

# cal poly report



CALIFORNIA POLYTECHNIC STATE UNIVERSITY  
SAN LUIS OBISPO, CALIFORNIA 93407

Volume 28, Number 37

May 13, 1976



## Macbett

by Eugene Ionesco

Cal Poly Theatre

May 20, 21, 22 Curtain 8:00 pm



Complete with cloak and dagger, murder, and a pinball machine, "Macbett" is coming to Cal Poly. "Macbett," as a theatrical production, should not be confused with Shakespeare's famous tragedy "Macbeth." It should be seen with the knowledge that, although it had its beginnings in Shakespeare's tragedy, its middle and end have little to do with Shakespeare -- or anybody else for that matter.

"Macbett," by Eugene Ionesco, is a hilarious satire of "Macbeth." It parallels the original Elizabethan play loosely, drawing on Shakespeare's drama for characters and ideas. At the beginning, the original is followed, but the viewer notices that all is not quite right -- Banquo is being called Banco, Cawdor is Candor, Macbeth is Macbett. And there are only two witches instead of the traditional three. Soon the satire becomes so thick as to almost obscure the original version. Triangular puns abound and, as the hilarity begins, the audience realizes it has been caught in a trap of absurdity.

Although Ionesco used "Macbeth" as a point of departure, he said, "I ended the name of my play, 'Macbett,' with two t's, so it wouldn't be confused with the play by Shakespeare, which I suspect many people know." But had the Rumanian-born French playwright not wanted his audience to know exactly from where he had stolen the idea, he surely wouldn't have given his satire such a similar name.

Director of the Cal Poly production Dr. Michael Malkin describes the play as a "hilarious and outrageous satire in which Ionesco once again reveals his superb comic insight and dazzling theatrical imagination. Ionesco is one of the first and leading exponents of what has come to be called "theatre of the absurd." Within this context, absurd is used to mean "that which is devoid of purpose. Cut off from religious, metaphysical and transcendental roots, man is lost; all his actions become senseless, absurd, useless," according to Ionesco.

Among Ionesco's other well-known works in avant-garde theatre are "Rhinoceros" and "The Bald Soprano." "Macbett" is his most recent work and was first performed in Paris. The play made its American premiere in 1973 at the Yale Repertory Theatre, where it was a smash hit. The Cal Poly production will go on the boards Thursday, Friday, and Saturday (May 20, 21, and 22) at 8 pm in the Cal Poly Theatre. "Macbett" is the third and final production of the year by the Cal Poly Speech Communication Department, which presented "Death of a Salesman" and "Harvey" earlier. Tickets are being sold in advance at the University Union ticket office. They will also be available at the door before each performance. General admission tickets are \$1 for students and \$2 for others.



### INDUSTRIAL ARTS SHOW IN JUNE



Students from Central Coast area secondary schools will get a chance to display their projects in the third annual Central Coast Industrial Arts Show at Cal Poly on Friday (June 4). The show is expected to draw student projects ranging from fiber glass boats to digital clocks. They will be on display in Chumash Auditorium from 12 noon until 9 pm. The public is invited to view the projects free of charge. The show is being sponsored by the student chapter of the Industrial Technology Society and the Industrial Technology Department.

Projects by both high school and junior high school students will be entered in seven classes including drafting, metals, wood, electronics, crafts, plastics, and graphics. Winners will be announced during an awards ceremony at 8 pm. A new feature will be an Automotive Trouble Shooting Contest for high school students on Saturday (June 5) adjacent to the Engineering West Building. It will match school against school in a race to find out what is wrong with contest vehicles. The high schools competing in the trouble shooting competition will include Santa Maria, Righetti of Santa Maria, San Luis Obispo, Lompoc, Cabrillo of Lompoc, Templeton, Paso Robles, Arroyo Grande, Morro Bay, and Atascadero.

### DONOVAN MARLEY WILL LECTURE

"Creating the Ideal Theatre Program" is the title of a lecture to be delivered by Donovan Marley, director of the Pacific Conservatory of the Performing Arts (Allan Hancock College) in Davidson Music Center 212 at 9 am on Wednesday (May 19). The lecture is being sponsored by the Speech Communication Department and is open to the public. Marley has been director of drama at Hancock College for 12 years. In that time the department has grown from an enrollment of 15 students to its current status of about 500 students yearly. The department stages 16 plays during the term.

The Pacific Conservatory of the Performing Arts, under Marley's direction, is best known on the Central Coast and throughout California for its summer program of six repertory plays. Artists from throughout the United States come to the Central Coast to perform in shows at the PCPA Theatre in Santa Maria and the Solvang Theatrefest. The PCPA repertoire for the 1976 summer session will include the West Coast premiere of "Candide;" "The Ballad of the Sad Cafe;" "The Musical Gypsy;" "Romeo and Juliet;" "Much Ado About Nothing;" and "The Utter Glory of Morrissey Hall," a first-time performance of a play by Clark Gessner, who wrote "You're A Good Man Charley Brown."

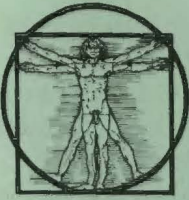
Marley is a member of the California Theatre Arts Commission, which acts as an advisor for allocation of funds by the state to theatre and fine arts programs throughout California. He completed his undergraduate studies at the University of New Mexico and did graduate work at the University of Texas at Austin. Before settling on a career in directing, Marley worked as an actor, expressing his interest in both music and drama.

### OCCIDENTAL INSURANCE REP WILL VISIT

Fred Hardin, representative of Occidental Life of California, will be on campus Tuesday (May 18) from 9:30 am to 12:30 pm to answer questions of employees on the Cal Western-Occidental basic and major medical health insurance sponsored by the Public Employees' Retirement System. He will also answer questions about California State Employees' Association ordinary and term life insurance, and CSEA major medical health insurance. Those interested in talking with him can contact him in the Personnel Office, Adm. 110. Appointments are not necessary.



SPRING BAND CONCERT PROGRAM ANNOUNCED



The role of band music in America's history -- from town bands playing in the park and military bands marching in review to symphonic bands performing in the concert hall -- will be the theme of the annual Spring Concert of the Cal Poly Symphonic Band. The program, to be presented at 8:15 pm on Saturday (May 15) in Chumash Auditorium will include music by composers from Vincent Persichetti to John Philip Sousa.

Also featured will be Eric Schmidt's "The Middle Earth Suite." First presented at the Winter Concert in February, the composition is an original work by a Cal Poly student. "The Middle Earth Suite" is based on J.R.R. Tolkien's classic fantasy trilogy "The Lord of the Rings." Schmidt is a member of the band's saxophone section.

Also scheduled for performance by the 80-piece Symphonic Band are the "Symphony No. 6" for Symphonic Band by Vincent Persichetti, "The George Washington Bicentennial March" by John Philip Sousa, "Music for Winds and Percussion" by Elliot del Borgo, "Fanfare and Celebration" by Jerry Niel Smith, and a tribute to the French people titled "Father of Victory" by Louis Ganne.

Performances by several smaller ensembles composed of members of the Symphonic Band are also planned for the campus concert at Cal Poly. The University Winds will perform Aaron Copland's "A Lincoln Portrait" for narrator and band. Narration will be by Loran Tacker, history instructor at Morro Bay High School and a frequent actor in Central Coast drama productions. The newly-formed Brass Quintet and Saxophone Septet will make their debuts at the annual concert. The Brass Quintet will perform "Canzona Bergamasca" by Schildt. The saxophone group will present Harold Owen's "Prelude for Saxophones." Also performing will be the Percussion Ensemble, which will present "Skin Symphony," an original composition by ensemble member John Beck.

Guest conductor for the evening performance will be Warren Balfour of Cuesta College. He will conduct two numbers by the Cal Poly band, William V. Johnson, the band's regular conductor, will direct the remainder of the show except for student conducting of special pieces. Tickets for the concert at Cal Poly, are priced a \$2 general admission and \$1 student admission. They are available in advance at the University Union ticket office and from members of the band.

KENNEDY AND SHELTON ON CSUC TASK FORCE

President Robert E. Kennedy and Donald L. Shelton (Director, Personnel Relations) have been appointed by Chancellor Glenn S. Dumke on the restructured Task Force on Steady State Staffing. The Board of Trustees recently charged this task force with the responsibility of reviewing current campus layoff procedures and recommending policies establishing equitable layoff procedures for action by the Trustees in Jan. 1977.

Dr. Kennedy will represent the Chancellor's Council of Presidents and Shelton the support staff on the fourteen member task force which also has representation from the Trustees, Academic Senate, Student Presidents, Academic Vice Presidents, and Chancellor's Staff. The task force will begin meeting in June to review background materials relating to the "Ritchie Amendment" and responses from various groups on proposed layoff policies and procedures.

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Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Tuesday (May 18) in the Public Affairs Office, Adm. 210. Copy intended for Cal Poly Dateline is due in the Public Affairs Office by 12 noon on Wednesday (May 19).



### WARNING ON PLACEMENT REGULATIONS

David A. Ciano (Campus Title IX Coordinator) reminds faculty and staff of the necessity of clearing employment opportunities information through the Placement Center (reference: CAM Section 661.1). Because Title IX requires all universities to advertise employment opportunities in certain defined ways, it is imperative that jobs be publicized through regular Placement Center bulletins. Title IX provides that it is illegal to promote or distribute in any way information from an employer who either discriminates in hiring practices or in the wording of employment notices. This would include the designation of a position as a "male" or "female" job, stating a preference as to single or married applicants, asking illegal questions on applications or in employment interviews, requesting to interview members of only one sex or race, among other things.

Failure of a university personnel to observe the provisions of Title IX can result in a loss of federal funding at worst, and embarrassment at least. Recently a position was advertised by a faculty member which illustrates the need to utilize Placement Center Services. Because the job was advertised, and the employer acted in an illegal manner, a complaint resulted towards both the employer and the university. Employers who systematically refuse to hire one sex or the other, or make other violations of Affirmative Action guidelines, expose themselves to lawsuits. In addition, Cal Poly's public image may suffer as a result of such activities and complaints. Too, individual faculty members who provide private placement services may expose themselves to embarrassment as well as lawsuits.

In contrast, the Placement Center assures compliance with Title IX through thorough review of all application materials, informational brochures, and job descriptions submitted by employers. Placement Center staff members are able to handle potential problems through rapid and personal communication with employers. The Placement Center is also specially staffed and equipped to disseminate employment information to all employment-seeking students and alumni, offering individual assistance in application letters and resume composition, and in employment search techniques. As in the past, once the Placement Center has been notified of a position and compliance with Title IX regulations has been assured, faculty and staff will be asked to post job notices within their departments.

Mr. Ciano urges all faculty and staff to take advantage of the Placement Center's complete and specialized service. Questions or requests for copies of Affirmative Action guidelines may be referred to Shel Burrell in the Placement Center, Ext. 2501.

### NSF GRANT WORKSHOP FOR STUDENTS

Funds for student projects of an interdisciplinary nature will be discussed in a seminar to be held at 11 am on Tuesday (May 25) in Computer Science 201. The seminar, which will be led by Robert A. Lucas (Coordinator of Research Development) will be open to all upperclassmen interested in conducting funded research within the guidelines set by the National Science Foundation NSF. Dr. Lucas will discuss procedures for applying to the program for interdisciplinary studies of a scientific or technological nature.

Studies must be originated, planned, and conducted by advanced undergraduates. Students may receive up to \$90 per week for their efforts. As proof that the program is a reality and not simply a dream, the NSF in March awarded a grant of \$12,700 to Cal Poly for a student originated project being conducted by seven students. The project, titled "The Integration of Structure and Environmental Control in a Prototype Building," will involve the installation of a solar collection system in the fluid supported structure in Poly Canyon.



#### UNIVERSITY RECEIVES AID AWARDS

Three awards were presented at the President's Council meeting Monday (May 10) from the Board of Directors of AID-United Givers, San Luis Obispo County. The first award was a Certificate of Appreciation to all the employees of Cal Poly in recognition of the \$27,504 pledged to the 18 service and charitable causes supported by AID. This pledge for 1976-77 was 12 percent higher than last year's and represents about 22% of all funds donated through AID in the county.

The other awards were a Citation for Community Services to Robert Negranti (Staff Personnel Officer) Cal Poly's AID campaign coordinator, and a Certificate of Appreciation to Mary Smith (Personnel) AID campaign assistant for their efforts heading up the fund raising drive for this campus. President Kennedy, in presenting the awards, noted that much of the success of the AID drive was due to these people and the 100 AID captains that made contact with fellow employees to enlist support for the service and charitable agencies in SLO County.

#### AG LEADERSHIP PROGRAM CONTINUES

"Communications and Education" will be the theme for the seventh seminar of the first year for Class 6 of the Agricultural Leadership Program which will convene at Cal Poly today, Thursday (May 13). The three-day meeting will include workshop sessions and a tour of Pacific Gas and Electric Company's Diablo Canyon Nuclear Power Facility. Thirty young agriculturists will participate in the three-day meet. They were selected for Class 6 from among nearly 100 candidates.

The program, operated by the Agricultural Education Foundation, is designed to develop leadership abilities among young people already in agricultural or related agricultural industries. The sessions at Cal Poly will cover practical applications of parliamentary procedure, school and community relationships, and persuasive speaking. Serving as resource people for the seminar are Walter P. Schroeder (Head, Education), Homer E. Hoyt (Education), David Gray, superintendent, Atascadero Unified School District; and Wesley P. Smith, retired state vocational education director.

#### CSEA RETIRED EMPLOYEES' COUNCIL WILL MEET

The Retired Employees' Council of the California State Employees' Association will meet on Saturday and Sunday (May 22 and 23) at Howard Johnson's Motor Lodge in San Luis Obispo. All retired state employees are encouraged to attend this meeting. Beginning at 9 am on Saturday (May 22) the program of the meeting will cover a wide variety of business. Among those speaking will be Alex Young, Chief of the Claims Unit of the Health Benefits Division of the Public Employees Retirement System. Mr. Young will be available during the meeting to assist individuals who have claims problems with any of the state sponsored health plans. For additional information, call S. Milton Piuma (Personnel Office, retired) at 773-5526.

#### WETTLAUFER RETIREMENT COFFEE

Boyd N. Wettlaufer (Photographer) who is retiring in June will be honored at a coffee and cake reception in the Staff Dining Room on Wednesday (May 26) from 2 pm to 4 pm. Boyd has been at Cal Poly for over 16 years and all faculty and staff are invited to bid him farewell.



#### ACADEMIC DEADLINE REMINDER

Gerald N. Punches (Registrar) has issued a reminder to all faculty that the 7th week of instruction ends at 5 pm on Friday (May 14). This is the deadline for submitting a petition to withdraw from a course. (The university catalog states: "Except for University recognized emergencies, no withdrawals from courses are permitted beyond the seventh week of instruction.")

It is also the deadline for submitting a petition to take a course on a credit no credit basis, and for submitting a petition to repeat a course. If a student is repeating a course spring quarter at Cal Poly in which he has previously received a D or F grade from this university, he must file this petition in the Records Office to ensure the recalculation of his grade point average.

#### OWEN WILL RETURN TO TEACHING

President Robert E. Kennedy has announced his approval of the request of Evan R. Owen (Head, Electronic and Electrical Engineering) to return to full time teaching in September. In his note to Dr. Owen, President Kennedy stated "your seven years as department head have been very much appreciated. You entered the assignment at a time when we needed strong leadership in the Electronic Engineering Department and later when the Electrical Engineering Department was merged with EL, your leadership abilities were again put to a test. In both cases your management efforts effectively pulled the faculty together in accomplishing the goals of the department." The consultative process for selecting a new department head for the Electronic and Electrical Engineering Department is currently in process.


#### FACULTY-STAFF SPRING GOLF FLING

A new format for the annual University Club Spring Golf Fling has been announced by William W. Armentrout (Education), 1976 tourney chairman. In view of past criticism of particular golf courses selected for tourney play, this year's format will permit entrants to choose their own course for play on the Memorial Day weekend (May 29-31). For those taking part, a special tee-off time has been arranged at San Luis Obispo Country Club on Memorial Day (May 31) at 11 am. A golf ball will be provided each non-Country-Club member at the first tee. Attested scorecards from the course played are to be directed to William W. Armentrout at the San Luis Obispo Country Club on Memorial Day, or at the Education Department.



#### BICENTENNIAL TIME-LINE

The Provincial Congress of Virginia declares itself independent from Britain and instructs its delegates to propose independence at the Continental Congress. In Williamsburg, British flags and pictures of King George are burned.





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

Donald R. Floyd, David Harrow, George J. Suchand and Calvin H. Wilvert (all Social Sciences) attended the annual meeting of the California Council for Geographic Education held on Apr. 30 to May 2 in Long Beach.

Robert E. Alberti and Michael L. Emmons (both Counseling) have written an article titled "Assertion Training in Marital Counseling" which was published in the Jan. issue of the Journal of Marriage and Family Counseling. The paper is based upon a presentation by Drs. Alberti and Emmons at the 1974 annual meeting of the California Association of Marriage and Family Counselors.

James A. Nauls, Jr. (Student Activities) has been appointed to membership on the Human Relations Commission for the period 1976-1980 by the San Luis Obispo City Council.

Carl E. Lutrin and Allen K. Settle (Political Science) have had their text, American Public Administration: Cases and Concepts published by Mayfield Publishing. The book is an attempt to introduce students to the theoretical and practical aspects of public administration.

Frank J. Hendel (Aeronautical Engineering) was awarded certificate of appreciation for chairing and organizing the Symposium on Alternate Fuel Resources in March. At the annual meeting of the American Institute of Aeronautics & Astronautics, Vandenberg Section. Dr. Hendel was also installed as member of the Council of the Section for 1976-1978 and as Chairman of the Education Committee. On Apr. 30 - May 1, Dr. Hendel attended the AIAA Student Conference, held at the Northrop University in Inglewood.

Timothy W. Kersten, Sheila J. Moore, Walter E. Rice, and Alden F. Shiers (Economics) participated in the Central Bank Seminar held by the Federal Reserve Bank of San Francisco on May 5.

Vaughan D. Hitchcock (Head, Wrestling Coach) has been appointed team leader-coach of the United States' Greco-Roman wrestling team for the 1976 Olympics. He was in Plattsburgh, N.Y. and Montreal, Canada this week attending a seminar for the '76 Olympic Games. Hitchcock will be with the United States Olympic wrestlers in Montreal from Jul. 17 - Aug. 2. Final Olympic Trials will be held May 16 and 17 at Cleveland, O. with the final training camp at Brockport, N.Y. beginning Jun. 17.

Several members of the Political Science Department recently attended the Western Political Science Association meetings in San Francisco. Among those attending, several read papers: Joe N. Weatherby, Jr. wrote on "Spain's Vietnam: The Riff War of the 1920s," Randal L. Cruikshanks and John H. Culver presented their paper, "Judicial Removal: The Incompetent Judge in the State Court System;" and John C. Syer presented "Conditions Influencing Curriculum Development: Starting from Scratch." In addition Richard B. Krantz-dorf was a member of Subcommittee on Employment Practices panel. Others who attended included Allen K. Settle, Janna C. Roderick and Stanley R. Buller.

Alfred M. Bachman (Math) and George H. McMeen (Math) attended the California Mathematics Council, Southern Section annual Spring Conference in San Diego from Apr. 30 - May 1.

James R. Emmel (Head, Speech Communication) attended the Association of Speech Communication Administrators meeting and the California Speech Association meeting in Fresno on May 7 and 8. Dr. Emmel presented a paper at the general session of the convention titled "Task Force on Student Writing Skills: A Point of View."



### VACANT FOUNDATION STAFF POSITION

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

Salad Room Supervisor (\$3.21-\$3.89 per hour). Food Service Department. Person able to supervise, and participate in production of salad room. Must be creative in development of salads for all Food Service areas; operate all equipment; assist with scheduling and related production responsibilities. Requirements: high school graduate or equivalent with three years of salad room experience. Applications will be accepted through May 27, 1976.

### OH SALE COMING

The Ornamental Horticulture Department will have a landscape plant sale Saturday (May 22) from 8 am to 5 pm at the Ornamental Horticulture Unit. Prices for items on sale include: 1-gallon plants for \$1.00, 5-gallon plants for \$3.75, and California natives for \$1.00 (gal). Parking lot surplus plants will be available for 50¢ (gal). Student enterprise project items will be available for sale at regular prices. Specialty items may be purchased from the flower shop.

### CANDIDATES SOUGHT FOR FACULTY POSITIONS

Candidates for positions on the faculty of the university are presently being sought, according to Donald L. Shelton (Director, Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This university is subject to the requirements of Executive Order 11246 and is an Affirmative Action Employer. All interested persons are encouraged to apply. Following are the descriptions of the available positions:

Lecturer (\$1061-\$1290/quarter), Home Economics Department, School of Human Development & Education. Quarter-time position, Summer Quarter only. Duties & responsibilities include teaching in the area of Textiles and Clothing. Candidates should possess a Master's Degree in Home Economics with specialization in Clothing and Textiles. Deadline to apply: May 25, 1976.

Lecturers (\$4244-\$6584/quarter, based on a 15-unit teaching load--salary would vary depending on teaching load), Mechanical Engineering Department, School of Engineering & Technology. During the academic year 1976-77, the Department will have need for part-time lecturers to teach basic mechanical engineering courses. Teaching load may vary from one-quarter time to full time. Doctorate plus current relevant industrial experience required. Applications must be received by August 1, 1976.

Lecturers (\$12,732-\$15,480/year, based on a 15-unit teaching load--salary would vary depending on teaching load), Industrial Engineering Department, School of Engineering & Technology. The Department is seeking candidates for part-time lecturers to teach from time to time during the 1976-77 academic year. Applicants are sought in the areas of classical industrial engineering, work measurement, production, production control, project planning and control, computer aided manufacturing, digital computer usage, operations research, cost estimating, engineering economy, and human factors engineering. Deadline for receipt of applications is June 15, 1976.

Lecturer (\$1083-\$1317/quarter), Natural Resources Management, School of Agriculture & Natural Resources. Duties & responsibilities include teaching a 3-unit course in Recreation Systems and Management. Candidates must possess a B.S. or appropriate professional experience. Candidate should also have held a responsible administrative position in a large public parks organization. Previous teaching experience is preferred. Position for Summer Quarter, 1976 only. Closing date: May 31, 1976.

(continued on page 9)



FACULTY VACANCIES (continued from page 8)

Lecturer (\$1083-\$1317/quarter), Natural Resources Management, School of Agriculture & Natural Resources. Duties & responsibilities include teaching a 3-unit course in Environmental Impact Analysis. Candidates must possess a Master's degree (Doctorate preferred) and experience in the administration of environmental quality programs. Position for Summer Quarter, 1976 only. Closing date: May 31, 1976.

Lecturer (\$1539-\$1872/quarter), Natural Resources Management, School of Agriculture & Natural Resources. Duties & responsibilities include teaching a 3-unit course in Forest Resources. Candidates should have a B.S. in Forestry and additional graduate studies in natural resources management. Position for Summer Quarter, 1976 only. Closing date: May 31, 1976.

Lecturer (\$848-\$1032/quarter), Natural Resources Management, School of Agriculture & Natural Resources. Duties & responsibilities include teaching a 3-unit course in Introduction to Fisheries and Wildlife Management. Candidates should possess at least a B.S. and have at least 4 years of experience in wildlife management with a record of professional development. Position for Summer Quarter, 1976 only. Closing date: May 31, 1976.

Lecturer (\$12,732-\$18,816/year, depending upon education and experience), Engineering Technology, School of Engineering & Technology, Mechanical Technology. Instructing in mechanical design, industrial hydraulics, process control and instrumentation, engine technology and drafting. Should be familiar with manufacturing processes and electrical systems. At least five years industrial design and production experience required. All candidates should have Master's in Engineering and be registered; EIT required. Will teach lecture/laboratory upper division courses in specialty. Student and Sr. Project advising required. Position for 1976-77 academic year. Closing date: June 1, 1976.

Lecturer (\$12,732-\$18,816/year, depending upon education and experience), Engineering Technology, School of Engineering & Technology, Manufacturing Processes Technology. Teaching milling, drilling, sheet metal & lathe. Calibrate, adjust & operate lathe, milling & drilling dynamometers, strip chart recorders, machinability computers, EDM solid state power supplies and N/C controllers. Must have experience in FORTRAN, PDP8 computers, N/C programming & non-traditional machining. All candidates should have Master's in Engineering & be registered; EIT required. Will teach lecture/laboratory upper division courses in specialty. Student and Sr. Project advising required. Position for 1976-77 academic year. Closing date: June 1, 1976.

Lecturer (\$12,732-\$18,816/year, depending upon education and experience), Engineering Technology, School of Engineering & Technology, Welding Technology. Instruction in nondestructive examination, welding power sources, welding metallurgy and codes. At least 5 years of recent industrial welding supervisory and welding engineering experience mandatory. All candidates should have Master's in Engineering and be registered; EIT required. Will teach lecture/laboratory upper division courses in specialty. Student and Sr. Project advising required. Position for 1976-77 academic year. Closing date: June 1, 1976.

Lecturer (\$848-\$1,317/quarter), Political Science Department, School of Business & Social Sciences. Part-time position for Summer Quarter, 1976 only. Teaching experience and Ph.D. preferred. Duties & responsibilities include teaching a 3-unit, upper-division course on petroleum politics. Applications must be received by May 24, 1976.

Assistant (\$1,267-\$1,397/quarter, dependent upon qualifications), Ornamental Horticulture Department, School of Agriculture & Natural Resources. Part-time teaching position for the Summer Quarter, 1976 (June 21-September 2, 1976), to teach 6 equated units. Candidates must have a good knowledge of California floriculture and nursery industries. Applications must be received by May 25, 1976.

Assistant (\$1,056-\$1,164/quarter, dependent upon qualifications), Ornamental Horticulture Department, School of Agriculture & Natural Resources. Part-time teaching position for the Summer Quarter, 1976 (June 21-September 2, 1976), to teach 5 equated units. Candidates must have a good knowledge of tropical plant culture. Applications must be received by May 25, 1976.

Assistant (\$2,534-\$2,794/year), Agricultural Management, School of Agriculture & Natural Resources. Part-time instructor for Calculator Operations for Agriculture. An undergraduate with extremely high grade point average is acceptable for this position. Candidate should have strong background in Agricultural Management courses. Experience in teaching desired. Position is 4/15 time. Deadline to apply: May 31, 1976.



SUPPORT STAFF VACANCIES LISTED

Vacant support staff positions have been announced by Robert M. Negranti (Staff Personnel Officer). Description of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, ext. 2236. Contact the Personnel Office to obtain an application. This university is subject to the requirements of Executive Order 11246 and is an Affirmative Action Employer. All interested persons are encouraged to apply. The positions are:

Supervising Clerk I (\$849-\$1032/month), Admissions, Student Affairs Division. Duties & responsibilities include supervision; office inventory control; assisting in planning work flow and office procedures; compiling reports and other statistical data. Requirements: one year of experience in California state service performing Senior clerical level duties or four years of clerical experience, at least one year of which shall have been in a responsible position performing a variety of difficult clerical work or supervising the work of a small group of clerical employees; high school graduate, and must have taken the General Clerical Test. Closing date: May 20, 1976.

Clerical Assistant II-A (Two positions. Full-time position: \$603-\$734/month; Half-time position: \$301.50-\$367.00/month), Admissions & Records, Student Affairs Division. Duties & responsibilities include working with student records, assisting with registration, preparation of grades, processing applications for admission of students. Requirements: high school graduate, one year of clerical experience, typing 45 wpm, and must have taken the General Clerical Test. Closing date: May 20, 1976.

Clerical Assistant II-B (\$649-\$789/month), English, School of Communicative Arts & Humanities. Duties & responsibilities include taking dictation, typing, filing, operation of various business machines, keeping records, assisting students and other visitors with questions regarding School, answering telephone and other work as required. Requirements: high school graduate, one year of clerical experience, shorthand 90 wpm, typing 45 wpm, and must have taken the General Clerical Test. Closing date: May 20, 1976.

Clerical Assistant II-B (\$649-\$789/month), Health Center, Student Affairs Division. Duties & responsibilities include transcribing medical dictation and correspondence; and handling other clerical work in areas of Health Center as necessary. Requirements: high school graduate, one year of clerical experience, typing 45 wpm and must have taken the General Clerical Test. Applicants with at least two years of experience in medical transcription preferred. Closing date: May 20, 1976.

Senior Secretary (\$829-\$1008/month), Dean's Office, School of Agriculture & Natural Resources. Duties & responsibilities include reception; screening correspondence; composing replies to a variety of communications; maintaining files, records, budget expenditures and summaries; making travel arrangements; coordinating communications with on- and off-campus personnel, scheduling appointments and meetings; taking and transcribing dictation. Requirements: three years of experience in clerical work with at least one year of the experience in a position at the level of Secretary and preferably in an institution of higher learning; must have high school diploma; type 45 wpm, take shorthand at 100 wpm; and must have taken the General Clerical Test. Applicants with public relations background preferred. Closing date: June 3, 1976.

Medical Officer I (Two positions. Full-time, 12 months position: \$2558-\$3095/monthly; Half-time, 10-months position: \$1279.00-\$1547.50/monthly), Health Center, Student Affairs Division. Under the general direction of the Medical Director, performs a variety of medical duties at the campus Health Center. Requirements: possession of valid California License to practice medicine with at least one year of experience in the practice of medicine and public health, providing diagnostic treatment, and counseling services in a college medical program; ability to work effectively with students, administration and faculty. Closing date extended to August 10, 1976.

Departmental Secretary I-B (\$682-\$829/month), School of Architecture & Environmental Design. Duties & responsibilities include opening and distributing mail; answering the telephone; coordinating Supplementary Admissions efforts; scheduling rooms for interviews; communicating with faculty interviewers; implementation and supervision of clerical processes; composing correspondence; taking dictation or working with word processing equipment. Requirements: high school graduate, three years clerical experience, typing 45 wpm, shorthand 90 wpm or word-processing equipment operation; and must have taken the General Clerical Test. Candidates with college and clerical experience free from supervision preferred. Closing date: May 20, 1976.



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May 13, 1976

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PROPOSAL WRITING SEMINAR. A seminar in proposal writing will be offered by the Coordinator, Research Development. This session will be open to all who are interested in learning more about the proposal writing process. This seminar will cover such topics as what the basic sources of funding are, what some of the characteristics of a successful proposal are, how one writes and budgets a proposal, and how a proposal is reviewed internally before it is submitted to a sponsor.

Date and Location: May 26, 1976, Wednesday - 12 noon to 2:00 p.m. - Conference Room, Ag 241.

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NIH - THE NATIONAL INSTITUTE OF DENTAL RESEARCH. The NIH has a continuing interest in nutrition research. The primary objective of the program is to obtain new knowledge which will contribute to a better understanding of the role of poor nutrition as an etiologic factor in oral disease and the role of sound nutrition as a preventive measure. Studies are therefore encouraged in three broad areas: (1) population or epidemiologic studies, (2) laboratory studies using model systems, and (3) human clinical studies. Of specific interest are nutritional factors which affect the development and functional capability of the major structures of the craniofacial complex including predisposing factors which may eventually lead to dysfunction of the teeth, salivary glands, oral mucous membranes and bone.

The deadline for the receipt of grant applications are July 1, November 1, and March 1. Preliminary drafts of the proposal and other inquiries regarding this program may be addressed to either Dr. Paul D. Frazier, Chief, or Drs. Matthew A. Kinnard or Robert J. Schuellein, Scientist Administrators, Soft Tissue Stomatology and Nutrition Program Branch, National Institute of Dental Research, Bethesda, Maryland, 20014, (301) 496-7807.

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US - ISRAEL BINATIONAL SCIENCE FOUNDATION COOPERATIVE RESEARCH PROPOSALS. Proposals for cooperative US-Israel scientific research and related activities to be conducted principally in Israel are being sought for the US-Israel Binational Science Foundation (BSF). Financed with Israeli currency and involving scientists and institutions of the US and Israel, activities must be of mutual interest to the two countries and concerned with science and technology for peaceful purposes in areas of agriculture, natural and health sciences, science services, and technologies. Deadline: July 1, 1976. For further information call Dr. Ronkin, Division of International Programs, (202) 632-5796. A copy of the Annual Report for 1974 on this program is available for review in Administration 317.

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NSF SPECIAL FOREIGN CURRENCY PROGRAM. The primary objectives of the SFC Program are (1) to encourage the formation of enduring cooperative relationships between U.S. and foreign scientists and institutions, and (2) to strengthen U.S. science and science education. As of January 1975, the participating countries were Burma, Egypt, Guinea, India, Pakistan, Poland, and Tunisia. This list is subject to change.

For further information contact the Research Development Office (2982) or write to: Office of International Programs, National Science Foundation, Washington, DC, 20550.

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RESEARCH DEVELOPMENT • ADMINISTRATION 317 • TELEPHONE 546-2982  
CALIFORNIA POLYTECHNIC STATE UNIVERSITY • SAN LUIS OBISPO, CALIFORNIA 93407



HUD. The 1977 budget request for HUD reflects an increased interest in the Administration's commitment to research. Most of the research activities for HUD are lodged under the Deputy Assistant Secretary for Research and Demonstration. This office is placed under the Assistant Secretary for Policy, Development, and Research, Charles Orlebe. The Research and Demonstration activities are headed by Claude Barfield, (202) 755-5561. The following Divisions report to Barfield, Deputy Assistant Secretary for Research and Demonstration:

I. Division of Community Development & Management Research/ALLAN SEGAL

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|  | 755-6970 |
| A. Environment & Land Use/GEORGE WINDSOR                   | 755-0269 |
| B. Community Growth & Economic Development/PHIL FRIEDLY    | 755-6437 |
| C. Community Management & Productivity/MRS. H. FITTS       | 755-6970 |
| D. Local Government Administration/EARL LINDVEIT           | 755-6231 |
| E. Neighborhood Preservation & Revitalization/RAY ROBINSON | 755-6437 |

II. Division of Energy, Building Technology & Standards/JOSEPH SHERMAN

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|   | 755-5574 |
| A. Building Technology/DENNIS WARNER                  | 755-5060 |
| B. Solar, Heating & Cooling Demonstration/DAVID MOORE | 755-5060 |
| C. Mobile Homes/JAMES MC COLLOM                       | 755-5574 |
| D. Fire and Safety/WILLIAM WARNER                     | 755-5064 |
| E. Experimental Housing/ORVILLE LEE                   | 755-5064 |
| F. Energy Conservation/DAVID ROSOFF                   | 755-5574 |

III. Division of Housing Research/JERRY FITTS

755-5530

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|--|----------|
| A. Lead-based Paint Poisoning Prevention           | 426-1520 |
| B. Community Design Research                       | 755-7335 |
| C. Basic Homes Research Staff                      | 755-1520 |
| D. Equal Opportunity & Special User Needs Research | 755-6450 |
| E. Innovative Financing Research                   | 755-5900 |

Most of the research performed has been through the mechanism of RFP's. There has been some unsolicited work funded; however, it must be precisely "on target." Most program funds are slated for RFP's, so unsolicited proposals must be prepared early in the fiscal year. This summer will be the time to contact program officers with preproposals for next fiscal year, starting October 1, 1976.

HUD publishes an excellent summary of their research priorities, entitled "Fiscal Year 1977 Research and Technology Program." This can be requested directly from the Office of Policy Development and Research, HUD, Washington, DC, 20410.

Special notes: The Building Technology Office would be interested in applied research in the following areas: fire research relating to building practices; research on structure of mobile homes related to wind, fire and electricity. The latter field is very important as there is now a lack of researchers in this area. Also, research on alternatives to septic systems is needed.

In the area of State and local government, the research has been handled by contracts to associations and "public interest groups."

An important and growing area of responsibility for HUD is the Residential Solar Heating and Cooling Program which HUD carries out in cooperation with ERDA. In January 1976, HUD announced awards under a first cycle of grants to test applications of solar energy for residential heating and cooling. A second competition will be announced this spring or summer, and three more cycles will be held thereafter.