast as Mr. Peachum; Miss Martin, as Mrs. Peachum; Miss Hammermaster, as Polly Peachum; McConnell, as McHeath; Mrs. Jorgensen, as Jenny; and Cardoza, as Tiger Brown. Other supporting and character actors in the cast for the Cal Poly production of "The Threepenny Opera" are Myra J. Burg of Los Angeles; Diana Burnell, San Jose; Carol Cherry, Malibu; Richard Etheredge, Sunnyvale; Brian Hackney, Gilroy; Julie Harders, Yosemite National Park; Dan LeMelle, Valinda; Doug Lowry, Tiburon; Brad Mager, Los Altos Hills; Eileen McGuire, San Luis Obispo; Dave Safina, Tulare; Esther Silber, San Luis Obispo; Charles S. Smith, Anaheim; Tom Strellich, Bakersfield; Eric Teberg, Livermore; and Byron H. Westlund Jr., Cupertino. Remaining unsold tickets for the performances will be on sale at the Cal Poly Theatre box office prior to curtain time each evening.



## Wives' club May luncheon

The annual May Luncheon for the Cal Poly Wives' Club will be "Seashells by the Seashore" on Saturday (May 12) at 12:30 pm at the San Luis Bay Inn. Reservations may be made with Dorothy Graves, 535 Islay, at \$5.00 per person until Monday (May 9). Jean Cleveland and Espy Lascola are co-chairwomen of the event.

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

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

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



## Love and myth discussed

Christine Downing, a specialist in psychology of religion, contemporary religion, and mythology, and chairwoman of the Department of Religious Studies at San Diego State University, will speak on "Mythological Images of Love" on Thursday (May 10) at Cal Poly. Being presented as the third program in the spring portion of the 1978-79 Arts and Humanities series, her free lecture will begin at 11 am in University Union 220. The public is invited to attend.

Dr. Downing's remarks are expected to revolve around the theme that the gods and goddesses of Greek mythology still play a prominent part as role images in human relationships. She will also discuss the idea of the goddess and how men and women tend to identify with these figures during various stages of growth, whether they know it or not.

A graduate of Swathmore College and Drew University, Dr. Downing has been a post-doctoral fellow at Yale University and the University of Tübingen in Germany, and a visiting scholar at the University of California, Santa Barbara. She is past president of the American Academy of Religion, the author of numerous articles and reviews, a popular lecturer, and the author of two forthcoming books, "The Poetics of the Psyche" and "Theopanies: The Reappearance of the Goddess."



## Faculty caps and gowns

The El Corral Bookstore will still be accepting reservations for rental of commencement regalia up to Tuesday (May 15). After that date, they cannot guarantee delivery for June 9.

## Career-vocational Conference

A program on integrating approaches to vocational and career guidance will be offered during a career-vocational conference to be held Thursday and Friday (May 3-4). Sponsored by Cal Poly's Student Affairs Division, faculty administrators, and counselors from Cal Poly and around California will present a diversified program of discussions and workshops. Some 115 participants, including secondary school counselors and test officers, counselors from veterans service and state agencies, and private counselors from throughout the state are expected to attend.

Featured speakers will be Phil Rever of the American College Testing Program and Dr. Verne Walter, past president of the California Psychological Association. Rever, who will be introduced by Acting President Dale W. Andrews, will present the opening address at 8:30 am on Thursday.

Topics that will be discussed during the two-day conference include self-motivated career and life planning, career-vocational guidance technology, vocational-career counseling for women, financial and placement services, and career-vocational testing.

Conference activities will be held throughout the day and evening on both days with the Discovery Motor Inn being the headquarters for the conference. Individual group sessions will be held in conference rooms at the Monday Club and Sands Motel, both near the Discovery Inn, and at the Cal Poly Theatre on campus. Fees for the program are \$15 for the public, \$10 for Cal Poly staff members, and \$7.50 for Cal Poly students. Fees can be paid in advance or at registration at the Discovery Inn. Further information about the conference can be obtained by telephoning Norman Murphy (Counseling) at Ext. 2511.



## New employees, transfers and promotions

Donald L. Shelton (Director of Personnel Relations) announces the following appointments to new positions, transfers and promotions in the support staff personnel for February and March, 1979. A hearty welcome is extended to the new members of the Cal Poly staff and congratulations to those that have been promoted!

### NEW EMPLOYEES

Anderson, Andrew, Campus Peace Officer, Public Safety Department; Benson, Dolores, Head Resident I, Housing Office; Booth, Kathryn, Clerical Assistant II-A, Graphic Communications; Engsberg, Deborah, Data Entry Operator, Financial Operations; Fagan, Peter, Equipment Technician I, Chemistry; Henry, Michael, Equipment Technician I, Audiovisual; Ho, Bernadette, Clerical Assistant II-A, Library; Krebs, Fred, Programmer I, Admissions and Records; Linning, Darylin, Clerical Assistant II-A, Public

Safety; Reyes, Nancy, Clerical Assistant II-A, Mathematics; St. Clair, Patti, Intermediate Account Clerk, Plant Operations; Schrempp, James, Technical Assistant I, Audiovisual; Shishido, Arlene, Clerical Assistant II-A, Admissions and Records; Wright, Kenneth, Programmer I, Admissions and Records; Zondlo, Carolyn, Clerical Assistant II-A, Agricultural Education.

### TRANSFERS

Demko, Wendy, Telephone Operator, General Office; Rucker, Janice, Clerical Assistant II-C, School of Business.

### PROMOTIONS

Graham, Joan, Departmental Secretary I-B, Liberal Studies; Kroeze, Betty, Supervising Clerk I, Health Center; Schwiebert, Jane, Senior Account Clerk, Financial Operations; Smith, Holly, Student Affairs Assistant I, Activities Planning.



## "First Weekend" series

"Our Amazing Minds" will be the topic of an interview conversation that will be presented as the final program of the First Weekend Program Series on Sunday (May 6). With Loren R. Nicholson (Head, Journalism) and Bernice Loughran (Art) as participants, the program will be presented at 7:30 pm in University Union 220. Admission will be free and the public is invited to join university students, faculty, and staff in attending.

Nicholson says he has been impressed by the "torrent" of information generated by researchers in recent years — some of it given immediate attention by the media, and much of it buried in scientific literature. A member of the university's journalism faculty since 1956, he is a graduate of San Jose State University and Stanford Univer-

sity and a former advertising representative and director for newspapers in Watsonville and Redding and for Sunset magazine.

Dr. Loughran is coordinator of interdisciplinary humanities courses and has been a member of the art faculty at Cal Poly since 1958. She has taught a course on the human mind for several years and has attended a number of conferences on the mind and consciousness in the past five years. She is a graduate of Newark (N.J.) State Teachers College, Ohio State University, and Stanford University, who formerly taught in public schools in Connecticut, New Jersey, and California, and at Johnson State College (Vt.), University of Connecticut, and Danbury Teachers College.



## Books at High Noon

On Tuesday (May 8) Paul T. Adalian, Jr. (Library) will present a comparative review of "Cover-Up: The Politics of Pearl Harbor, 1941-1946" by Bruce Bartlett and "The Shadow of Pearl Harbor: Political Controversy Over The Surprise Attack, 1941-1946" by Martin Melosi (D 742 U5 M44). The presentation will focus on the political aspects after the attack on Pearl Harbor.

Adalian received a BA in History from California State University at Stanislaus, a MA in History from Loyola University, and a MLS from Syracuse University. He has taught 2½ years of college level history in Nebraska and Texas. He is editor of "Theater Drama Abstracts" and "Speech Communication Abstracts." He is a professional indexer and has indexed the White House Tapes.

He came to Cal Poly in September, 1978, to be the Head of Reference at the University Library. He was previously Head of Reference at San Francisco State University. Books at High Noon is sponsored by the University Library Tuesdays at noon in the Staff Dining Room. Cal Poly faculty and staff are invited to attend.



## Poly profs pen math test

A structured analytical technique for solving word problems is featured in a new algebra text written by two faculty members of the Mathematics Department at Cal Poly. "College Algebra With Applications" is the title of the book released in January by Winthrop Inc., a subsidiary of Prentice-Hall. The authors are Sabah Al-Hadad (Mathematics) and C.H. Scott, who retired in December, 1978.

Mathematical art precedes each chapter of the text, illustrating by its design the concepts conveyed within the chapter. The book also contains an extensive list of exercise sets with numerous applications. Answers to all even-numbered exercises are included in the instructor's manual. The new book, available through the publisher, is priced at \$14.95.

Dr. Al-Hadad, a graduate of Texas Technological College, received his master's degree in 1965 at Cal Poly and his doctor's degree at Arizona State University. Before joining the faculty in 1965, Dr. Al-Hadad was director of the ministry of Agricultural Development in Baghdad, Iraq. Scott, who retired from teaching at the end of the last Fall Quarter, is a graduate of the Municipal University of Wichita and received his master's degree in 1950 at Montana State College.

## STAFF VACANCIES

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

**Clerical Assistant II-A, \$729-\$771/month**, Electronic and Electrical Engineering Department. Duties and responsibilities: receptionist to students and the public, difficult engineering typing, electronic/electric circuit drawing, filing, duplicating, maintaining student/advisor files and many other varied jobs. Requirements: one year clerical experience, type 45 wpm and must have taken General Clerical Test. Closing date: 5-17-79.

**Clerical Assistant II-B, \$779-\$931/month; one-year temporary position**, Placement Center. Duties and responsibilities include acting as receptionist for busy, public office serving students, faculty, and employer representatives; maintaining mailing lists for extensive weekly publication distribution; performing clerical tasks of above average difficulty, which are always subject to interruption to serve visitors to the office. Requires public relations skills, organization ability. Requirements: one year clerical experience, type 45 wpm, shorthand 80 wpm, and must have taken General Clerical Test. Closing date: 5-17-79.

**Clerical Assistant II-A, \$729-\$871/month; temporary-help**, Library, (Acquisitions/Collection Development Department). Periodical Subscriptions/Bindery Clerk. Process departmental requests for periodical subscriptions; records receipt of publications and forwards items to departments. Prepares materials for State Bindery and processes bound items for shelving in stacks. Completes in-house binding of some items. Requirements: one year clerical experience, type 45 wpm, and must have taken General Clerical Test. 40-hour work week with possible flexible hours, evenings and weekends. Closing date: 5-17-79.

**Departmental Secretary I-A/B, \$797-\$974/month; temporary position July 2, through August 31, 1979**, Soil Science Department. Duties and responsibilities include typing correspondence, class handouts and ex-



## Staff vacancies cont'd.

ams, maintaining budget records and processing student payroll. Requirements: two years general clerical experience, typing 45 wpm, shorthand 80 wpm (to qualify as B), and must have taken the General Clerical Test. Closing date: 5-17-79.

# 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.

**Lecturer, \$4,752-\$5,712/quarter**, Crop Science Department, School of Agriculture and Natural Resources. Full-time position for the Fall Quarter, 1979. Duties include teaching field crop courses, mainly lower division. Master's degree in Crop Science, Agronomy or Horticulture or a Bachelor's degree with appropriate experience in the field is required. Closing date: 5-17-79.

**Part-time Lecturer, \$13,008-\$15,624/year; salary quoted is for full-time and will be adjusted according to assignment and qualifications**, Metallurgical and Welding Engineering Department, School of Engineering and Technology. Anticipates part-time teaching positions available for the 1979-80 academic year. Position available on a quarter-to-quarter basis. Duties and responsibilities include teaching a varying number of units in metallurgical engineering lab classes in heat treating, metallography, corrosion control, failure analysis, non-destructive examination procedures, etc. Bachelor's degree in Metallurgical Engineering and current equivalent industrial experience desirable. Professional engineer's registration desirable. Position available September, 1979. Closing date: 6-1-79.

**Assistant/Associate Professor, \$14,256-\$21,624/academic year**, Home Economics Department, School of Human Development and Education. Position available September, 1979. Duties: Teaching courses in Nutrition or nutrition related field. Ph.D. required in Nutrition or nutrition related field; Registered Dietitian, have served an Internship in a hospital facility, and have one year's work experience in an

Allied Health teaching hospital facility. Prior university teaching experience preferred. Closing date: 7-5-79.

**Lecturer(s), \$4,752-\$5,712/quarter; based on a 15-unit teaching lead and will be adjusted according to assignment**, Speech Communication Department, School of Communicative Arts and Humanities. Possible part-time openings for the 1979-80 academic year and Summer Quarter 1980. Duties and responsibilities include teaching sections of fundamentals of speech. M.A. degree in speech and experience in college teaching preferred. Closing date: 6-4-79.

**Lecturers, part-time, \$14,256-\$17,136/year; salary quoted is full-time and will be adjusted according to assignment and qualifications**, Landscape Architecture Department, School of Architecture and Environmental Design. Anticipates openings for part-time employment teaching practice, design, and plant composition. Applicants must submit brochure of original work for review. Prefer candidates with California registration and teaching experience. Assignment commences Fall 1979 for the 1979-80 academic year and Summer Quarter 1980. Closing date: 6-1-79.

**Part-time Teaching/Coaching, \$241-380/unit; salary based on qualifications and experience**, Physical Education Department, School of Human Development and Education. Openings are anticipated from time to time during the 1979-80 academic year and Summer Quarter 1980 for part-time teaching or coaching positions. Vacancies may be available in physical education or recreation teaching (particularly fencing, gymnastics, archery, field experience supervision) and/or athletic coaching (particularly swimming, water polo, soccer, tennis). Bachelor's degree minimum; Master's degree preferred. Teaching experience as well as other appropriate professional experience is important. Closing date: 5-25-79.

**Lecturers, \$4,336-\$5,712/quarter; based on 15-unit teaching load with adjustment in accordance with actual number of units assigned**, English Department, School of Communicative Arts and Humanities. Possible part-time positions for Fall, Winter, and Spring Quarters for the 1979-80 academic year and Summer Quarter 1980. Duties include teaching freshman composition. A Master's degree in English is required. Experience in teaching composition is preferred. Closing date: 5-31-79.

**Lecturers, \$1,447.98-\$1,584.00/quarter; based on a 6-unit teaching assignment**, English Department, School of Communicative Arts and Humanities. Possible part-time positions for Fall, Winter, and Spring Quarters for the 1979-80 academic year and Summer Quarter 1980. Concurrent enrollment in the department's graduate program is required. Duties include teaching freshman composition. Closing date: 5-31-79.

**Lecturers, \$3,620-\$3,960/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 and Summer Quarter 1980 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: 5-25-79.

**Lecturers, \$4,336-\$5,712/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 and Summer Quarter 1980 to teaching one or more courses in the biological sciences. Applicants should list each relevant course (lab and lecture) they wish to be considered for. Closing date: 5-25-75.

**Lecturers, \$1,267-\$1,523/quarter; depending upon qualifications**, Accounting Department, School of Business. Part-time positions available for Fall Quarter, 1979 (and possibly Winter, Spring and Summer Quarters 1980). Duties and responsibilities include teaching 4 hours per week in introductory accounting courses. Preference given to persons with minimum of Master's degree in Accounting, CPA or CMA and appropriate teaching and professional experience. Closing date: 5-28-79.

**Lecturer, \$950-\$1,523/quarter, dependent upon qualifications**, Business Administration Department, School of Business. Part-time positions available to teach Fall, Winter, Spring and Summer Quarters, 1979-80 academic year. Duties include teaching Business Law Survey (Bus 201-3 units) or Business Law (Bus 207-4 units). J.D. (L.L.B.) with successful completion of a state bar examination required. Professional and/or teaching experience in Business Law preferred. Closing date: 5-28-79.

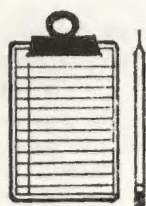
**Lecturer, \$1,267-\$1,523/quarter, dependent upon qualifications**, Business Administration Department, School of Business. Part-time positions available to teach Fall, Winter, Spring and Summer Quarters, 1979-80 academic year. Duties and responsibilities include teaching 4 unit courses in the field of real estate: Practice (FPM 331), Appraisal (FPM 333), Investments (FPM 334). Bachelor's degree required, Master's degree preferred. Extensive experience in respective fields and/or appropriate professional designations preferred. Closing date: 5-28-79.

**Lecturer, \$4,752-\$5,712/quarter; based on a full-time teaching load of 15-units**, Economics Department, School of Business. We wish to establish a pool of



qualified individuals interested in part-time teaching assignments during the 1979-80 academic year and Summer Quarter 1980. Duties include teaching introductory economics classes, covering both microeconomic and macroeconomic principles. Candidates must possess at least a Master's degree in economics. Ph.D. in economics and/or experience teaching introductory economics at a two-year or four-year college or university preferred. Closing date: 5-28-79.

**Lecturers, \$4,336-\$9,116/quarter; salary varies with teaching load and qualifications.** Management Department, School of Business. The department is seeking to compile a list of individuals who wish to be considered for part-time lecturer positions for the 1979-80 academic year and Summer Quarter 1980. Quarter-by-quarter assignments will be made from this list. Positions may be available in the general areas of Industrial Relations, Management, International Management, and Management Information Systems. Individuals who feel they would be able to teach one or more courses offered by the Management Department should submit an application listing each course that they would want to be considered for. Master's degree in appropriate discipline desirable. Ph.D. preferred. Experience (private or public) in related discipline desired. Closing date: 5-28-79.



## 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.

**Research Intern, \$500/mo.-temporary position.** Duties include experimental studies with powdered activated carbon. Requirements: B.S. in Chemical Engineering and six months in a chemical engineering laboratory. Closing date: 5-18-79.

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

**Jay L. Devore, Computer Science and Statistics,** has had an article titled "Estimating a Population Proportion Using Randomized Response" published in the January edition of "Mathematics" magazine.

**Kenneth E. Schwartz, Associate Dean, Architecture and Environmental Design,** has been elected to the College of Fellows of the American Institute of Architects, an honor conferred on selected AIA members for outstanding contributions to the profession.

**James H. Nash, Director, Student Health Center,** was elected member-at-large of the executive committee of the Association of California State University and Colleges Physicians at the groups' Spring meeting in San Francisco.

**Shirlene Soto, History,** presented a paper on "Los derechos de la mujer en Mexico, el Gobernador Alvarado y el I y II Congresos Feministas de Yucatan" at the II Simposio, Mujer y Sociedad en America, sponsored by the University of California at Irvine and the Secretary of Education and Social Welfare of Baja California. The meeting was held in Ensenada, Mexico, Mar. 29-30.

**Donald R. Floyd, Social Sciences,** chaired a session and read a paper entitled "A Geo-historic Overview of Sweden's Gota Canal" at an Apr. 13-14 conference of the Arizona-Nevada Academy of Sciences. The conference was held on the campus of Arizona State University, Tempe.

**Calvin E. Willvert, Social Sciences,** has received the Meritorious Teaching Award of the California Council for Geographic Education. The award will be formally presented on May 5 in Fresno.

**Carl Lutrin, Political Science, and John McKinstry, Social Science,** read papers at the joint Western Political Science Association/International Studies Association - West meetings in Portland, Oregon. Dr. Lutrin and **James Coleman, Social Science,** wrote a paper entitled, "Affirmative Action in Public Safety: The Implications for Public Policy." Dr. McKinstry and Carl Lutrin wrote "The Korean of Japan: An Issue of Human Rights."

**Katharine M. Barthels, Physical Education,** recently presented two guest lectures at the University of Arizona: "Biomechanics Applications in Sports:—Have You Ever Wondered Why...?" and "Biomechanics of Swimming: Useful Applications for Teachers, Coaches, and Swimmers."

**Harry Sharp, Jr., Head, Speech Communication,** participated in the organizing meeting of the Speech Council of California held April 20 at San Francisco. Dr. Sharp chairs the Council's Committee on General Education.

**Judy Saltzman, Philosophy,** was a speaker at the recent conference of the California Humanities Association. Her topic was, "An Interface Between Science and Religion."

**Valerie Janesick, Education,** delivered a paper titled, "An Ethnographic Study of A Teacher's Classroom Perspective: Implications for Curriculum" at the annual meeting of the American Educational Research Association. The conference was held Apr. 8-12 in San Francisco.

**Warren W. DeLey, Assoc. Dean, Div. of Social Sciences, Leo W. Pinard and Robert S. Quan, Social Sciences,** attended the annual meeting of the Pacific Sociological Association in Anaheim, April 4-7.

**Everett M. Chandler, Dean of Students emeritus,** received the top award for professional service of the National Association of Student Personnel Administrators during a ceremony held on April 8 in Washington, D.C. Dr. Chandler was recognized for his lifetime dedication to the betterment of student services and the outstanding student personnel program developed at Cal Poly under his leadership.

**Judy D. Saltzman, Philosophy,** gave a talk titled "Religion in Ancient Great Britain," to the San Luis Obispo Unitarian Fellowship on March 4.

**Mac McRobbie, Head, Industrial Technology,** participated in the April 5-7 accreditation visit to Southern Illinois University's Military Base Extension Program at Mare Island Naval Shipyard, Vallejo, CA. This reaccreditation review of Southern Illinois University at Carbondale's Bachelor of Science in Industrial Technology programs was conducted by the National Association of Industrial Technology.

**Robert L. Hoover, Social Sciences,** was program chairman and host for 500 archaeologists from academic, governmental and private sectors at the annual meeting for the Society for California Archaeology in San Luis Obispo, April 5-7. Other members of the Cal Poly community who helped host this meeting were **Luther Bertrando, Computer Center, Barbara Cook and Katharine Fuess, both Social Sciences, and Charles Dills, Chemistry.**

**Robert W. Walters, acting director of Activities Planning Center and director of the university's Week of Welcome orientation program,** has been elected vice president of the National Orientation Directors Association. Walters was elected at the NODA national conference held recently in Kalamazoo, Mich. He has been a member of NODA since 1974, and a member of the Board of Directors since 1975. His term as vice president of NODA will be for two years, expiring in late 1980.



# encouraging notes

May 3, 1979

PROPOSAL WRITING SEMINARS. A series of seminars in proposal writing will be given by the Coordinator, Research Development, during the week of May 21. The seminars are given in three one-hour sessions: the first covers getting organized and finding a sponsor; the second deals with the narrative of the proposal itself; and the third involves a critique of an actual proposal.

The seminars will be given at 11:00 a.m. on Monday, Wednesday, and Friday, May 21, 23, and 25, in Ag 241, and will be repeated each day at 2:00 p.m. in Ag 241. All interested are welcome to participate--the seminars offer an opportunity to both develop and improve proposal writing skills.

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\*\*\* SOLAR ENERGY RESEARCH INSTITUTE - ASSOCIATED WESTERN UNIVERSITIES. The Associated Western Universities (AWU) is negotiating an agreement with the Solar Energy Research Institute (SERI) in Golden, Colorado, to become part of the consortium. Although the time is short, it is possible that an AWU appointment could yet be worked out for this summer at SERI. For information, call George Warfield, Assistant Director for Education and International Programs, telephone 303-231-1823, both at SERI.

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\* NATIONAL SCIENCE FOUNDATION - INTEGRATED BASIC RESEARCH. A new program announcement has been published by NSF's Division of Integrated Basic Research (IBR) describing the four topic areas for supplemental funding in FY 1979: Advanced measurement investigations, biogeochemical cycles of selected elements, deep mineral resources, and population redistribution. IBR will not accept proposals but will provide research support through the basic research directorate programs in the selected areas.

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\*\*\* DOE - COAL GASIFICATION USES FOR INDUSTRY. The Department of Energy is asking potential industry users of low- and medium Btu gas from coal to join in studies to determine the applicability of this emerging technology to American industry, potential costs and the problems associated with it.

In a notice of program interest, DOE is seeking answers to questions related to the use of low- and medium-Btu gas such as environmental and siting problems, cost, reliability, distribution costs, transportation and regulatory impact.

DOE is seeking project proposals from potential users of the gas rather than from vendors of gasification equipment.

Proposals should be submitted by August 1 to the Office of Coal Resource Management, Assistant Secretary for Resource Applications, Department of Energy, Washington, D.C., 20461.

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\* NATIONAL SCIENCE FOUNDATION - PUBLIC UNDERSTANDING OF SCIENCE. (SE 79-60) There is a total of \$3,100,000 available in FY 1979 for four funding cycles of the PUOS Program. Grants are made to colleges, universities, laboratories, museums, state and local government agencies, professional associations and societies, citizens' groups, and other profit and nonprofit organizations for projects that improve the scope,





NATIONAL SCIENCE FOUNDATION - PUBLIC UNDERSTANDING OF SCIENCE (continued)

quality and quantity of communication between scientists and nonscientists, and to facilitate and improve the processes of public communication about science. Projects with the following characteristics are preferred: high cost-effectiveness; effective communication to a substantial and significant audience; importance that goes beyond specialized or parochial interests; target audiences that are not effectively reached by existing information education programs; and use of innovative modes of communication. Project categories in order of funding priority are: 1) improving the public understanding of science; 2) improving modes of communication with the public; and 3) studies of the communication of scientific information to the public.

DEADLINE: 6/1/79 PRELIM; 8/1/79 FINAL.

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- \* NATIONAL ENDOWMENT FOR THE HUMANITIES - CATEGORY C FELLOWSHIPS, 1980-81. These fellowships provide opportunities for teachers in undergraduate colleges to participate in seminars directed by distinguished scholars at designated universities and to undertake research and study of their own choosing beyond the work of the seminars. These seminars enable college teachers to work in a library suitable for advanced study and to discuss their work with the seminar director and other teachers from diverse institutions. Only teachers in two-, four-, or five-year colleges and universities are eligible to apply. Faculty members of departments with doctoral programs are not eligible to apply under this category. Former recipients of Fellowships in Residence for College Teachers are no longer excluded from applying for participation in these seminars, although strong preference will be given to applicants who have not had major fellowships in recent years.

<u>FIELD</u>	<u>SEMINAR TOPIC</u>	<u>DIRECTOR &amp; LOCATION</u>
Humanities: Open only to teachers in two-year colleges	The Black American Experience: Insiders and Outsiders	Harold Pfautz, Sociology Professor Brown University Providence, RI
Humanities: Open only to teachers in two-year colleges	Sociological and Psychological Aspects of Modern Literature	Robert N. Wilson, Sociology Professor University of North Carolina Chapel Hill, NC
Art History	Explorations in the Art of Michelangelo and Titian and Their Age	Creighton Gilbert, History of Art Professor, Cornell University Ithaca, NY
Literature	Themes and Configurations in Afro-American Culture	Richard Long, English & Afro-Amer Studies Professor Atlanta University Atlanta, GA
History	The "New Labor" History	Joan Scott, History Professor University of North Carolina Chapel Hill, NC
Philosophy	Human Action: Self, Thinking, and Reality	Hector-Neri Castaneda Philosophy Professor Indiana University Bloomington, IN
Reading Theory and Literature	Literature and Literacy	W. Ross Winterowd, English Professor University of Southern California Los Angeles, CA

DEADLINE: 11/13/79