



CAL POLY REPORT



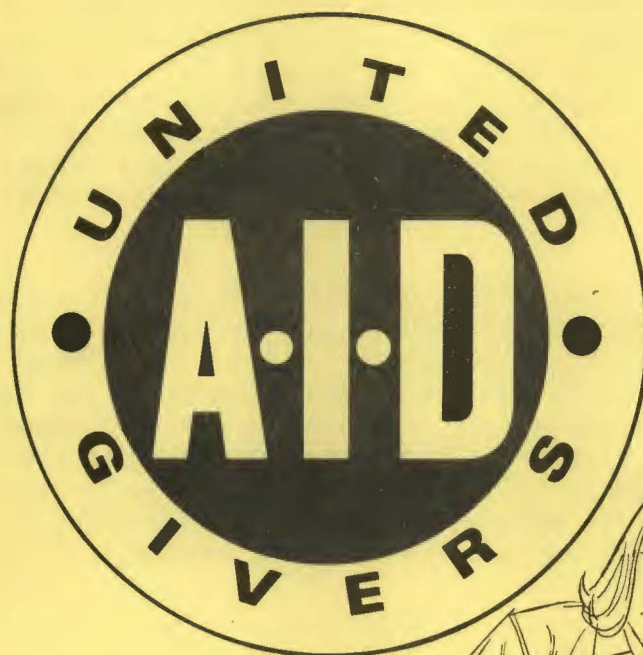
CALIFORNIA POLYTECHNIC STATE UNIVERSITY SAN LUIS OBISPO, CALIFORNIA 93407

Volume 26, Number 15

November 19, 1974



AMERICAN
CANCER
SOCIETY

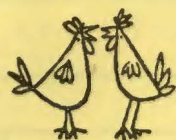


*November 14-
December 6*



REMEMBER.....

FARM-CITY WEEK IN SAN LUIS OBISPO



Displays of modern farm implements and exhibits directed toward today's concerns about the food supply and the environment will be featured in the Farm-City Week observance of the student council of the School of Agriculture and Natural Resources on Saturday (Nov. 23). The display will be held at the Madonna Plaza Shopping Center from 10 am to 3 pm. Frank Coelho, student chairman, says cultural and harvesting equipment used in the raising of field and tree crops at Cal Poly will be the focal point of the display.

Twelve student clubs in the School of Agriculture and Natural Resources will also present educational displays. Coelho says the displays will tell the story of the soils that grow food crops to the processes by which foods are preserved for future consumption. Farm-City Week is a national observance which begins on Friday (Nov. 22) and continues through Thursday (Nov. 28).

Student club displays will include Boots and Spurs, which will represent the production of meat animals -- beef, sheep, and swine -- through visuals and examples; the Crops Club, with a display on sugar beet production; the Cal Poly Chapter of California Young Farmers with a swine display; and the Los Lecheros Club, which serves majors of dairy science, with a milking demonstration. Other exhibits will include the Soils Club, which will present a visual exhibit of soils; the Poultry Club showing the various breeds of poultry which provide eggs and meat for today's meals; and the Food Processing Club exhibiting types of cans used in food processing as well as new processed food products.

The Agriculture Business Management Club will tie all of the displays together with a cost-of-marketing demonstration and Ornamental Horticulture Club members will show how the soil provides beauty through flowers and shrubs. As a special attraction, the Agricultural Engineering Society and the student chapter of the American Society of Agricultural Engineers, will display the tractor-pull sled developed as a senior project and used in competitions in nine fairs throughout the state this year, as well as a modified tractor developed by a Cal Poly student for use in tractor pull competition and a cut-away tractor. The Rodeo Club will display trophies won by Cal Poly's men's and women's rodeo teams and paraphernalia used in rodeoing.

WELDING SHORT COURSE SCHEDULED

A six-day professional development course on the examination of welded pressure vessels will be held in mid-December by the Metallurgical and Welding Engineering Department. The course, which will open on Monday (Dec. 16) and continue through the following Saturday (Dec. 21) will focus attention on the fabrication, inspection and non-destructive examination of welded pressure vessels, according to Richard C. Wiley (Head, Welding and Metallurgical Engineering). Wiley, said the course has been designed for professional engineers and inspectors who want to upgrade their knowledge of pressure vessels.

It will include formal lectures, laboratory sessions with welding and metallographic equipment, reading assignments, quizzes, demonstrations, and discussion sessions. Purpose of the course, according to Wiley, is to broaden the basic knowledge of metallurgical, non-destructive testing methods and codes of the American Society of Metallurgical Engineers as applied to pressure vessel fabrication.

AID-UNITED GIVERS DRIVE UNDER WAY



The annual 1974 Aid-United Givers charitable campaign for the campus is now under way. Begun on Thursday (Nov. 14), the drive will run through Friday (Dec. 6). In a recent letter to faculty and staff, President Robert E. Kennedy emphasized the importance of the concerned and concentrated effort of the University community in helping the less fortunate and distressed in San Luis Obispo County. Last week more than 95 Group Captains attended 12 orientation sessions which were conducted by Ruth Woll, Division Manager of AID-United Givers for San Luis Obispo County and S. Milton Piuma (Staff Personnel Officer), Campus Manager for the 1974 AID-United Givers Campaign.

The only authorized campus drive is intended to raise funds for the 17 local charitable causes throughout the San Luis Obispo County. These are: Achievement House, American Cancer Society, National Red Cross, Boy Scouts of America, Campfire Girls, Children's Home Society of California, Easter Seals, Family Services Center, Girl Scouts of America, Heart Association, March of Dimes, Mental Health Association, Middlehouse, Muscular Dystrophy Association, Salvation Army, San Luis Obispo County Hotline, and Young Men's Christian Association.

The annual drive is directed to State, Foundation, and ASI employees and has the official sanction as the only charitable campaign approved for payroll deduction purposes. Present employees of the University on San Luis Obispo AID-United Givers Board of Directors are Larry R. Voss (Executive Assistant to the President) and Marcus Gold (Coordinator of Audio-Visual Services). Employees presently making payroll deductions will not be contacted. However, those employees wishing to increase those contributions over previous years may contact the group captains in their areas or call the Personnel Office at ext. 2236 for an Aid-United Givers designation form.

Q. How was AID formed?

A. It was a voluntary grouping of businesses and individuals desiring to consolidate the numerous charitable drives conducted each year into one main charitable drive.

Q. How does AID-United Givers distribute its funds if it has not been specifically designated?

A. According to an allocation percentage formula decided on by a locally controlled Board of Directors.

Q. What does AID-United Givers cost?

A. Approximately six percent. Most services and time are donated by members of the business, educational, private, and labor sectors.

Q. Can you designate your contribution to a specific cause?

A. Yes, you can designate specifically, to one, several, or all of the local charitable groups.

Q. Can you designate a charity out of the area?

A. Yes, to one or more groups out of many thousands of eligible charities throughout the United States.

Q. Must you redesignate for a specific charitable cause each year?

A. Yes, those wishing to continue with the same designation must complete a new designation form each year.

A special appeal is being made this year for contributions in view of the spiraling inflation conditions. A greater effort is being made in making personal contact to give more employees an opportunity of participation. Individuals having questions relative to the campaign about Aid-United Givers are asked to contact the captain in their areas or call S. Milton Piuma in the Personnel Office, Admin. 110, or call ext. 2236.

● VARIED CONCERT FOR UNIVERSITY HOUR



A varied program of chamber music will be presented during a University Hour Concert at 11 am on Thursday (Nov. 21) in the Cal Poly Theatre. Programmed for the concert, sponsored by the Music Department are compositions by both Beethoven and Telemann. A trio composed of Elsa Autrey and Debbie Vitek, both playing the oboe, and Mary Miller, English horn, will open the program with their performance of the first movement of Beethoven's Trio for two Oboes and English Horn, Op. 87.

Telemann's "Trio Sonata in F Major" will be presented by a quartet consisting of Constance Bender, recorder; Alberta Hurst, tenor violin; Gay Kimball, violincello; and Ronald V. Ratcliffe of the university's music faculty, harpsicord. Also programmed for the University Hour Concert are a series of Joplin rags to be performed by the Cal Poly Ragtime Ensemble and works for Alphorn performed by Carl Henzgen. The ragtime ensemble, made up of members of the Cal Poly Chamber Orchestra, is expected to present several rag selections from the 1890's. The public is invited to attend the free University Hour Concert.

● MARJOE GORTNER TO SPEAK AT POLY

Marjoe Gortner, famous for his expose on hell and damnation evangelists, will speak and show a film at Cal Poly on Thursday (Nov. 21). The 8 pm program will be held in Chumash Auditorium. Tickets at \$1.50 for students and \$2.50 for the public are available at the ticket office in the University Union. The program is sponsored by the Speakers Forum of Cal Poly's Associated Students, Inc.

Marjoe will show the Academy Award winning film about his life as the "miracle child." He was ordained as a minister at four and officiated his first marriage at five years of age. This incident provoked a national scandal and started the wave of notoriety that he rode for the next decade. During the early years as a boy evangelist, Marjoe supported his family in luxury. When he grew up the money and crowds drifted and he began exposing the false facade of the evangelists. From there Marjoe went into acting.

● UNIVERSITY DESCRIPTIVE STATEMENT APPROVED

After extensive debate and consideration, the Academic Council has recommended and President Kennedy has approved as the University's official descriptive statement the following:

"Cal Poly is particularly noted for its special emphasis and excellence in such applied fields as agriculture, architecture, business, engineering, home economics, and science and mathematics, which are integrated with closely related career-oriented or supporting fields of communicative arts, education, humanities, and social sciences."

This statement should be used in all university publications requiring a condensed statement of emphasis, including all recruitment announcements for faculty and staff.

Internationally-known guitarist Laurindo Almeida and lyric soprano Deltra Eamon will join the Cal Poly Chamber Orchestra in concert on Friday (Nov. 22) at Cal Poly. The 8:15 pm concert will be presented in the Cal Poly Theatre by the university's Music Department and the School of Communicative Arts and Humanities in conjunction with the Associated Students, Inc., Fine Arts Committee.

Almeida has been compared to the guitarist Segovia, whom he knows and respects. Almeida's recordings range from Bach to a solo album of Broadway favorites. One of his many Grammy Awards was for his recording of "Viva Bossa Nova," which received the best solo jazz and best orchestra jazz performance awards. A native of Brazil, Almeida has also scored many films, sometimes composing and then playing his own music. He recently toured the world as a featured soloist with the Modern Jazz Quartet.

Miss Eamon, Almeida's wife, will also be featured at the concert. A native of Canada, she has appeared as soloist with the Royal Conservatory Opera Company in Toronto, the Roger Wagner Chorale, and with the New York Philharmonic Orchestra at Carnegie Hall. She and Almeida have just completed an album, which will soon be released. The program for concert at Cal Poly includes Haydn's Symphony No. 85; Handel's "Water Music;" "Bachianas Brasileiras No. 5 for soprano and eight celli" by Villa-Lobos; and Guiliani's Concerto for Guitar, strings and timpani.

General admission tickets are now on sale at the information desk at the Julian A. McPhee University Union. Prices are \$1.50 for students and \$2.50 for all others.

Effective Wednesday (Nov. 20) the mail room in the Administration Building will be re-located to the warehouse. Outgoing mail will be picked up as usual for metering; however, if it is desired that outgoing mail go directly to the Mail Center for metering, it can be taken to the Maintenance Office and placed in the basket provided for that purpose. The telephone extension for the Mail Center will be 2510.

With the recent merger between the national engineering honor societies of Tau Beta Pi and Sigma Tau, the continuing Tau Beta Pi Association is attempting to contact faculty or staff members who are Sigma Tau members to inform them of their eligibility for membership in Tau Beta Pi. There are three membership options available to the Sigma Tau members. For further information, contact Dr. E. R. Owen (Head, Electronic and Electrical Engineering) Ext. 2781.

Type font elements for IBM Selectric typewriters that have broken teeth and can no longer be used are being collected by the Public Affairs Office. Campus offices that wish to dispose of broken type elements are asked to forward them via campus mail or bring them to the Public Affairs Office, Adm. 210.

● DEMONSTRATION OF CALCULATORS AT BOOKSTORE

Specialists from Hewlett-Packard will be present at El Corral Bookstore's calculator department to demonstrate the range of H.P. calculators: the HP-65 (fully programmable), the HP-35 (electronic sliderule), the HP-80 (financial), the HP-45 (advanced scientific), the HP-70 (business) and accessories for them. Mary Lee Green (Manager, El Corral) said that the demonstration was organized by El Corral in response to request from students and faculty. The demonstration will be on Tuesday (Nov. 19) and Wednesday (Nov. 20) between 9 am and 3 pm.

● HURRICANE RELIEF DRIVE SUCCESSFUL

The Hurricane Fifi Relief Drive at Cal Poly has accumulated food, clothing, and money for the victims in Honduras. Robert Bonds (Coordinator, Student Community Services) said over three tons of clothing was collected for the victims. The Associated Students, Inc., Business Office reported that \$256 in monies has been collected to date. "Under the circumstances, we did very well," Bonds said.

● A "LATIN AMERICAN LUNCHEON" AT VISTA GRANDE

A Latin American luncheon will be featured in Vista Grande Restaurant on Wednesday (Nov. 20) between 11 am and 2 pm. The special luncheon will feature: sobrebarriga-bogatan (marinated beef with rice), humitas (Andean creamed corn with cheese and bacon), fiesta de frutas (fruits and ice cream), pan (bread) ensalada (salad) and cafe, leche o te (coffee, tea, or milk). The price of the Latin American luncheon is \$1.95.

● WASSAIL BOWL OFFERED BY C S E A

Chapter 97 of the California State Employees' Association cordially invites all Cal Poly faculty and staff to join their friends for a cup of cheer around the Wassail Bowl anytime between 9 and 11:30 am on Tuesday (Nov. 26) in the Staff Dining Room.

● VACANT FOUNDATION STAFF POSITIONS

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 212, ext. 1121. Cal Poly Foundation is an Affirmative Action Employer.

PRODUCTION ASSISTANT (\$825-\$1003), Vocational Education Productions Department. Person to serve as coordinator in charge of producing instructional materials, under the direct supervision of IMP Coordinator. Primary duties include writing, research and development of written materials for textbook use, and writing scripts for filmstrips; have ability to work closely with technical experts on campus or other areas in the state as job demands. Requirements: College graduate with major in photo-journalism or film production work, including scriptwriting; have photographic experience; one year of journalism experience or related field.

CAFETERIA WORKER "A", (\$2.28/hour), Food Service Department. Perform general cafeteria work; serving of food, operate simple kitchen equipment, maintain areas in sanitary condition. Must be able to understand and follow oral and written instruction, do basic arithmetic. Experience helpful, but not essential.

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

Alexander Capurso (Head, Music) presented the principal address at the conference for The American Society for the Advancement of Violin Making held Nov. 10-11, 1974, in New York City. He is a vice-president and a member of the board of directors for the society.

Robert L. Cleath (Speech Communication) gave six speeches during the past month at the Intervarsity Conference at Camp Koinonia, the Cal Poly Home Economics luncheon, and the Christian Women's Club at the Golden Tee in Morro Bay.

Herschel L. Apfelberg (Graphic Communications) met with the board of directors of Bookbuilders West, a professional organization of book and magazine publishers. He was a guest at the general meeting of Bookbuilders West held Oct. 30-31 at the Airport Hilton in San Francisco.

Keith E. Nielsen (Speech Communication) has been elected secretary of the newly-created Health Communication Division of the International Communication Association.

Allen D. Miller (Mathematics) attended the fall meeting of the Liaison Committee on Liberal Studies of the Articulation Conference at El Camino College on Nov. 1, as a California State University and Colleges delegate appointed by the Chancellor for a three-year term.

Paul E. Scheffer (Industrial Engineering) has been selected to receive the Educator of the Year Award by the Society of Manufacturing Engineers, Los Angeles Chapter. This award was presented Nov. 14 in Los Angeles.

John B. Wordeman (Head, Graphic Communications) has had his article, "Production System Analysis for Problem-Solving," published in the October 1974 issue of the In-Plant Printer. This is the second part of a two-part series; part one appeared in the Sept. issue.

Stanley A. Malinowski, Jr. (Music) was a participant in the 40th annual meeting of the American Musicological Society held Nov. 1-3 in Washington, D.C.

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 application. Cal Poly is an Affirmative Action Employer. The positions are:

Placement Interviewer (\$763-\$927), 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 26, 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 26, 1974.

Associate Dean, Academic Planning, a 12-month staff position. The person selected will report to the Vice President for Academic Affairs and will be responsible for the following: coordination of the University's academic master plan and the annual updates; special interschool, interdisciplinary, innovative, and cooperative education programs; performance review of curriculum programs; preparation of University accreditation documents and for accreditation team visits; serves as liaison with Division of Academic Planning Office of the Chancellor; assists with review and preparation of catalog copy and course proposals, including working with schools and departments on development and implementation of curriculum. Applications should include a professional resume, a letter expressing interest and must be submitted by December 2, 1974, to Hazel J. Jones, Vice President for Academic Affairs. Applicants should preferably hold one of the top two ranks and have had some successful experience working with varied groups of people and with curriculum development. All qualified candidates will be interviewed. Salary will be based on the present rank held and will be on a 12-month schedule. The position is expected to be filled by the beginning of Winter Quarter. Minority group members and women are encouraged to apply.

Typewritten copy intended for the next issue of Cal Poly Report must be received prior to 12 noon on Friday (Nov. 22) 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 (Nov. 19).

encouraging notes

November 19, 1974

NSF Scientific Equipment Program. The National Science Foundation has reopened annual competition for its Instructional Scientific Equipment Program and is seeking proposals. The program is designed to help colleges and universities improve the quality of undergraduate science instruction by updating courses and teaching laboratories. The program remains essentially unchanged from last year. Deadline: December 13, 1974. Ask to see NSF E-75-15 in Administration 317. Additional information may be obtained from:

Instructional Scientific Equipment Program
Division of Higher Education in Science
National Science Foundation
Washington, DC 20550
(202) 632-7760

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NSF Faculty Fellowships. The National Science Foundation has reopened competition for Faculty Fellowships that are designed to help teachers broaden their perspective in the applications of science to societal problems. NSF plans to award approximately 80 Faculty Fellowships in April 1975. The program focuses attention on the use of science to help solve pressing societal problems. The program is for teachers of science, mathematics, and engineering. Awards will be made to faculty members who have had five or more years of full-time teaching experience. The fellowships may be used for periods of three to nine months; stipends are based on salary paid during the preceding year, plus assistance in meeting tuition and other costs. Competition will be divided into two categories: faculty members with bachelor's and master's degrees and those with a doctorate degree. Application materials will be available later this month and will be in Administration 317 or may be obtained from:

Faculty Fellowship in Science Program
Division of Higher Education in Science
National Science Foundation
Washington, DC 20550

Deadline: January 7, 1975

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Energy Review Articles. Energy Review, a bi-monthly publication of the Energy Research Corporation, contains research abstracts and general information on all energy-related topics. The September-October 1974 issue, for example, features coal technology--new uses for coal, new ways to produce synthetic fuels from coal, new ways to overcome environmental hazards of coal--as well as other energy-related materials. The Cal Poly Library number for this publication is TJ153E48. The publication is also interested in receiving abstracts from faculty, either published or unpublished. The address:

Energy Research Corporation
6 East Valerio Street
Santa Barbara, CA 93101

Social Science Research Council (SSRC) Deadlines

Fellowships and Grants of the SSRC

Research Training Fellowships

December 2, 1974

Fellowships and Grants Sponsored Jointly by the SSRC and the American Council of Learned Societies (ACLS) and Administered by the SSRC - (Latin America and the Caribbean)

Grants for Research

December 2, 1974

Collaborative Research Projects

December 2, 1974

Group Research Projects

December 2, 1974

Conference Support

December 2, 1974

Grants for Research in all other Foreign Areas

December 2, 1974

United Kingdom

January 11, 1975

Canada

January 15, 1975

Inter-American Research Training Seminars

January 15, 1975

For 1976 proposals:

March 1, 1975

Fellowships and Grants Sponsored Jointly by the SSRC and ACLS and Administered by the ACLS

South Asia: Grants for Research

December 2, 1974

Soviet Union: Grants for Research

December 31, 1974

East Europe:

Grants for Research

December 31, 1974

Travel Grants

February 15, 1975

Grants for Language Study

February 1, 1975

Further information concerning any of these programs may be obtained in Administration 317 or the descriptive booklet may be obtained from:

Social Science Research Council
Fellowships and Grants
605 Third Avenue
New York, New York 10016

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Canadian Research Opportunities. Two brochures--"National Research Council Laboratories Research Associateships 1975" and "1975-76 Postdoctorate Fellowships in Government Laboratories"--list research and associateship opportunities in Canada. It is not necessary to be a Canadian citizen to apply, but the applicant must meet all Canadian immigration requirements. Research areas covered include research in science and engineering in laboratories of the following departments and agencies: Agriculture; Communications; Energy, Mines and Resources; Environment; Forestry; Fisheries; Health and Welfare; National Museums; and the Atomic Energy of Canada, Ltd. These brochures are available in Administration 317. Deadline: Applications and supporting documents should be received in Ottawa not later than January 15, 1975.

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