FRAWLEY TO BE NEXT CONVOCATION SPEAKER

Patrick J. Frawley Jr., chairman of the board of Schick, Incorporated, and founder-owner of the Paper Mate Pen Company until 1955, will be the next convocation series speaker at Cal Poly. Frawley will speak in the Cal Poly Theatre at 11 am on Tuesday, March 12. Admission will be free and the public is invited to attend. Frawley's address will be co-sponsored by the university and the officers of Associated Students, Inc.

Born 50 years ago in Nicaragua, Frawley began his business career as an importer-exporter in 1942. Since 1945, he has served as chairman of the board of seven major corporations. Besides receiving honorary degrees from three universities, he has been honored for outstanding citizenship by both the nation's food industry and the American Security Council.

VANCE LEWIS APPOINTED TO TEACHER LICENSE BOARD

Vance D. Lewis, retired associate dean of the School of Science and Mathematics at Cal Poly, has been appointed by Governor Ronald Reagan to the State Commission for Teacher Preparation and Licensing, which sets training standards for California elementary and secondary school teachers.

Lewis, 64, a resident of San Luis Obispo since 1946, was a professor of physics at Cal Poly and later served as associate dean until his retirement two years ago. A member of the County Commission for School District Organization, he was also president of the County Board of Education from 1956 to 1966.

Lewis is one of six persons recently appointed to the state licensing commission. The function of the commission, he said, is setting and enforcing teacher training standards in accordance with the Ryan Act, which goes into effect in December and calls for more stringent requirements than are now in effect.

FULBRIGHT-HAYS APPOINTMENTS AVAILABLE FOR 1974-75

Preliminary review of applications for senior Fulbright-Hays awards for all or part of the academic year 1974–75 has revealed a need for additional candidates for a number of appointments. A listing of awards to be granted is available in the Office of International Education, Tenaya-138.

All of the openings, with the exception of a research award in Kuwait or another Arab Gulf State, are lectureships, most of which allow time for research. Grants are available in the following fields: agriculture, American studies, architecture and regional planning, biochemistry, economics and business administration, education, engineering, English (as a foreign language), geology, linguistics, literature, mass communications, mathematics, physics, and public administration.
AFFIRMATIVE ACTION OFFICER FOR CSUC APPOINTED

Herbert L. Carter has been appointed Affirmative Action Officer for The California State University and Colleges. Carter was Executive Director of the Los Angeles County Commission on Human Relations for six years beginning in 1967 and has served as a consultant to the State Department of Human Resources Development.

His appointment coincides with completion of the 19-campus system's 1973 employment survey. The survey shows both numerical and proportionate increases in the hiring of women and minorities, along with a trend suggesting their placement in positions of somewhat greater responsibility and compensation.

Though the increases in hiring (from 8,860 to 10,334 women and from 3,405 to 4,549 minorities over a 21-month period) are regarded as appreciable, Chancellor Glenn S. Dumke said more effort is needed in keeping with a January 1974 Affirmative Action Policy Statement of the Board of Trustees.

As Executive Director of the Los Angeles County Commission on Human Relations, Carter received the city's Distinguished Service Award and was honored as 1970's "Man of the Year" in human relations. Since 1964 he has been a consultant to the Economic Resources Council and radio and television stations, as well as to the State Department of Human Resources Development.

INFORMATION SOUGHT RELATING TO MARINE SCIENCE

In order to have a better understanding of the total resources of the university related to technology and marine science, the Advisory Committee on Marine Science and Technology is attempting to compile a listing of faculty members with expertise and interest in this area, according to David R. Saveker (School of Architecture and Environmental Design), chairman of the committee. As structured, this committee has representation from four of the seven instructional schools and the individual committee members have the responsibility for gathering information from their schools.

Saveker noted however that the Schools of Communicative Arts and Humanities, Human Development and Education, and Business and Social Sciences are not represented. Because of this he is anxious to include related courses and faculty members with experience and interests in marine science and technology from these schools. He also pointed out that the committee's interest is not limited to a narrow definition of marine science, but extends to inland waters as well as coastal areas.

Saveker requested faculty who would like to be included in the listing to send their names along with a description of their professional experience and/or avocational interests in marine science and technology to Howard West (Associate Dean, Resources and Planning), Adm. 413, secretary of the committee.

SURVEY REPORT RECEIVED ON CAMPUS

Donald L. Shelton (Director of Personnel Relations) has announced that the 1973 Report of Employment Survey Within the California State University and Colleges of Women and Members of Various Ethnic Groups has been received on campus. For faculty or staff members desiring to review this report, copies are available in the library and in the Personnel Office.
SHAKESPEARE LIVES AGAIN IN "CRY OF PLAYERS"

Opening night is rapidly approaching for the student-faculty cast of William Gibson's A Cry of Players, the winter quarter stage production of the Speech Communication Department at Cal Poly. Performances will run from Thursday, Feb. 21, through Saturday, Feb. 23. Each performance will begin at 8 pm in the Cal Poly Theatre. Tickets, available at the door, will cost $1 for students and $2 for the general public.

Gibson's play, directed by Robin Lake (Speech Communication), is a fictionalized reconstruction of William Shakespeare's life as a young man in Stratford. The principal characters are Will and his wife, Anne, along with Will Kemp, leader of a group of traveling players, and Sir Thomas, the owner of the village.

Will, the lead character, will be played by Steve Patterson, an English major from Orinda, who played the lead in Cal Poly's production of Thomas Payne last spring. He has played in Shakespeare's King John, Edward Albee's The American Dream, and in two San Luis Obispo Little Theatre productions. Judy Caswell, another English major, will play Anne. A junior, her experience includes Cal Poly's production of The Adding Machine last quarter. Patrick Chew, a speech communication major, will play the part of Will Kemp. A junior, his experience includes parts in The Adding Machine and Thomas Payne and work with children's theater.

ACADEMIC DEADLINES ANNOUNCED

Gerald N. Punches (Registrar) announced that the seventh week of instruction ends at 5 pm, Friday, Feb. 22. This date is the deadline for: submitting a petition to withdraw from a course (The university catalog states, "Except for university recognized emergencies, no withdrawals from a course will be permitted after the end of the seventh week of instruction."); submitting a petition to take a course credit/no-credit; submitting a petition to repeat a course (If you are repeating a course winter quarter in which you have previously received a D or F grade from this university, you must file this petition in the records office to ensure the recalculation of your Cal Poly gpa.)

WINTER BAND CONCERT PERFORMANCE SCHEDULED

Now that football season is over, many of the members of the Mustang Marching Band at Cal Poly have settled down to prepare for the 8th annual Winter Concert. The program, scheduled for 8:15 pm on Saturday, Feb. 23, will take place in Chumash Auditorium.

The Cal Poly Symphonic Band, the Cal Poly Studio Band, and the newly-formed Clarinet Quartet, will perform the concert sponsored by the Associated Students, Inc., and the University's Music Department. The 75-member Symphonic Band, with most of its members from the marching band, is one of the largest symphonic bands on the West Coast.

The Studio Band is a 19-piece ensemble specializing in modern rock and contemporary jazz. It is led by Charlie McDowell, a senior majoring in both mathematics and computer science. The Clarinet Quartet is a group of soprano clarinet players under the direction of woodwind specialist, Virginia Wright, a part-time member of the music faculty and former principal clarinetist of the Portland Symphony Orchestra.

William V. Johnson (Music) director of bands says, "A highly successful season of football half-time shows by the marching band this past fall has served as a springboard for the 1974 Cal Poly Symphonic Band concert series."
REQUEST FOR SUMMER EXTENSION COURSE PROPOSALS

Last summer several extension courses were successfully offered through Cal Poly extension. The university's Office of Continuing Education will again offer summer extension courses and publicize them with the university's summer session publications. If faculty members wish to teach an extension course during the summer, they should contact the Office of Continuing Education, Adm. 317, or call ext. 2053, to secure the required forms. Deadline for summer extension course proposal forms to be received in the Office of Continuing Education, after receiving departmental and school approval, is Tuesday, Feb. 26.

NOTED VIOLIST TO APPEAR WITH CAL POLY ORCHESTRA

Viola soloist Peter Mark, who won wide acclaim last year during a European tour, will appear in concert with the Chamber Orchestra at Cal Poly. The concert is sponsored as part of the Fine Arts Series by the Music Department in association with the Fine Arts Committee of the Associated Students, Inc. It will be performed Friday, Mar. 1, at 8:15 pm in the Cal Poly Theatre.

Clifton E. Swanson (Music), conductor of the Chamber Orchestra, announced that the concert program will consist of Beethoven's Symphony No. 1 in C major, Op. 21; Hindemith's Trauermusik (Music for Mourning); Telemann's Concerto in G major for Viola and Strings; and Vaughan-Williams' English Folk Songs Suite. Peter Mark will be featured in the ensemble's performance of the Hindemith and Telemann pieces.

Currently an associate professor of music at the University of California, Santa Barbara, Mark has performed in solo recitals and chamber music and orchestra performances. His appearances include a State Department tour of South America as principal violist with the Robert Shaw Choral and Orchestra, an American tour with pop folk-singer Donovan and Jazz flutist Paul Horn and a European tour with his wife, composer-pianist Thea Musgrave.

Mark is a graduate of Columbia University and the Juilliard School of Music. He has studied with Joseph Fuchs, Lillian Fuchs, Walter Trampler, and William Primrose. His honors include the Elias Lifschey Viola Award, the Woodrow Wilson Fellowship, and two appointments to the Creative Arts Institute of the University of California.

BONSAI WORK EXHIBIT WELCOMES SPRING

Faculty and staff members and their families are cordially invited to join in welcoming the spring by attending the festive bonsai display from 8 to 10 pm, Wednesday, Feb. 27, in the corridor and lab A of the Ornamental Horticulture unit. The panoramic display and open-house will exhibit the living miniature trees and landscapes that have been trained and created by the students enrolled in the "Bonsai: Technique and Care" extension course. The oriental atmosphere will enhance the traditional Far Eastern custom of greeting the new spring.

CSEA "ROARING TWENTIES" TICKETS GOING FAST

Tickets for the CSEA "Roaring Twenties" dinner/dance on Feb. 23 in the Veterans Memorial Building, are going fast. Tickets can be purchased from Howard C. Brown (Ornamental Horticulture), F. Stuart Chestnut (Men's Physical Education), Dorleigh White (Power Plant), Dora L. Harter (Admissions), Dotti Munro (Mail Room), Ruth Gran (Health Center), George G. Cowgani (Crops Science), and Joan Stadt (Library).
CATAPULT CONTEST GETS NEW POWER

A new division with less stringent restrictions on sources of power has been added to the catapult contest being planned as part of the 1974 Engineering Week program at Cal Poly. Dan Knowlton, chairman for the event which is scheduled for 11 am, Thursday, Feb. 21, on the lawn in front of the Dexter Library on campus, said the "display" class will permit entrants to use either compressed gas or electrical sources to power their catapults. The mechanical class will continue to limit entrants to mechanical sources of power. Explosive or other chemical means of propulsion are prohibited from both classes.

Most other rules for the competition, which began as an Engineering Week feature at Cal Poly last year, will remain the same. All entries must be less than two feet wide, 3 feet long, and 2 feet high. Winners will be determined on how far the respective entrants can throw a regulation tennis ball. Knowlton, noting that the winning distance last year was 179 feet, said the contest is open to all Cal Poly students.

Like other events scheduled as part of Cal Poly's Engineering Week, the catapult contest is being sponsored by the student council of the university's School of Engineering and Technology. The week long program of campus events will coincide with National Engineers Week, an annual observance sponsored by the National Society of Professional Engineers.

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:

**Instructors, intermediate and Senior; Lecturers, Range C - F ($900-$1466/month) paid in four monthly payments for each quarter. School of Architecture and Environmental Design. Positions available: winter and spring quarters 1974 and 1974-75 academic year. Duties and responsibilities include the areas of architecture and landscape architecture. Applicants should be prepared to submit a brochure of original work for review, must possess a master's degree, and have office or field experience. Minority group members and women are encouraged to apply.**

**Lecturer, Range C ($10,800-$13,128/annually) paid in twelve monthly payments for academic year. Mathematics Department, School of Science and Mathematics. Position available: September 1974. Duties and responsibilities include teaching undergraduate courses in mathematics including some night classes. Need for specialists in elementary mathematics education and/or applications of mathematics to agriculture. Applicants should possess the doctorate in mathematics or an appropriate field with teaching experience at a career-oriented university. Minority group members and women are encouraged to apply.**

**Intermediate Instructor ($10,800-$13,788/annually) paid in twelve monthly payments for academic year. Mathematics Department, School of Science and Mathematics. Position available: September 1974. Duties and responsibilities include teaching undergraduate courses in mathematics including some night classes, student-advisory activities and committee assignments. Need for specialists in elementary mathematics education and/or applications of mathematics to agriculture. Opportunity to teach upper division and graduate courses in specialty as one progresses. Applicants should possess the doctorate in mathematics or an appropriate field with teaching experience at a career-oriented university. Minority group members and women are encouraged to apply.**

SUPPORT STAFF VACANCY LISTED

A vacant support staff position has been announced by S. Milton Piuma (Staff Personnel Officer). Descriptions of the position 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 position is:

**Clerical Assistant III-A ($649-$770), Records Office, Student Affairs Division. Duties and responsibilities include processing, updating and correcting student records in University records office, maintaining Permanent Record Cards and students personnel folders. Applicants must be high school graduates with typing proficiency and two years of clerical experience preferably in a college or university student records office.**
Owen L. Servatius (Acting Dean, School of Business and Social Sciences) gave the commencement address at the California Men's Colony, San Luis Obispo, on Jan. 30. Commencement exercises graduated the following men at the Men's Colony: elementary graduation (40), vocational certificates (25), correctional industries certificates (23), and high school graduation (26). He also addressed the National Workshop for Home Furnishing Specialists at the Altamira Hotel, Sausalito, California, on Feb. 2. The specialists came from the fifty states of the Union and are college professionals working with cooperative extension programs in the United States.

Robert J. Rodin (Biological Sciences) presented a seminar at the University of California, Berkeley, Feb. 1, entitled, "The Ethnobotany of the Kwanyama Linguistic Group, an African Tribe in Transition."

Jack B. Jones (Education) has been re-elected to serve on the California Reading Association executive board. Jones has been active with the association for the past two years and served on the board during 1973.

Earl D. Huff (Political Science) participated in a meeting of the statewide committee on collective bargaining of the California College and University Faculty Association on Feb. 8 and 9 in Los Angeles. The committee is the CCUFA policy-making body for matters relating to collective bargaining in higher education.

Robert L. Hoover (Social Sciences) has been notified that his article, "An Unusual Stone Effigy from Southern California," has been published in the January-March issue of Masterkey by the Southwest Museum.

Walter P. Schroeder (Head, Education) participated in the meeting of the Association of California School Administrators Higher Education Committee on Jan. 24 in Burlingame. The newly formed committee discussed such topics as communication channels, professional development, working relationships, and the use of paraprofessionals and part-time people in the schools.

EL CORRAL ANNOUNCES FIRST "WHITE ELEPHANT" SALE

Selected books used in previous quarters, xeroxed manuals, art/technical supplies, stationery and gifts are some of the categories of items which will be sold at special very low prices during El Corral's first "white elephant" sale. The items on sale include shop-soiled but usable items. The sale starts on Tuesday, Feb. 19, and continues through Friday, March 1.

I believe in conserving energy!
Preparing Proposals for NSF. The National Science Foundation (NSF) will receive over 25,000 proposals this year. These are funneled through a mailroom and a Central Processing Unit before being forwarded to an individual program at the Foundation. It facilitates the processing of proposals if each copy is firmly stapled in the upper left-hand corner. Addenda, reprints, etc., if applicable, should be attached to each proposal. Also, the proposal processing procedures depend heavily on the use of social security numbers to identify principal and co-principal investigators. Institutions and faculty members submitting proposals should include social security numbers on all copies to avoid delays in processing. Somewhat similar directions apply to almost any other Foundation or agency, except that some agencies don't want the proposals stapled. Call extension 2982 for the Guide for the Perplexed.

NSF-sponsored Project COMPUTe. (Computer Oriented Materials Production for Undergraduate Teaching). The National Science Foundation is offering financial support to faculty members for writing and publishing materials stressing student use of computers. The project aims to identify material--such as undergraduate textbooks, monographs, workbooks, and lab manuals--that can be worked into a publishable form during a concentrated writing period at Dartmouth College during the 1974 summer. Potential authors are now being sought in the physical, biological, and environmental sciences, for writing projects to begin between now and June. For further information, write Project COMPUTe, Kiewit Computation Center, Dartmouth College, Hanover, New Hampshire, 03755.

NSF Program Deadlines

March 1, 1974 - Faculty Research Participation. (For industrial laboratories wishing to conduct projects--not for participants.) On or about May 1, 1974, there will be published the Directory of Faculty Research Participation (E 74-23) listing the supported projects to which college and university faculty may apply for participation during the summer of 1974.

April 1, 1974 - Faculty Fellowships in Science Applied to Societal Problems. (For college teachers with five or more years of academic experience.) Request brochure E 74-16 in the Research Office.

CREH Grants. The Council on Research in Economic History (CREH) is offering up to $1,200 to supplement fellowships or support postdoctoral research in economic history. For further information, contact: Louis Galambos, Secretary, Department of History, Johns Hopkins University, Baltimore, Maryland, 21218.
APS Grants. The American Philosophical Society (APS) is awarding up to $2,000 in grants-in-aid and up to $5,000 in postdoctoral research grants to promote and support research in all fields of knowledge. Letters of inquiry are required prior to application requests. For further information, contact: Dr. George W. Corner, Executive Officer, American Philosophical Society, 104 South 5th Street, Philadelphia, Pennsylvania, 19106.

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Environmental Education. The Office of Education has announced (Federal Register, January 31, 1974) that applications for project grants in environmental education must be received by March 8, 1974. Proposed rules were published the preceding day (Federal Register, January 30, 1974).

Priority areas for funding of General Projects are: (1) resource material development projects, (2) personnel development projects designed primarily for educators associated with grades 7 through 12 and for personnel in other fields where decision and activities have an impact on environmental problems and environmental education opportunities in schools, communities, and elsewhere, (3) community education projects, and (4) elementary and secondary education projects. Proposals for migrant workshops may also be included.

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NSF Leadership Specialist Projects. The National Science Foundation (NSF) has announced that more than 10,000 educators will receive training this summer and during the following school year to help introduce new science and mathematics courses in elementary, junior, and senior high schools. The Leadership Specialist Projects normally last from several days to several weeks during the summer, and many projects involve follow-up sessions during the school year. NSF grants are made to assist participants in meeting their expenses such as travel or lodging. Participants are selected by the individual project directors, not by NSF. Inquiries and requests for applications should be directed to the appropriate project director. The list of projects, titles, dates, etc., is available in the Research Development Office (Administration 314).

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OCD Grants Program. The Office of Child Development (OCD) has established March 22 as the deadline for receipt of proposals for its 1974 Research and Demonstration Program. OCD has issued specific guidelines indicating priorities, criteria, issues, and tasks. Priority areas are: (1) television and children, (2) child development and the family, (3) children at risk and the child welfare system. For further information, contact: Ms. Barbara Rosengard, Research Coordinator, Research and Evaluation Division, Office of Child Development, P. O. Box 1182, Washington, D.C., 20013. (202) 755-7758.

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OE Vocational Education. A receipt date of March 20 has been set by the U. S. Office of Education (OE) for proposals to develop curricula and supporting instructional materials and install strategies or models for training vocational education specialists at the graduate level. Contact: Mrs. Marion J. Washington, U. S. Office of Education, Contracts and Grants Division, Occupational and Adult Education Branch, ROB #3, Room 4325, 7th and D Streets, S. W., Washington, D. C., 20202.