NURSERYMEN MEET ON CAMPUS

"Back to Basics" is the theme of the 29th annual refresher course of the California Association of Nurserymen at Cal Poly, Wednesday through Friday, (June 1-3). The conference is being hosted by the Ornamental Horticulture Department and is expected to attract more than 200 nurserymen to Cal Poly. Such subjects as water conservation, building a quality organization, solar energy systems, changing patterns of California soils, and fertilizers will be discussed.

The conference opened at 1 pm on Wednesday (June 1) in Chumash Auditorium when President Robert E. Kennedy and Mary Fischer, California Association of Nurserymen president, greeted the participants. Also scheduled during the afternoon session were discussions on the course theme, "Back to Basics," by Philibert Delorm of Perry's Plants, La Puente; "Cultural Methods for Water Conservation," Wayne Morgan, Kellog Supply Company, Carson; "Is the EPA Returning to Basics?," Dr. J.L. Reed, Shell Oil Company, San Ramon; and "Building a Quality Organization," Ray Cusato, Executive Consulting Services, Rolling Hills.

Sessions on Thursday (June 2) will include the second section of "Building a Quality Organization," Cusato; "The Changing Patterns of California Soils," Carl Spiva, CelPrill Industries, Manteca; and "Solar Energy Systems," Jim McDade, Pacific Gas and Electric Company, Oakland. After lunch and a plant identification walk, the afternoon session will include "The Basics of Seed Prilling," by Spiva, and "Practical Application of Inventory Control," Dick Green of Pomona Wholesale, Pomona. The evening session will consist of a "New Plant Forum" with Bob Frahm of Park Hill Nursery, San Jacinto.

The final session of the refresher course will begin at 8:30 am on Friday with "The A-B-C's of Slow Release Fertilizers," by Dr. Wesley Jarrell, University of California at Riverside; "What Successful California Gardeners Need to Know About Soils," Don Lancaster, University of California Extension, San Jose; and "The 5 Elements of a Sale," Gary Entwistle, marketing consultant, Brea. The nurserymen joined the Cal Poly Ornamental Horticulture Club for the club's annual awards banquet in Chumash Auditorium on Wednesday (June 1) and will also participate in a barbecue in Poly Grove on Thursday evening (June 2), and attend a ranch breakfast at the Ornamental Horticulture Unit on Friday (June 3). Steve Kelter of Western Peat Moss, Ltd., Newport Beach, is the co-chairman of the refresher course along with Anthony Amato (Acting Head, Ornamental Horticulture.)

NEW ART CURRICULUM IMPLEMENTED

Cal Poly will begin offering the Bachelor of Science Degree in applied art and design this fall, according to an announcement from Hazel J. Jones (Vice President for Academic Affairs). Dr. Jones said approval for the new degree program with course options in crafts design and graphic design has been received from the Office of the Chancellor. Jon M. Ericson (Dean, Communicative Arts and Humanities) said the program will point a new direction for occupational study based in the arts in which creative design will be interrelated with product manufacturing processes, marketing, and other technical areas.

Dean Ericson said the new Cal Poly program will be distinctive in that its graduates will be required to relate creative design and fine craftsmanship with the needs of individual clients, small industries, large industries, and preferred industrial designers. Graduates of the curriculum will be skilled in design, graphic design, and such crafts as wood, ceramics, and metals. They will be prepared to pursue careers in either industry or public agencies or to enter graduate study.

Thomas V. Johnson (Head, Art) who will administer the new bachelor's degree curriculum, said the department will continue to provide general education and support courses for the entire university student body while offering the applied art and design program. About 75 students, including both first time freshmen and transfers from other majors at Cal Poly are expected to enroll in the new applied art and design program during its first year of operation. Its first graduates are expected in 1980.
JAZZ NIGHT FEATURES NOTED SOLOIST

A guest performance by Alan Kaplan, who plays lead trombone with the Louis Bellson Band, among others, is slated for Jazz Night at Cal Poly on Friday (June 3). Kaplan will be playing with the Cal Poly University Jazz Band (Collegians), one of three instrumental groups that will be performing at the 8 pm concert. Also appearing in the Cal Poly Theatre will be the Cal Poly Studio and Dixieland Bands and a trio of special guest vocalists. Tickets for the event are being sold in advance at the University Union ticket office. Priced at $1.50 for students and $3 for adults, they are also being sold by band members and will be available at the theatre box office the night of the performance.

Kaplan, who performed with Louis Bellson at Cuesta College recently, also plays with Don Ellis, Bill Watrous, and the Frank Capp-Nat Pierce band. At age 19, he played with the Buddy Rich band for two years, and he also toured with the Harry James band for two years. A native of Los Angeles, Kaplan's television credits include Hawaii Five-O, The Andros Targets, McCloud, The Paul Anka Show, and The Tonight Show. His trombone has also been featured in several movies and records.

The University Jazz Band, a 17-member ensemble primarily involved with contemporary jazz, is conducted by Graydon J. Williams (Music). The 18-piece Studio Band features the modern sounds of rock and contemporary jazz. The Dixieland Band will appeal to the lovers of New Orleans Jazz with its rich, brassy sound. Rounding out the Jazz Night program will be Cindy Karr and the Le Moine sisters, a vocal trio that will capture the audience with its special surprise performance.

HARRINGTON PENS BOOK ON FILM

A textbook exploring the interrelationships between motion pictures and literature has been written by a faculty member at Cal Poly. "Film and/as Literature" was written by John F. Harrington (English) the author of two other books on the subject of film. Dr. Harrington said the book was designed to "bridge the gap between the school of thought that views film as film and the school of thought that views film as literature.

He feels it is important to teach students how to evaluate and understand film and not just passively watch it. To help students criticize and judge films intelligently, Dr. Harrington's newest book includes chapters on "Adaptation:" "Film and Theatre;" "Film and Novel;" "Film and Poetry;" "Authorship and Auteurship;" "Film's Literary Resources;" and "Message, Medium and Literary Art." His earlier books are titled "The Rhetoric of Film" and "Frames of Reference.

NEW BOOK AIDS IRRIGATORS

A university professor with 39 years of experience as an agricultural engineer and farmer has some important advice for California's drought-stricken farmers, which he's sharing with them. The result of John L. Merriam's international experience and studies is contained in "Efficient Irrigation, You Can Plant More Land With Less Water," a 50-page booklet released this week by the Agricultural Engineering Department.

Merriam, a member of the Cal Poly faculty since 1958, believes irrigators can increase their water use efficiency by 50 to 75 percent and, by doing so, plant a lot more land with the same amount of water. He points out that if a water allocation, as used in a typical program with 50 percent efficiency, will satisfactorily produce a crop on 50 acres of land, a 75 percent efficient irrigation program will produce a crop on 75 acres with the same amount of water.

"In a drought year, normal irrigation economics must be thrown out the window," Merriam says. "One is no longer greatly concerned with the cost of water, labor, and capital investment if irrigation efficiency can be increased. The value now lies in the additional production from additional land cropped. There is no other single improvement procedure that can provide so great a return and hence justify so much management or capital input," Merriam added.

"Efficient Irrigation, You Can Plant More Land With Less Water" includes chapters on management of the three major methods of irrigation - furrow, border-stripe, and sprinkle. Also in the booklet is a chapter on the questions an irrigator needs to answer and other management methods, a glossary, and eight charts that explain the various ways to achieve higher irrigation efficiency.

The Cal Poly Agricultural Engineering Department published the booklet as a service for California agriculture with donated funds. Copies can be obtained by sending stamps to cover the cost of mailing (25 cents by book rate, or 39 cents by first class) to "Efficient Irrigation," Agricultural Engineering Department, California Polytechnic State University, San Luis Obispo, Calif., 93407. Further donations to make wider distribution of the booklet possible and assist in other irrigation-related projects can be sent to the same address.

CAL POLY REPORT - JUNE 2, 1977
NEW SUMMER WORK HOURS

In recognition of the need for further conservation of electrical energy, President Robert E. Kennedy has announced the establishment of normal working hours for this summer as 7:30 am to 4 pm with one-half hour for lunch. The modified hours will be in effect from June 13 through Sep. 9. This action was taken after consultation with the Staff Senate and input from other interested areas on campus.

In cases where an employee needs to take an hour-long lunch period, the supervisor may approve a 7:30 am to 4:30 pm work day. However, in the interest of following a uniform policy, all offices will be officially closed for business at 4 pm. Supervisors and department heads should be reminded of their responsibility that employees under their jurisdiction work a full eight-hour day and forty-hour week.

SUMMER PUBLICATION SCHEDULE

*Cal Poly Report* will shift to an alternate week summer schedule, beginning after the June 9 issue. Summer publication dates for the weekly newsletter and the deadline dates are as follows:

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Cal Poly Dateline will appear on June 6, 13, July 11, Aug. 8, Sep. 26, and the deadline for submission of material will be noon on the preceding Thursday. Submissions for both publications should be typewritten and double-spaced. Copy should be sent to the Publications Office, Adm. 125.

WIVES’ CLUB GENERAL MEETING

The retiring board of the Cal Poly Wives’ Club will host a coffee for club members on Tuesday (June 7) at 10 am in the Home Economics Living Room. University administrative personnel will give a presentation of plans for a future meeting facility. All members are invited to attend.

CAL POLY REPORT - JUNE 2, 1977
WIVES’ CLUB DIRECTORS

The Cal Poly Wives’ Club has announced the election of the 1977-78 Board of Directors, as follows:

President Dantza Anderson (Mrs Warren)
First Vice-President Betty Nielsen (Mrs. Keith)
Second Vice-President Nancy Katekaru (Mrs. James)
Secretary Brenda Hughes (Mrs. Luther)
Treasurer Sue Adams (Mrs. William)
Section Coordinator Carol Huff (Mrs. Earl)
Parliamentarian Leora Schroeder (Mrs. Walter)
Historian Mary Ellen Andrews (Mrs. Charles)
Members-at-Large Ruth Holtz (Mrs. Walter)
Sue Rickard (Mrs. Herman)
Verna Smith (Mrs. R. Elberton)
Newcomers Oliver Vinande (Mrs. Roger)
Budget and Finance Kathy Golden (Mrs. James)
Publicity Esther Landreth (Mrs. James)

ANOTHER MERIT AWARD ANNOUNCED

Donald L. Shelton (Director, Personnel Relations) announced that Sharon Y. Pollard has received a $45 award from the State Merit Award Board. Mrs. Pollard worked as a Departmental Secretary in the Animal Science Department from Sep. 3, 1968 to Dec. 31, 1976 and this suggestion was submitted prior to her resignation. The award was given in recognition for developing a series of forms to be used by university faculty in scheduling office hours and appointment requests.

LIFT THE RIGHT WAY

Approximately 90 percent of all back injuries occur while lifting objects weighing 50 pounds or less. Think what that means. Many back problems are caused by lifting and handling such common things as a tool box, a bag of groceries, a spare tire, a shipping package, a box of old clothing, a typewriter, a comfortable chair, or even a two-year-old child. These are just a few of the things we handle with little or no through as to proper lifting techniques.

Just as many tool accidents are caused by using the wrong tools, many back injuries are caused by using the wrong muscles. The leg muscles are much stronger than the back muscles and should provide the main force when lifting. The back muscles should be used only as the supporting members that they really are. Correct lifting techniques can be practiced by applying five easy-to-remember rules:

1) Spread feet about shoulder width; if possible, place one foot along side the object.
2) Bend knees and squat all the way down.
3) Keep back straight and chin tucked in.
4) Lift with the legs.
5) Keep the object close to the body and avoid twisting while lifting.

Good lifting technique is not a difficult thing to learn or remember.

UNIVERSITY CLUB GOLF RESULTS

The Annual University Club Golf Tournament was held on Saturday (May 14) at the Black Lake Golf Club. Forty members of the staff, faculty, and emeriti participated in the event held under sunny skies. Gerald N. Punches (Registrar) was the big winner of the day. His score of 78 tied him with Steven C. Orlick (Architecture and Environmental Design) for low gross honors. Punches also had the low net score with a 70.5.

Other low gross scores included: 79 - William H. Brown (Architecture and Environmental Design); 81 - Robert Dignan (Business Affairs); 83 - Delmar D. Dingus (Soil Science); and 85 - Milo Whitson (Mathematics, emeritus) and Laverne L. Bucy (Animal Science). Trophies and $10 gift certificates were presented to the two major winners.

DODGER NIGHT REMINDER

Faculty and staff are reminded of the June 17 deadline for purchasing tickets for Cal Poly Alumni Night at Dodger Stadium (July 9). Reserved seat tickets at $4 each are available through the Alumni Services Office in Adm. 210. For further information telephone Steven G. Riddell (Coordinator, Alumni Services), Ext. 1261.

SEASON FOOTBALL TICKETS ON SALE

Beginning June 1 the ASI Business Office will take football season ticket orders for the 1977 Mustang football season, from 8 am to 12 noon and 1 pm to 4 pm. June 30 will be the last day to renew orders for students, faculty and staff season tickets to obtain the same seats as last season. Student tickets are $12.50 and non-students are $23.50 for the five home games. Tickets purchased may be picked up beginning Monday (Sep. 12) in the ASI Business Office, UU 202. Please phone Ext. 1281 for further information.

NO “DATELINE” NEXT WEEK

Due to a light scheduling of activities and programs during the quarter break, Dateline, will not be published Monday (June 6) as scheduled. The next issue will be published on Monday (June 13).
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, Personnel Relations. Those interested in learning more about the positions are invited to contact the appropriate dean or department head. This university is subject to all laws governing affirmative action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendment Act. All interested persons are encouraged to apply.

Director of Placement (Student Affairs Officer IV-V, 12-month appointment), $1,638,52, 502/month, dependent upon individual qualifications and relevant experience. Under administrative direction of the Dean of Students, is responsible for planning, organizing and developing, implementing and administering the Cal Poly Placement activities. A doctorate degree with extensive experience in placement and student affairs work is desirable. A master's degree in a related major field with at least four years of progressively responsible experience as a director or assistant director of placement on a large university campus is required. Extensive equivalent experiences as a college or university recruiter may be substituted. Apply to Dean Everett M. Chandler, California Polytechnic State University, San Luis Obispo, CA 93407, by Sept. 15, 1977. Anticipated appointment is Dec. 15, 1977.

Assistant Professor, $13,572-516,320/year, based on qualifications, 9-month academic year, paid in 12-month installments. Natural Resources Management Department, School of Agriculture and Natural Resources. Teach courses in resource survey, wildlife habitat management, marsh management, population dynamics; and related duties. Earned doctorate in wildlife management, wildlife science or closely related area. Position available: Fall Quarter, 1977. Closing date: 7-15-77.

Lecturer, $4,524-$5,440/quarter, depending upon educational qualifications and experience, Electronic and Electrical Engineering Department, School of Engineering and Technology. Temporary quarterly position(s) beginning as determined by need during the 1977-78 academic year. All candidates must have Master of Science degree in Electrical Engineering, industrial experience, and university level teaching experience. Varied assignment to service and/or core courses. Closing date: 6-24-77.

Associate Professors, $17,088-$20,592/year, depending on qualifications, Accounting Department, School of Business. Full-time positions for 1977-78 to teach accounting classes. Doctorate with degree or major in accounting; teaching, research, publication and professional service desirable. Responsible for teaching, professional service and some research contribution. Position available: 9-19-77. Closing date: 6-17-77.

Lecturer, $4,524-$5,440/quarter, English Department, School of Communicative Arts and Humanities. Full-time position for Winter and Spring Quarter, 1978. Duties include teaching composition and advising English majors. Master's Degree in English and experience in advising are required. Graduate work beyond the master's degree is desirable. Closing date: 6-16-77.

Lecturer, $13,572-$20,592/year, dependent upon qualifications, Accounting Department, School of Business. Full-time positions for 1977-78 to teach accounting courses. Doctorate or ABD's near completion, with degree or major in Accounting; teaching, research, publication and professional service desirable; minimum of MBA/CPA preferred. Responsible for teaching, professional service and some research contribution. Position available: 9-19-77. Closing date: 6-17-77.

Lecturer, $4,524-$5,440/quarter, dependent upon qualifications, Business Administration Department, School of Business. Full-time position for the Fall Quarter, 1977. Duties include teaching Business 101, Introduction to Business and Mktg. 204, Marketing Principles or Mktg. 301, Marketing Analysis. M.B.A. required, Ph.D. preferred. Teaching and professional experience desirable. Closing date: 6-30-77.

Lecturer, $13,572-$17,904/year, dependent upon qualifications, Business Administration Department, School of Business. Full-time appointment for the 1977-78 academic year. Duties include teaching Marketing Analysis (Mktg. 301), Marketing Research (Mktg. 302), Consumer Behavior (Mktg. 303), and Physical Distribution (Mktg. 304). Ph.D. required. Teaching and professional experience highly desirable. Closing date: 6-30-77.

Lecturer, $18,756-$20,592/year, dependent upon qualifications, Business Administration Department, School of Business. Full-time appointment for the 1977-78 academic year. Duties include teaching Marketing Analysis (Mktg. 301), consumer Behavior (Mktg. 303), and Physical Distribution (Mktg. 304). Ph.D. required. Teaching and professional experience highly desirable. Closing date: 6-30-77.

SUPPORT STAFF VACANCIES

Vacant support staff positions have been announced by Robert M. Negranti, Staff Personnel Officer. Descriptions of the positions and other vacancies are posted outside the Personnel Office, Adm. 110, Ext. 2236. Applications shall be on official forms. Contact the Personnel Office to obtain an application.

This university is subject to all laws governing affirmative action and equal employment opportunity including but not limited to Executive Order 11246 and Title IX of the Education Amendment.

Departmental Secretary II-B, $822-$984/month, Animal Science, School of Agriculture and Natural Resources. Duties: perform a wide range of difficult clerical functions; and serve a 21-member faculty with extensive university and foundation responsibilities. Requirements: high school graduate, 3 years clerical experience, type 45 wpm, shorthand 100 wpm, and must have taken the General Clerical Test. Must have ability to supervise subordinate clerical employees and student assistants, and operate calculator and duplicating machines. Closing date: 6-9-77.

Clerical Assistant II-A, $673-$804/month, Library (Cataloging Section), Academic Affairs. Duties: typing and filing catalog cards, precatalog checking, bibliographic searching and other clerical duties. Requirements: high school graduate, 1 year clerical office experience, type 45 wpm, and must have taken the General Clerical Test. Closing date: 6-9-77.

Clerical Assistant II-A, $336,50-$402/month, Animal Science, School of Agriculture and Natural Resources. Duties: type instructional materials and correspondence; maintain student records; operate various business machines and assist with other clerical functions. Requirements: high school graduate, 1 year clerical experience, type 45 wpm, and must have taken the General Clerical Test. Working hours are from 8 am to 12 pm. Closing date: 6-9-77.

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 Building, Room 212, Ext. 1121. Cal Poly Foundation is subject to the requirements of Executive Order 11246 and is an Affirmative Action and Title IX Employer. All interested persons are encouraged to apply.

Production Assistant, $9,499-$11,39, Communications/Media Productions. Duties: Storyboarding; script visualization; final executive of all media artwork. Requirements: Minimum of two years experience in similar position; high school graduate, preferably with 2 years related college units. A broad background in art with specialization in preparation of artwork for visuals in filmstrips and other A-V media needed. Experience in advertising art, with skills in photography or writing is desirable. Applications accepted through 6-16-77.
WHO...WHAT...WHERE...WHEN??

Barton C. Olsen, History, has been selected by the Cal Poly Chapter of Phi Kappa Phi to be a nominee for the National Phi Kappa Phi Scholar Award for 1977. Phi Kappa Phi, founded in 1897, has as one of its primary objectives the recognition and encouragement of superior scholarship in all fields of study.

Norman H. Pillsbury, Natural Resources Management Department, and Jens Pohl, Architecture and Environmental Design, participated in the "Third Annual Faculty and Staff Track and Field Meet" at Hayward State University, Apr. 17. Pillsbury placed 2nd in the 1 mile (4:45.0) and 3rd in the 10,000meters (38:47.0). Pohl placed 2nd in the hammer throw (121 ft. 10 inches) and 2nd in the discus (136 ft.). The 15 points earned by the two-man team placed Cal Poly 16th out of 25 schools.

Walter E. Rice, Economics, presented a paper titled, "Demand: Manipulate to What Level?" at the Small Transit Systems conference of the Institute of Transportation Studies, University of California, Berkeley, on May 18.

Stanislaus J. Dundon, Philosophy, led a discussion on the Social Ethics of a World Grain Reserve Program, at Asilomar, May 20. The discussion was part of a Hunger Task Force program, sponsored by the Norther Conference of the United Church of Christ whose delegates were meeting at Asilomar.

Elizabeth K. Perryman, Biological Sciences, has accepted a summer research appointment at the University of Arizona. The NSF Small College Faculty Engaged in Research at Larger Institutions Program has again funded her research on ultrastructure of the pituitary gland.

David L. George, Political Science, chaired a panel at the Second Annual CSUC Research Conference held on May 5-6, at California State College, Sonoma.

Moon Ja Minn Suhr, Women's Physical Education, directed a performance of Orchesis (Cal Poly dance club) at the Huntington Retirement Residence in Morro Bay, on May 9.

Frank J. Hendel, Aeronautical Engineering, has recently been installed for the fourth consecutive year to the Council of the Institute of Aeronautics and Astronautics, Vandenberg Section. Also at the recent Energy Vista '77, Dr. Hendel delivered two presentations titled "Energy Choices for the Future," and "Coal." During the summer he will be working in the Laramie Research Center of the Energy Research and Development Administration.

Charles W. Strong and John F. Harrington, both English, and Barron J. Wiley, Education, served as judges for the first annual San Luis Obispo film Festival held locally on May 7. Most entries were from Central Coast filmmakers.

Harold M. Cota, Environmental Engineering, attended the joint meeting of the State Water Resources Control Board and Regional Water Quality Control Board in Los Angeles, May 20-21. Cota was also one of the presenters at the "Central Coast Regional 208 Non-designated Area Policy Advisory Committee. The committee is to advise on water quality management planning programs.

Eugene F. Coleman, Graphic Communications, is the author of an article, "Women in American Printing," which appeared in the May-June issue of the periodical Typeworld. The article was adapted from a portion of the author's Bicentennial talk on American printing history which he presented here in May 1976.

Herschel I. Apfelberg, Graphic Communications, attended the joint west coast annual meeting of the National Metal Decorators Association. Packaging education was discussed with specific application to industry assistance in laboratory development.

Robert L. Hoover, Social Sciences, attended the 21st annual meeting of the Kroeber Anthropological Society at the Marriott Inn, Berkeley, on May 20. Hoover, has also presented a symposium on Cal Poly's archaeological field school at Mission San Antonio last summer.

Patrick C. McKim, Social Sciences, attended a multi-media workshop on May 5, with other Cal Poly faculty at the Madonna Inn which was sponsored by the Audio Visual Department. The latest equipment and techniques for classroom instruction were explained and used.

Michael C. Howard, Social Sciences, has recently received his Ph.D. Degree in anthropology from the University of Western Australia. The title of his dissertation is "Nyongah Politics: Aboriginal Politics in the Southwest of Western Australia." Dr. Howard has also just published a book "Aboriginal Politics and Development in Australia," available from Ishi Press.

Donald Cheek, Counseling Center, Locksley Geoghegen and Walter Harris, EOP, gave a program development and student survival skills workshop on May 16, at the University of California, Santa Barbara. Cheek, Geoghegen, and Harris presented a Multicultural (Third World) Model for the Development of Learning Programs.

William R. Troutner, Emeritus, Crop Science, was presented an honorary life membership of the California Agricultural Commissioner's Association, at the spring meeting in Eureka on May 19. Troutner was made in recognition of his many years of service for the protection and benefit of California Agriculture, 34 years of dedication to agricultural education at Cal Poly, and outstanding contributions to the betterment of agriculture.

J. Barron Wiley, Education, has been elected to a second year's term as president of the San Luis Obispo county Historical Society.

Eugene F. Coleman, Graphic Communications, presented a paper titled "Economics Models for Graphic Arts composition," at the annual meeting of the Technical Association of the Graphic Arts, in Chicago on May 10.

John L. Merrilram, Agricultural Engineering, has recently presented talks on obtaining more efficient irrigation and selection of irrigation methods, to the Edna and the Adelaida Farm Bureau Centers.

Thomas T. L. Chou, Electronic and Electrical Engineering, attended the IC Converter and Data Acquisition Systems seminar at Los Angeles on May 3. The seminar focused on the design applications of integrated converters.

Robert E. Alberti and Michael L. Emmons, Counseling Center, have been notified of the publication of the Dutch edition of their book "Your Perfect Right." Under the title "Zeker Van Jezelf" (Assert Yourself) the edition was published in Belgium by De. Nederlandsche Boekhandel, and is a featured selection in that company's spring catalog.

Robert G. Reynolds, Art, has one of his paintings reproduced on the cover of the May-Atlantic of Ford Motor Company's publication Ford Times. Additional Reynolds artwork accompanies the inside story dealing with the Mendocino Coast.

Aryan Roest, Robert J. Rodin, Shirley R. Sparling, all Biological Sciences, and Timothy Gafney, Placement, have all received a letter of thanks from Kern Environmental Education Program at the Montana de Oro State Park for assistance in a recruitment program which resulted in the placement of five Cal Poly students.

James L. Webb, Men's Physical Education, has been notified that his research paper on Dr. Paul E. Spangler, local running physician, has been accepted for publication in the May issue of the Journal of Gerontology. The article is titled "Physiological Characteristics of A Champion Runner: Age 77."

Carolyn Shank, Women's Physical Education, and the Cal Poly synchronized swimmers have conducted several clinics: Apr. 16, for students from Arroyo Grande and Morro Bay High Schools; Apr. 27 for girls from San Luis Junior High School; and May 11 for Coast Union High School.

Andy Proctor, Women's Physical Education, was selected as meet director for the Central Coast Girls Athletic League gymnastics championships held at San Luis Obispo Junior High School, May 14.
NSF - BASIC RESEARCH. Unsolicited proposals for basic research grants may be submitted to NSF at any time. Applicants should allow six to eight months between submission of a proposal for scientific research and the anticipated starting date. Every effort is made to reach a decision and inform the prospective grantee promptly. In some programs, deadline dates are established for consideration of proposals by review panels which meet periodically. The process is a continuing one; if the proposal misses review at one panel meeting, it will be held over to the next. As much as possible, panel deadline dates are published in the NSF BULLETIN available for review in Administration 317.

NEA - GENERAL PROGRAMS FOR MEDIA. Projects which do not fall into any of the other public media program categories may be considered under the National Endowment for the Arts General Programs. They may be one-time or on-going projects, but in every case they must fit into the overall Public Media Program guideline of being responsible to the needs and aims of the field. For further information, contact: Public Media Program, Mail Stop 552; National Endowment for the Arts; Washington, DC, 20506. DEADLINE: July 15, 1977.

NIE - ORGANIZATION PROCESSES AND EDUCATION GRANTS. The purpose of this program is to support studies of how elementary and secondary schools and school districts carry out essential tasks of any organization, such as setting goals, finding resources, assigning work, identifying and solving problems, monitoring performance, and adapting to changing times. For further information, contact: Research Staff, Group on School Capacity for Problem Solving; National Institute of Education; Mail Stop 4, 1200 - 19 Street, NW; Washington, DC, 20208. DEADLINE: July 15, 1977.

SIMULATION RESEARCH GRANTS. General Electric has announced an August 1 deadline for proposals to improve the quality of computer simulation work by making possible the demonstration of new techniques, the development of new tools, the application of the techniques of digital simulation to new problems, and the dissemination of information concerning these tools, techniques, and applications. For further information, contact: Dr. Marvin W. Bunker, Grants Committee Chairman; Annual Simulation Symposium; General Electric Company; Post Office Box 2500; Daytona Beach, Florida, 32015.

NEH - DEVELOPMENT GRANTS. Proposals may be submitted by August 1, 1977, to assist institutions in implementing plans for institution-wide reform to humanities instruction. For further information, contact: Director of Education Programs; National Endowment for the Humanities; Washington, DC, 20506.

ACLS FELLOWSHIPS. ACLS Fellowships are designed to provide opportunities for scholars to engage in research in the following fields: philosophy (including the philosophy of law and science); aesthetics; philology, languages, literature, and linguistics; archaeology; art history and musicology; history (including the history of science, law, and religions); cultural anthropology; and folklore. Proposals with a predominantly humanistic emphasis in economics, geography, political science, psychology, sociology, and the natural sciences will also be considered. Applicants must be not more than 50 years of age at the time of the deadline for application. DEADLINE: September 30, 1977
NEA - PROGRAMMING IN THE ARTS GRANTS PROGRAM. Matching grants are available to support production, research and development designed to improve the quality of arts programming on film, television, and radio by professional persons or organizations. Contact: Public Media Programs, Mail Stop 552, National Endowment for the Arts, Washington, DC, 20506. DEADLINE: September 15, 1977.

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EXXON FOUNDATION - EDUCATIONAL RESEARCH AND DEVELOPMENT. The Exxon Educational Foundation has set the next deadline for Educational Research and Development Projects for September 1. Supported are projects which will lead to wide improvement in instruction, administration, or physical facilities utilization in higher education. Three types of project activities receive support: (a) pilot projects, (b) developmental efforts, and (c) an examination or analysis of practices, trends, and developments in higher education. Projects should enhance the effectiveness of educational processes and must have the potential for benefiting a broad segment of higher education. Institutions must assure continuance of successful pilot and development projects after Foundation support has ended.

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CALIFORNIA COUNCIL FOR THE HUMANITIES IN PUBLIC POLICY. The California Council for the Humanities in Public Policy, a state-based affiliate of the National Endowment for the Humanities, announced a program of grant support for projects which relate the humanities to important issues of public policy. Typical projects funded under the program are town meetings, conferences, public forums, radio and television programs, workshops, and seminars. Fundamental to any funded activity must be a balanced exchange of views among scholars, policy-makers, and other representatives of the public on actual or potential questions facing public decision. Generally projects fall into one or more of the following categories: (1) PUBLIC FORUMS AND CONFERENCES - projects which seek to stimulate wide involvement of a cross-section of the general public. (2) WORKSHOPS FOR SELECTED SCHOLARS, DECISION-MAKERS, AND PUBLIC REPRESENTATIVES - projects which are designed primarily to create a structured interaction among humanists and selected groups of decision-makers, professionals, and other designated constituencies. (3) MEDIA PROGRAMS - projects which employ radio, television, film, videotape, newspapers or other means of mass communications to reach a mass audience. (4) EXPLORATORY SEMINARS - projects which are designed primarily to encourage creative thinking among humanities scholars and others on contemporary issues of public policy. DEADLINES: July 31, 1977; October 31, 1977; January 31, 1978."

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NSF - TECHNOLOGY ASSESSMENTS IN SELECTED AREAS. As part of the NSF Research Applied to National Needs (RANN) Program, the Division of Exploratory Research and Systems Analysis (ERSA) of the Directorate for Research Applications has annually allocated approximately $1,500,000 for the performance of technology assessments. While the program focus will remain on substantive technology assessments, increased support will be provided for studies that center on methodological improvements and studies to enhance the utilization of results. Guidelines are available for review in Administration 317.

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ACLS GRANTS-IN-AID FOR RECENT RECIPIENTS OF THE PH.D. The program provides grants-in-aid for scholars engaged in the preparation of dissertation research for publication, or, in special cases, other work leading to a first substantial publication. Applicant's Ph.D. degree must have been conferred no earlier than July 1, 1975. The deadline for receipt of applications is September 30, 1977. Awards will be announced within four months after this date.

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