



Volume 26, Number 12

October 29, 1974

## 74 HOMECOMING 74

### Concert..

"Poly Graffiti" will be the theme carried out at the Homecoming Concert at Cal Poly with the appearance of Flash Cadillac and the Continental Kids and guest star Wolfman Jack on Friday (Nov. 1). The concert, sponsored by the Homecoming Committee of Cal Poly's Associated Students, Inc., will be held in the gymnasium of the Physical Education Building at 8 pm. Ticket prices are \$4.50 reserved and \$3.50 general for students, and \$5.50 reserved and \$4.50 general for the public. They are available at the information desk in the University Union.

Flash Cadillac and the Continental Kids are noted for their interpretation of the rock and roll music of the 50's. In their nostalgic dress of the period, they do splits, flip their bodies and instruments, and leap on each other's shoulders. They made their film debut in American Graffiti, in which they performed the movie's only original music. They have released their first album--Flash Cadillac and the Continental Kids--for Epic Records.

Wolfman Jack, the nickname of Robert W. Smith, is best known for his howling and

(Continued on page 2)

### Parade..

Seven bands will provide the marching music for the 1974 Cal Poly Homecoming Parade along Higuera St. in San Luis Obispo beginning at 11 am on Saturday (Nov. 2). The parade, which heralds the start of Homecoming activities at Cal Poly, will carry out the theme of "Poly Graffiti--The Years of Rock and Roll." Wayne Kendrick of Walnut Creek, student chairman for the 1974 Homecoming, said six high school bands from as far away as Hanford will join Cal Poly's 130-member "Pride of the Pacific" Band for the parade.

Nine floats entered by student clubs at Cal Poly, novel entries, and mounted and marching units, will also be among the 32 entries in the parade. On Friday evening (Nov. 1) distinguished alumni representing Cal Poly's seven instructional schools, plus the designee of the alumni association president, will be honored at a dinner in the Golden Tee Resort Lodge in Morro Bay. Saturday's activities will also include a Homecoming barbecue in Cuesta Park from 1 to 4 pm, followed by the 7:30 pm football game between Cal Poly and the University of

(Continued on page 2)

#### HOMECOMING SCHEDULE OF EVENTS

##### **FRIDAY, NOVEMBER 1**

- 5:30 pm - Distinguished Alumni Banquet, Golden Tee Resort Lodge, Morro Bay; invitational.
- 8 pm - Concert, Gymnasium of the Physical Education Building; Flash Cadillac and the Continental Kids, with special guest star, Wolfman Jack; tickets - students, \$4.50 reserved, \$3.50 general admission; all others, \$5.50 reserved, \$4.50 general admission.

##### **SATURDAY, NOVEMBER 2**

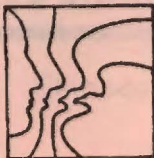
- 11 am - Parade, Higuera Street, San Luis Obispo.
- 4 pm - Homecoming Barbecue, Cuesta Park; students, faculty, staff, and alumni especially invited; tickets - \$3.50, available at University Union, in advance, or at park.
- 7:30 pm - Football, Mustang Stadium; Cal Poly vs. University of Nevada, Reno.
- ft. the game - "Big Band" Dance, Chumash Auditorium; students, faculty, staff, and alumni invited; tickets - \$1 per person.
- ft. the game - Former Intercollegiate Athletes Reunion, Monday Club, 1815 Monterey.

##### **SPECIAL HOMECOMING EVENTS**

- Wednesday, Oct. 29 - 11 am - Telephone Booth Stuffing Contest, University Union Plaza.
- Thursday, Oct. 31 - 11 am - Trans Am Tri Cycle Race, University Union Plaza.



BARNES WILL SPEAK ON ATTITUDES TO WOMEN



"Witches and Bitches: Puritan Attitudes Toward Women" will be the topic when Timothy M. Barnes (History) addresses a campus audience. Dr. Barnes' talk, which is being presented by the School of Communicative Arts and Humanities, will be given at 11 am on Thursday (Oct. 31) in Room 220 of the University Union. Admission will be free and the public is invited to attend.

Dr. Barnes will explain how puritanistic beginnings in America have shaped attitudes toward women and the reasons why some people may question the abilities of women in business, politics and other areas. The talk will be the third of twelve programs scheduled as part of the "Arts and Humanities 1974-75" series. Now in its fourth year, the series has offered a broad range of programs including music, painting demonstration, and lectures on various subjects.

SALARY INCREASE PAYMENT AGAIN DELAYED

A memorandum has been received from the Chancellor's Office, The California State University and Colleges, as follows:

"The Emergency Court of Appeals in Washington, D.C., today granted a temporary order prohibiting the payment of the one-time payment authorized by AB-4428 (Z'berg) referred to in FSA 74-81 and Supplement Nos. 1 and 2. The Court, in so doing, made clear that its order was not a decision invalidating AB-4428, but was only a temporary restraining order.

"In another action, the Court agreed to consider whether or not it wishes to rehear U.S. vs. California decided in September, in which it had approved payment of all salary increases withheld by the Cost of Living Council. If the Court refuses to reconsider that decision, something we should know around the end of the month, payment can still be made in spite of the restraining order affecting AB-4428.

"We will advise you if there are further changes in the status of this payment."

"POLY GRAFFITI" CONCERT . . . (Continued from page 1)

screeching on his nationally recognized radio show. He has been heard across the country on over 1,400 radio stations and another 420 overseas. The 35-year-old entertainer starred as himself in the movie, American Graffiti, and is the regularly featured guest on NBC's rock show, "Midnight Special."

HOMECOMING EVENTS . . . (Continued from page 1)

Nevada at Reno in Mustang Stadium. Wayne Kendrick invites the faculty and staff to join alumni and students at the barbecue.

A "big band" dance for students, faculty, staff, and alumni of the university will be held in Chumash Auditorium following the game, and former intercollegiate athletes of Cal Poly will hold a reunion in the Monday Club at 1815 Monterey St. also following the game. Oldtimers, alumni who attended Cal Poly prior to 1940, will gather for a breakfast in Vista Grande on campus at 8:30 am on Sunday (Nov. 3).



### HOMECOMING QUEEN ELECTED



Sharon Ketchum, a 20-year-old student from San Jose, will serve as queen of Homecoming, 1974, at Cal Poly. Miss Ketchum, a junior computer science major, represented the Music Club in the Homecoming Queen Pageant held in the Cal Poly Theatre on Thursday night (Oct. 24). She will reign over the Homecoming activities beginning with a telephone booth stuffing contest on Tuesday (Oct. 29) and ending with an Oldtimers Breakfast on Sunday (Nov. 3).

"I didn't think I had a chance after meeting with the judges prior to the pageant," said Miss Ketchum. "My friends talked me into entering the contest. The only other pageant I have entered was the local Jr. Miss Pageant in high school." The recipient of the Scholastic Achievement Award in that contest, the new queen keeps herself busy by managing the Women's Glee Club. She is also a member of the Bowling Club and was a WOW counselor in 1973. The Cal Poly Homecoming queen stands 5-feet-6-inches, is blue-eyed and has brown hair. She will be a special guest at the Distinguished Alumni Banquet at the Homecoming Concert in the gymnasium of the Physical Education Building later that evening.

The queen's court includes Melisa Knowles, 21, of Visalia, a dietetics and food administration major sponsored by the Dietetics Club; Leslie Nell, 20, of Santa Maria, a computer science major sponsored by the Association for Computing Machinery; Debbie Nichols, 20, of Riverdale, an agriculture business management major, sponsored by Alpha Gamma Rho and the Agricultural Business Management Club; and Bonnie Spencer, 19, of Santa Rosa, an ornamental horticulture major, sponsored by the Ornamental Horticulture Club. The queen was selected by the representatives of the sponsoring clubs and the Homecoming Committee, and the five finalists were chosen by a panel of judges.

### ENCYCLOPEDIA BRITANICA CALLS ON POLY TALENT

Charles R. Russell (Mechanical Engineering) is the author of a section on energy sources which is featured in the newly-published 15th edition of the Encyclopedia Britannica. Dr. Russell, who wrote the section titled "Energy Sources," said it gives the reader an overall look at what energy is about. It discusses man's primitive beginning in the discovery and use of energy, starting with the burning of wood and continuing through to the technical advances of nuclear power and solar energy.

Dr. Russell became associate dean of the School of Engineering and Technology in 1968 and served in that position until 1972. His wide range of experience includes development and engineering work for General Motors Corporation, the U.S. Atomic Energy Commission, the Navy Bureau of Ordinance, Proctor and Gamble, and Dow Chemical Company. He is a registered engineer in California, Michigan, Virginia, and the District of Columbia. Dr. Russell is a graduate of Washington State University, California Institute of Technology, and University of Wisconsin where he earned his Doctor of Philosophy Degree.



TWO SPECIAL DINNERS PLANNED AT VISTA GRANDE



A Halloween "Black Cat Dinner Special" will be offered at Vista Grande Restaurant on Thursday (Oct. 31). The special Halloween Dinner will feature top sirloin steak served with hot spiced apple cider, relish tray with assorted crackers, mixed green salad with choice of dressing, baked potato with sour cream and chives, individual loaf of Cal Poly french bread with butter, pumpkin pie and beverage (coffee, tea or iced tea). The "Black Cat Special" will be served between 4 pm and 9 pm and will cost \$4.50.

A special Homecoming dinner will be served on Saturday (Nov. 2). The special dinner will feature roast top round of choice beef served with shrimp cocktail, relish tray with assorted crackers, mixed green salad with choice of dressing, baked potato with sour cream and chives, individual loaf of Cal Poly french bread with butter, and beverage (coffee, tea or iced tea). The Homecoming dinner will be served between 4 pm and 9 pm and will cost \$3.95.

ROCK CONCERT PHOTOGRAPHY EXHIBIT AT EL CORRAL

John T. Flanagan, a senior majoring in Natural Resources Management, will be displaying photographs taken during various rock concerts he has attended in the past three years. The exhibit is being held in the Mini Art Gallery of El Corral Bookstore and will continue through November 8th.

DUPLICATING EQUIPMENT AVAILABLE ON CAMPUS DESCRIBED

Metered Xerox machines are in the following locations on campus for general use. All machines accept paper up to 8 1/2" x 13 1/2" in size, additional features are listed.

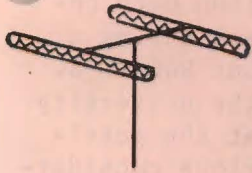
Administration 129 .....	Model 7000 .....	Reduction capability
Administration 401 .....	Model 2400	
Tenaya 137 .....	Model 4000 .....	Two sided copying
Hillcrest .....	Model 660-I	
Receiving Warehouse .....	Model 660-I	
Math & Home Ec 153 .....	Model 914	
Agriculture 202 .....	Model 2400	
BA&E 116 .....	Model 2400	
Computer Science 102 .....	Model 3600	
Engineering West 107 .....	Model 4000 .....	Two sided copying
Library Lobby .....	Model 4000 .....	Two sided copying
Science D-2 .....	Model 4000 .....	Two sided copying

Cost per Xerox copy is four and one-half cents.

Offset duplicating is available in Admin. 129. Small jobs can usually be done on a "while you wait" basis. Offset duplicating should be used in lieu of Xerox reproduction when more than 15 copies are needed. This is the break-even point in cost between the two processes. A spirit duplicator, located in Admin. 129, is available for general use. There is no provision for general use of equipment to copy oversize paper or drawings. Departments having a constant need for such reproduction equipment purchase it for departmental use.



### KCPR AGAIN RAISES POWER



After several months of technical difficulties, KCPR-FM, 91.3 mHz, the Cal Poly radio station, has returned to broadcasting at 2,000 watts. Engineering problems forced the station to return to its former ten watts at the end of spring quarter, 1974. KCPR achieved the 2,000 watt power increase on May 29, after coming a long way from its initial beginnings in 1968 as a tiny 1.8 watt station that barely reached the edge of the campus. With the increase the station now covers the area between Santa Maria and Cambria.

KCPR is a non-commercial public service radio station whose programming ranges from public affairs programs to classical music to progressive rock. The station features a jazz and an oldies show on the weekend with a spot reserved for country music on Tuesday nights. Pacific Concert, the stations classical program is aired from three until six on weekday afternoons with a special evening concert on Monday night. KCPR welcomes suggestions from listeners. Any request or suggestion may be left at the station in Graphic Arts 201 or can be called in to 544-4640.

### ARCHITECTURE BUILDING BIDS OPENED

The E. A. Hathaway Company of San Jose was the apparent low bidder when proposals for construction of an architectural classroom building were opened on Thursday (Oct. 24). The Hathaway Company bid, at \$4,303,000, was the lowest of five submitted for the project. Others were entered by Oberg Construction Corporation of Simi at \$4,349,000; Viola Inc., Oxnard, \$4,389,000; Peter Kiewit Sons' Company, Arcadia, \$4,520,000; and Williams and Burroughs, Inc., Belmont, \$4,547,000. Estimated cost of the 70,000 square-foot building by the project architect, Will Shaw and Associates of Monterey, was \$4,092,000.

The new architecture classroom building will include lecture rooms, laboratories, a larger lecture hall, faculty offices, and other supporting facilities for the School of Architecture and Environmental Design, which has been using cramped quarters for the past ten years. With more than 1,400 students and a faculty of 84, the school has been listed as an impacted or limited enrollment program for the past five years and has annually attracted far more applicants than could be accommodated.

Bids for construction of the new architecture classroom building were first opened in November of last year and were rejected after it was learned that they exceeded the estimated cost for the project by about 14 percent. Plans were then revised and bids were called again and opened on Thursday. E. Douglas Gerard (Executive Dean) said the decision on award of a contract for construction of the new architecture classroom building will be made by the Physical Planning and Development Office of the California State University and Colleges after bid analysis has been completed. Pending award of a contract for the project, work could begin as early as January, 1975 and be completed during the fall of 1976.

### OCTOBER PAY WARRANTS AVAILABLE ON WEDNESDAY

October pay warrants for faculty and staff of the university will be available at 4 pm on Wednesday (Oct. 30), the last day of the pay period. Warrants batched by department may be picked up at the Cashier's Office, Adm. 131-E, and those picked up on an individual basis may be picked up in the Business Affairs Division Office, Adm. 114, after that time.



## HOUSING PROBLEMS STUDIED



Cal Poly's student housing problems received considerable attention both on- and off campus last week. Initial interest came early in the week during a meeting between Congressman Burt L. Talcott (R-Salinas), President Robert E. Kennedy, and ASI President Scott Plotkin, and other members of the university administrative staff. That was followed by the announcement that the possibility of a mobile home park on university land is receiving serious consideration as a means of relieving the shortage of housing for married students.

During the meeting with Congressman Talcott, Kennedy asked for help in getting \$100 million in impounded federal housing and urban development funds released to the university or to private developers to finance additional student housing. The president pointed out that "talking about future legislation at this time is too late, we've got a serious problem right now." He acknowledged that federal support for student housing has waned, but pointed out that Cal Poly has an unusual enrollment situation.

The impounded \$100 million HUD revolving fund was revealed to President Kennedy by John P. Mallan, director of governmental relations for the American Association of State Colleges and Universities, of which Dr. Kennedy is a director. Dr. Mallan told the president the federal administration had cancelled the college provisions of the housing and urban development program and that the impounded funds might be available.

A further contact from Congressman Talcott later in the week indicated however that President Ford's plans for the impounded monies would likely receive Congressional approval and that the possibility of their being available for construction of student housing did not appear to be favorable.

Announcement of the mobile home park proposal came later in the week from Alfred W. Amaral (Executive Director, Foundation), who said the Cal Poly Foundation's board of directors had set aside \$5,000 to meet preliminary planning costs for the proposal. He said the allocation would pay for topographical studies and development of schematic drawings for a development on university property. Pacific Engineers and Surveyors, a San Luis Obispo-based engineering firm, has already begun studying a site near the new Highland Dr. entrance road from Highway 1. Several other campus locations are also being studied. In discussing the scope of the project, Amaral said preliminary information indicates that a mobile home park of about 100 single-wide units, including both one- and two- bedroom homes, could be accommodated on the 10-acre site. Projected cost of the development would be about \$1 million.

President Kennedy said he looks on the mobile home park proposal as a short-range solution to the longer-term problem of finding adequate housing for both single and married students among the university's student body. "We are turning every stone in our search for federal or state financing for a more traditional apartment development for married students that is being proposed for a site on university-owned property at the corner of Grand Ave. and Slack St.," he continued. He estimated that the proposed mobile home park could be ready for occupancy in September of next year and that completion of the proposed apartment complex will take from 2 to 3 years.

## HOMECOMING SPECIAL HOURS-EL CORRAL BOOKSTORE

Mary Lee Green (Manager, El Corral) announced that the El Corral Bookstore will be open Saturday (Nov. 2) from 10 am to 3 pm as a special service during Homecoming.



STUDENT HEALTH CENTER DEDICATION PLANNED

The north entry to the Student Health Center will be the location of a dedication ceremony for the new annex for the building. Being planned for 11 am on Thursday, Nov. 7, the program will include brief talks by President Robert E. Kennedy, ASI President Scott Plotkin, and Billy Mounts, who is director of health services, and Pam Fischer, chairman of the Student Health Council. It will be followed by guided tours of the new facilities.

With a total area of nearly 19,000 square feet, the health center addition has been combined with the original health center building, which was completed in 1959, to provide examination consultation suites for 11 physicians, a new laboratory, an X-ray center, physical therapy room, a conference room/library, an administrative and records area, and a 20-bed infirmary. The floorspace now totals 31,350 square feet.

The new section of the building was designed by Robert E. Alexander and Associates, Los Angeles, and constructed at a cost of \$989,000 by Don Greene Contractor, Inc., of Santa Barbara. The project was paid for with non-tax monies derived from the \$2 quarterly facilities fee paid by students, with the assistance of an interest subsidy grant from the U.S. Department of Housing and Urban Development.

Dr. Mounts said the newly-enlarged Health Center is expected to meet the university's master planned enrollment of 15,000 full time equivalent students. "We look on our new facilities as an opportunity to further expand the level of health services available to members of the Cal Poly student body." Plotkin pointed out that the university has long been looked at as a leader among the California State University and Colleges campuses in terms of the medical and health services available to its students. "These new facilities and the medical expertise offered by the Health Center staff should assure Cal Poly students of a continuation of the best health services available in the system," he added.

Dr. Mounts said the entire campus community is invited to attend the brief dedication ceremony and take part in the tours that will follow.

"MOLECULAR EXPRESSIONISM" EXHIBIT CONTINUES

"Molecular Expressionism," the art form created by Delbert Venerable (Chemistry) is on display in the Galerie (Room 221) of the University Union. The free show of work by Dr. Venerable, which opened on Monday (Oct. 21) and will continue through Friday (Nov. 1) reveals the multi-dimensionality and structure of the universe at a molecular level, according to a spokesman for the Fine Arts Committee of Cal Poly's Associated Students Inc., which is sponsoring the exhibit.

To date, Dr. Venerable has rendered more than 150 molecular paintings, many of them commissioned by or for noted professor-scientists throughout the country. Although he has painted extensively since the age of four, his first molecular expression was not rendered until he was a student in freshman chemistry at the University of California at Los Angeles. Dr. Venerable, who was honored last year by an invitation from Cal Poly's School of Communicative Arts and Humanities to discuss the nature of his own art in the Leonardo da Vinci series, has also gained a reputation as a science education innovator since joining the university's chemistry faculty two years ago.

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Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Friday (Nov. 1) in the Public Affairs Office, Adm. 210. Copy intended for Cal Poly Dateline is due in the Public Affairs Office by 12 noon on Tuesday (Oct. 29).



DALE BURTNER WILL ADDRESS UPC MEETING

James L. Fitts (History) president of the Cal Poly chapter of the United Professors of California has announced that Dale Burtner, president of the United Professors of California will be the guest speaker of a general meeting on Wednesday, (Oct. 30) in Chumash Auditorium, at 12 noon. Dr. Burtner will speak on "California State University and Colleges Faculty and Collective Bargaining." Dr. Burtner is a professor of chemistry from California State University, Fresno, and has long been interested in politics, particularly in the British Labor Party. Before becoming President of UPC, he was the Political Action Committee chairman. He has also served as legislative analyst and led the UPC delegation to the national American Federation of Teachers Convention last summer. Cal Poly's faculty and staff are invited to hear Dr. Burtner's address.

FLU IMMUNIZATION ADVICE ISSUED

The State Department of Public Health recommends that flu shots: "should be received by those over 65 years of age as well as those with chronic and possibly debilitating disorders, such as chronic respiratory diseases, diabetes and heart disease". Questions pertaining to such candidates for the shots should be directed to one's private physician or the County Health Department, telephone 543-1200.

CANDIDATES FOR FACULTY POSITIONS BEING SOUGHT

Candidates for positions on the faculty of the university are presently being sought, according to Donald L. Shelton (Director of Personnel Relations). Those interested in learning more about the positions are invited to contact the appropriate dean or department head. Cal Poly is an Affirmative Action Employer. Following is a description of the available positions:

Lecturer, Range A (\$3,592-\$4,816/Winter Quarter only), Home Economics Department, School of Human Development and Education. Duties and responsibilities include full-time teaching in foods area of home economics. Candidates should possess the doctors degree in foods with a background in dietetics and public health. Minority group members are encouraged to apply. Position available: Leave replacement for Winter Quarter 1975 only.

Lecturer (\$3,592-\$4,816/quarter), Physics Department, School of Science and Mathematics. Duties and responsibilities include the full time teaching of lecture and laboratory classes in general physics. Minority group members and women are encouraged to apply.

Lecturer (\$3,592-\$4,816/quarter), Physics Department, School of Science and Mathematics. Duties and responsibilities include full time teaching of lecture and laboratory classes in general physics. Minority group members and women are encouraged to apply.

Assistant Instructor (\$473-\$652/quarter), Mathematics Department, School of Science and Mathematics. Duties and responsibilities include teaching one lower division course in mathematics. Candidates must possess a degree in mathematics. Concurrent enrollment in the department's graduate program required. Minorities and women are encouraged to apply. Part-time positions available: Winter and Spring quarters, 1975.

Lecturer (Salary dependent on assignment and experience). Mathematics Department, School of Science and Mathematics. Duties and responsibilities include teaching undergraduate courses in mathematics including some night classes. Applicants must possess at least a Master's Degree in Mathematics. Minority group members and women are encouraged to apply. Part-time positions available: Winter and Spring quarters, 1975.

OFF-CAMPUS POSITION VACANCIES

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

Oregon State University - Dean of the School of Education (no salary listed). Expected to provide leadership and recognize the value of appropriate faculty and student participation in administrative, academic, and professional areas.



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

Victor A. Buccola (Men's Physical Education) is co-author of an article titled, "A Cycling Program for Senior Citizens," published in the Sept. issue of the Journal of Health, Physical Education and Recreation.

John Y. Hsu (Computer Science and Statistics) co-authored with one of his students, Glen Karcher, a paper titled, "The Cross Assembler Implemented on IBM 360 for Variably Defined Microcodes." The paper, based on the result of Glen's senior project, was presented to the 7th microprogramming workshop held in Palo Alto, Sept. 29-Oct. 2.

James M. Quinn (Men's Physical Education) recently attended the U.S.G.F. World Game team trials. Quinn is in the process of comparing biomechanical data taken from film with kinesthetic inputs as reported by competing athletes for research purposes.

Keith E. Nielsen (Speech Communication) participated as a staff consultant in an Agency for International Development Communication Seminar in Battle Creek, Mich. on Aug. 25-30. Participants from 30 developing countries explored means of more effective communication techniques in inter-cultural environments.

Malcolm W. Wilson and Margaret J. Glaser (both Education) addressed the San Benito County Chapter of the International Reading Association on Oct. 16. Their joint presentation was entitled, "Language Facility and Reading Comprehension."

Walter E. Elliott (Physics) serves as editor and physics consultant for a new career oriented pre-technical physics curriculum that is presently being field tested in Texas schools and universities. The curriculum consists of a set of mini-courses from which students tailor their physics studies to their personal interests, needs, and abilities. He plans to discuss the results of the field tests with interested groups and classes.

Krishnakumar (Kris) S. Morey (Home Economics) was employed as a research fellow this summer at the Fels Research Institute, Temple University School of Medicine in Philadelphia. Morey's research involved studying the metabolism of certain chemical carcinogens in rat liver, and some of his research data has been published in Biochemical and Biophysical Research Communications, Vol. 60, 1974.

Max E. Riedlsperger (History) has had a review of the book, Austria and the Austrians, by Stella Musulin, published in the current issue of the East European Quarterly, Vol. VIII, No. 2.

Randy Donant (Program Counselor, Activities Planning Center) has been appointed to a three-year term as professional development coordinator for the Far Western Region (Region XV) of the Association of College Unions--International.

Kempton L. Huehn (Mathematics) has received notification from the Colorado School of Mines that he has met all the requirements for the Doctor of Philosophy degree in mathematics. Dr. Huehn has been a member of the Mathematics Department faculty since 1968.

Laurence F. Talbott (Industrial Technology) was a speaker at the semi-annual Plant Engineering Conference held at the IBM plant at Manassas, Va. on Oct. 16. The subject of Talbott's presentation was "Plant Engineering in Today's Environment--'A Profession in Itself.'" After the formal presentation, he addressed the professional engineers and designers on "Plant Engineering Curriculum and Current Status on Campus," during which last summer's Plant Engineering Workshop held at Cal Poly was reviewed and discussed.

(continued on page 10)



WHO...WHAT...WHEN...WHERE??? (continued from page 9)

George C. Beatie (Music) was recently elected president of the Channel Section (including Santa Barbara, Ventura, and San Luis Obispo Counties) of the California Music Educators Association. The objective of CMEA is for the advancement of music education through mutual cooperation and the promotion of appropriate projects and activities.

William V. Johnson (Music) was an adjudicator at the California State University, Sacramento, Festival of Marching Bands on Oct. 19. He also participated as a clinician for a California Music Educators Association workshop on marching band techniques held in Sacramento on Oct. 19.

Ronald V. Ratcliffe (Music) has received acknowledgement of publication of a textbook he wrote for the British Open University during his sabbatical leave. The title of the text, designed as a third-level course, is From Classical to Romantic Keyboard Music: The Development of the Piano.

SUPPORT STAFF VACANCIES LISTED

Vacant support staff positions have been announced by S. Milton Piuma (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 ap-

Clerical Assistant II-B (\$603-\$734), Placement Office, Student Affairs Division. Duties and responsibilities include performing general office clerical operational tasks; processing of student confidential files and employment applications; meticulous and complete record keeping of personnel files; assisting in editing and publishing periodic employment notices, lists, etc.; meets students, faculty, staff and employers on a continuous basis. Requirements: High school graduate with one year of office experience, General Clerical Test administered to all clerical applicants, type 45 wpm, take dictation 90 wpm. Closing date: November 5, 1974.

Clerical Assistant II-B (\$603-\$734), School of Architecture and Environmental Design. Duties and responsibilities include taking dictation; typing; filing; operating of various office machines; working with student and alumni records; assisting parents, future students and visitors with general information regarding curricula and operations of the School of Architecture and Environmental Design. Requirements: High school graduate with one year of office experience, General Clerical Test administered to all clerical applicants, type 45 wpm, take dictation 90 wpm. Closing date: November 5, 1974.

Clerical Assistant II-A (\$561-\$682), Graphic Communications Department, School of Communicative Arts and Humanities. Duties and responsibilities include typing office correspondence, faculty exams and class handouts; State and Foundation payrolls; assisting in answering telephones; receiving visitors, and answering routine student inquiries; filing; filling in when department secretary is absent. Requirements: High school graduate with one year of office experience, General Clerical Test administered to all clerical applicants, type 45 wpm. Closing date: November 12, 1974 (Position available after February 1, 1975).

Placement Interviewer (\$381.50-\$463.50), Half-Time, Placement Office, Student Affairs Division. Duties and responsibilities include working in direct support to the total Placement Office staff in areas of part-time placement, teacher placement and career placement; interviewing candidates; supervising clerical staff, student assistants and graduate assistants in related paper work; meeting with employer representatives, students and faculty on a continuous basis; knowledge of the office in order to speak at university and community group meetings. Requirements: High school graduate (bachelor's degree preferred), one year of experience in occupational placement, personnel, vocational counseling, or related work. Closing date: November 5, 1974.

Evaluations Technician I (\$809-\$983), Temporary Help, Education Department, School of Human Development and Education. Duties and responsibilities include reviewing, analyzing, evaluating, and processing of applications to the Commission for Teacher Preparation and Licensing submitted for the award of public school teaching credentials; assisting and informing students, members of the faculty, faculty committees, and other interested parties on teaching credential requirements. Requirements: Equivalent to graduation from college. Two years of experience in evaluating the academic qualifications of candidates for college degrees and public school service credentials. Closing date: November 5, 1974.

Placement Supervisor I (\$892-\$1084), PROMOTIONAL ONLY, Placement Office, Student Affairs Division. Duties and responsibilities include working in a supervisory capacity in the areas of teacher placement and career placement; interviewing candidates in peak periods; supervising placement interviewers and clerical staff in detailed paper work connected with these functions; meeting students, faculty and staff and visiting employer representatives on a continuous basis; speaking to university and community groups. Requirements: Bachelor's degree and two years of experience as a Placement Interviewer, or its equivalent in a California state college. Closing date: November 5, 1974.

Departmental Secretary I-B (\$634-\$770), Soil Science Department, School of Agriculture and Natural Resources. Duties and responsibilities include departmental editing and typing; taking dictation and transcribing of correspondence; duplicating exams, course outlines and other educational materials; maintaining records and files; ordering supplies and equipment; distributing mail; receptionist duties; assisting students and visitors to the University. Requirements: High school graduate with three years of office experience, General Clerical Test administered to all clerical applicants, type 45 wpm, and take dictation 90 wpm. Closing date: November 12, 1974 (position available after December 31, 1974).



# encouraging notes

October 29, 1974

Technology Assessment Studies. The National Science Foundation has set three closing dates in November and December in response to program solicitation NSF 74-34, "Technology Assessments in Selected Areas." Approximately \$1.5 million has been reserved for two levels of awards; the first for in-depth comprehensive technology assessments involving up to approximately 60 person-months of professional effort in not more than 18 calendar months, and the second for a group of preliminary comprehensive technology assessments involving up to 18 person-months of professional effort over periods of about twelve months. Proposals may be submitted in the following selected technology areas: (1) Environmental Control Technologies--Controlled Environment Agriculture, Hail Suppression, Risk to Structures from Natural Hazards; (2) Social Technologies--Life Extending Technologies, Human Rehabilitation Techniques; (3) Transportation and Communications Technologies--Large Air Transport Technologies, Telecommunications-Transportation Interactions, Scientific and Technical Information; (4) Methodology--Retrospective Technology Assessments.

Receipt deadlines for submission of proposals:

November 15, 1974, for Large Air Transport Technology, Telecommunications-Interactions, Scientific and Technical Information, and Retrospective Technology Assessments.

November 29, 1974, for Hail Suppression and Risks to Structures from Natural Hazards.

December 6, 1974, for Controlled Environment Agriculture, Life Extending Technologies, and Human Rehabilitation Techniques.

Ask to see NSF 74-34 or contact Office of Exploratory Research and Problem Assessment, Division of Research Applied to National Needs, National Science Foundation, Washington, DC, 20550.

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Graduate Fellowship Program. December 2 is the deadline for Graduate Fellowships for full-time study leading to the master's or doctor's degree in science, including the social sciences, mathematics, or engineering. The fellowship stipend is \$3600 for a twelve-month tenure, or \$300 per month. No dependency allowance is provided. Graduate fellowships are awarded for a three-year period, dependent on the student's satisfactory progress and availability of funds. It is anticipated that 500 fellowships will be awarded. For application forms contact: Fellowships Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC, 20418.

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N.A.T.O. Senior Fellowships. The National Science Foundation has set a receipt date of November 20 for applications for 1974-75 NATO Senior Fellowships in Science. The fellowships enable senior faculty to study new scientific techniques and developments abroad. Awardees receive subsistence and travel allowance. Fellowship tenure is normally one to three months. Awards are made in all fields of science, mathematics, engineering, history and philosophy of science, and interdisciplinary science fields.



N.A.T.O. Senior Fellowships (Cont.) Approximate award date for November applications is February 15, 1975. A second receipt deadline for this program is March 1, 1975, with awards due May 15. Ask to see NSF 75-14 or contact: Fellowships and Training Section, Division of Higher Education in Science, National Science Foundation, Washington, DC, 20550. (202) 282-7595

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Engineering Research Initiation Applications. The National Science Foundation has set a receipt deadline of December 2 for applications to its 1975 program of Engineering Research Initiation Grants. The program is designed to encourage the development of graduate research programs by engineering faculty members at the assistant or associate professor levels who have had no previous substantial research support. Applicants must have received the doctoral degree in 1973 or 1974, or have completed all degree requirements by October 1, 1974. The program offers special research engineering opportunities in key societal areas such as energy, environment, food, natural hazards, natural resources, and productivity; however, proposals in any area of engineering may be submitted. Copies of NSF 74-32 will be available in Adm. 317 shortly or may be obtained from: Engineering Research Initiation Program, National Science Foundation, Washington, DC, 20550. (202) 632-5881

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Dissemination and Use of S & T Information. National Science Foundation's guide 74-38 describes the program "Improved Dissemination and Use of Scientific and Technical Information" and has a deadline of December 15, 1974. The purpose of the program is to support experiments and other research leading to more efficient dissemination and more effective use of scientific and technical information. The problems addressed may be technical, managerial, organizational, or marketing issues and may concern either information services or users. Proposals are solicited in nine subject areas: 1) Improvements in the management and use of scientific and technical information in industrial settings; 2) Innovations and improvements in science communications systems and services; 3) Tests and analyses of marketing strategies and techniques; 4) Economic characteristics of scientific and technical information communication; 5) Performance evaluation of services and systems; 6) Energy R&D information; 7) Data tagging--design studies and operational experiments; 8) Editorial processing center--operational experiments; 9) Assessment of the health of the scientific and technical communication system of the U.S.

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Postdoctoral Energy-Related Fellowships. The purpose of this fellowship program is to assist in providing experience in energy-related work and research to postdoctoral scientists and engineers as a means of strengthening an energy-related science base of the country. Approximately 90 fellowships will be awarded for energy-related study or research in the mathematical, physical, medical, biological, engineering, and social sciences. Applicants are restricted to those who have held the doctorate for no more than five years by the beginning of their fellowship tenures. The normal stipend will be \$12,000 per year plus certain allowances. NSF brochure E 75-37 describes the program. Application forms may be obtained from: The Fellowship Office, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC, 20418.