

Cal Poly Report

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1983 Poly Royal court chosen

Adrienne Lefebvre, a 21-year-old industrial technology senior from Piedmont, was selected as the 1983 Queen of Poly Royal in a pageant held on the Cal Poly campus. She was sponsored by the Industrial Technology Society.

First runner-up princess is Vera Otto, a 22-year-old agricultural management senior, sponsored by the Rodeo Club.

Other princesses are: Susan Elliott, a 19-year-old journalism major, sponsored by the California College Republicans; Laurie Lee Jones, a 20-year-old industrial technology junior, sponsored by the University Union Craft Center; and Nancy Gin, a 21-year-old liberal studies senior, sponsored by the Chinese Students Association.

The theme for Poly Royal 1983 is "Excellence Through Experience."



Placement Center open house

The Placement Center is planning an open house and tour of its new facility on Tuesday, March 15, from 1 to 4 pm. The move to Heron Hall (Building 117) took place at the beginning of Winter Quarter, and students seeking part-time jobs and permanent employment quickly became familiar with the new facility.

This Open House is designed for faculty and staff who have been unable to visit during the busy academic quarter. Guests can tour the interviewing rooms, the resource library, part-time job and work-experience areas, as well as staff offices. Refreshments will be served.

Atlantic Richfield donates \$100,000

Cal Poly's new and futuristic Computer-Aided Productivity Laboratory has been given another boost by industry in the form of a \$100,000 donation from the Atlantic Richfield Foundation. This latest gift from ARCO brings to \$110,000 the total it has contributed toward the computer lab, which is being used this quarter for the first time. ARCO's initial \$10,000 gift was part of the "seed" money that helped start the project in 1982.

Cash and equipment donations for the laboratory from ARCO and other companies now total almost \$923,000. It is estimated that the cost to expand and develop it fully over the next few years will total about \$3.8 million. Most of the support so far has come from business and industry.

In addition to ARCO, major contributors to the lab have included International Business Machines Corp., Standard Oil of California, and two subsidiaries of Lockheed Corp. — CADAM Inc. and Lockheed Missiles and Space Co. Inc.

Other cash contributors included TRW, Litton Industries, and the McDonnell Douglas Foundation.

The newly operational lab, now used mainly for computer-aided design, is located in the Computer Science Building. Research and instruction in computer-aided manufacturing are in progress a half-mile away in the Engineering Technology Department's Manufacturing Processes Laboratory.

NSF grant for geophysicist

Cal Poly physics professor Kenneth Hoffman has received confirmation of a \$93,000 grant from the National Science Foundation to continue his research into changes in the Earth's magnetic field.

The NSF grant will pay the costs of a trip to Australia and New Zealand to gather rock and sediment samples, plus the expenses of analyzing them and publishing the results—a process that will take about two years. Hoffman will make the six- to eight-week trip during the Spring Quarter.

Hoffman's specialty is paleomagnetism, the history of the Earth's magnetic field. He achieved international recognition in 1977 as the first to discern a pattern in the geomagnetic reversals that have occurred several times every million years. Since then he has remained at the forefront of paleomagnetic research.

Professor writes chapter on stress

Cal Poly management professor Rolf E. Rogers is the author of a chapter on comparative organizational stress research in a new book edited by the originator of the stress concept.

The book is "Selye's Guide to Stress Research, Vol. 2," edited by the late Hans Selye and published by Van Nostrand Reinhold Co., New York. It includes chapters by various experts on a broad spectrum of stress-related problems. The book is intended to scrutinize the most current and influential developments in the field.

Rogers, a member of the Cal Poly faculty since 1975, became internationally known in the mid-1970s for his research into organizational and managerial stress. He has written five books and numerous articles on management, business administration, and behavioral science. His most recent book, "Organization and Management Theory," published last year by John Wiley and Sons, New York, was co-authored by Robert H. McIntire, head of Cal Poly's Management Department.

Service Awards Luncheon

Today (March 10) is the last day to purchase tickets for the Service Awards Luncheon sponsored by the University Club on Thursday, March 16, at 11:30 am in Chumash Auditorium. Tickets may be purchased from: Mary Bachino, ext. 2491; Helma Cementina, ext. 2676; Dodie Imel, ext. 2649; Evelyn Little, ext. 1237; Fred Kelley, ext. 2195; Jim Neelands, ext. 2022; Ethel Spry, ext. 1281; and Sandy Tuttle, ext. 1316. All faculty and staff are invited to attend.

For the fun of it!

Recreational Sports will continue its programs for faculty and staff during Spring Quarter. These include the early bird, afternoon and family swims.

New activities scheduled include: Saturday racquetball, golf league, horseshoes, archery, bowling, chess and earthball. Stop by the Recreational Sports Office, UU 104, for sign-ups and more information.

Instead of driving. . .

Students, faculty and staff may purchase bus tokens at the University Union Information Desk for 25 cents. This is half of the regular price because the program is being subsidized by the university. Discount prices on bus passes are also available.

API call for proposals

The Chancellor's Office has recently advised the 19 CSU campuses of the call for proposals for faculty interested in seeking an Academic Program Improvement grant in 1983-84.

Academic Program Improvement grants are designed to assist faculty in developing imaginative approaches to improving education for CSU students. The categories of proposals are:

1. Academic Excellence in High School Preparation
2. Academic Excellence in the Undergraduate Curriculum
3. Partnerships in Professional/Technical Fields and the Liberal Arts
4. Academic Excellence in Teacher Preparation
 - a. To improve advisement of prospective teachers
 - b. To revise curricula to promote excellence in both undergraduate and professional levels of teacher preparation
5. Improving Instruction in Introductory Mathematics

Proposals must be submitted, via the department head and dean, to Vice President Fort by April 8. Details regarding format, submission procedures, and forms are available in the office of the school dean or by contacting Frank Lebens in Academic Programs, ext. 2051.

Foundation Board meeting

The Board of Directors of the California Polytechnic State University Foundation will hold a regular meeting on Friday, March 18, at 9 am in Admin. Bldg., Room 409, on the California Polytechnic State University campus in San Luis Obispo, California. This is a public meeting. For further information about this meeting or to obtain a copy of the meeting agenda, contact Al Amaral (Executive Director, Cal Poly Foundation) in Fisher Science Hall 290 or call ext. 1131.

Mesler retirement coffee

A retirement coffee will be held for Florence H. Mesler, R.N., N.P., on Friday, March 18, from 2 pm to 4 pm on the patio of the Cal Poly Health Center.

Florence has been employed at the Health Center for 21 years and has been a pioneer in family planning in the CSU. Her skills, training, and experience are appreciated by her associates, and she is a highly valued member of the Health Center. While on campus she has been a member of the Staff Senate, a member of the Executive Committee of the Administrative Grievance Panel, and has also served on the Health Center Administrative Team.

Who, What, When, Where

Richard J. Krejsa, Biological Sciences, has been appointed "Visiting Scholar" at the Museum of Comparative Zoology, Harvard University, Cambridge, Mass., during his sabbatical leave through August 1983. Topics of his lectures there have been: "The Role of Entropy in Fish Morphogenesis," to the MCZ Fish Department Study Group, Nov. 23; "Factors Affecting Resource Use and the Agricultural Labor Force in California," to a class in the Department of Anthropology, Dec. 10; and "Energy, Policy, Politics, and Nuclear Power: A Case Study of the Diablo Canyon Nuclear Power Plant in California," to a natural resources, environment, and society class Feb. 28.

Bianca Rosenthal, Foreign Languages, read a paper, "Die Spätlyrik Paul Celans: Realität und Transformationen" at the Modern Language Association Conference Dec. 27-30 in Los Angeles. She also had an article, "Der Alfred Margul-Sperber Nachlass," published in *Zeitschrift für Kulturaustausch* 32, Jg. 1982/83. Vj.

Tomlinson Fort, Jr. Academic Affairs, had a paper, "Theory of Drop Size and Phase Continuity in Microemulsions," published in the January 1983 issue of the *Journal of Colloid and Interface Science*.

Joseph C. Dunstan, Landscape Architecture, had an article, "Design with Nature 14 Years Later," published in the January 1983 issue of *Landscape Architecture* magazine. Dunstan also provided the art work for the cover.

John C. Phillips, Crop Science, observed pulse improvement programs at the International Crops Research Institute for the Semi-Arid Tropics and other institutions during a stay in India from Jan. 25 to Feb. 12. At ICRISAT Phillips reported on chickpea breeding for wilt resistance in California; he delivered a seminar on the same topic at Haryana Agricultural University.

Lark P. Carter, School of Agriculture and Natural Resources, recently returned from serving as one of two U.S. delegates to the Seventh International Working Conference on Higher Education in Agriculture sponsored by the Organization for Economic Cooperation and Development in Paris, France. The conference focused on adjustment of higher education in agriculture in the light of expected changes in societies and the agro-food system in the 1980s and beyond.

Steve Blank, Agricultural Management, (on leave with the Australian Bureau of Agricultural Economics) has had a research monograph, *An Economic Evaluation of Australian Dairy Pricing Policies*, published by the Australian Government Publishing Service. The monograph also was presented as evidence to the Australian government's Industry Assistance Commission's inquiry into the dairy industry which lead to changes in the marketing and pricing arrangements for the industry.

James A. D'Albro, Ornamental Horticulture, recently completed the 1983 Basic Short Course in Horticulture offered by the University of California Cooperative Extension in the California Association of Nurserymen. D'Albro was awarded a Certificate of Achievement for successfully completing five sessions of the short course. The course was designed to develop knowledge and elevate the standards of the ornamental horticulture industry in California.

Satwant Rihal, Architectural Engineering, was an invited speaker at the 1983 Annual Meeting of the Earthquake Engineering Research Institute Feb. 11-12 in Reno, Nev. He presented a status report "Dynamic Tests of Partitions and Ceilings" of the NSF-sponsored research project now in progress in the School of Architecture and Environmental Design. He was an invited participant in a meeting Feb. 9, also in Reno, of the Working Commission on Earthquake Hazard Mitigation established by the International Council for Building Research Studies and Documentation (CIB).

William Sydnor, Learning Assistance Center, presented a workshop, "Teaching Students Concentration Skills," at a meeting of the California Personnel and Guidance Association (CPGA) in Los Angeles Feb. 19. The presentation included techniques and resources which have been used to teach students how to concentrate and also featured a series of slides illustrating environments that enhance or detract from concentrating.

Maria Elena Ortiz, Biological Sciences, served as a consultant for the U.S. Department of Education to review grant proposals for fellowships under provisions of the Graduate and Professional Opportunities Program (G&POP), in Washington, D.C., Jan. 17-20.

Willie Coleman, Activities Planning Center, has had a poem published in the book, *A Common World: Courses in Women's Studies for Rural and Urban Communities*, 1983, U.S. Dept. of Education, Women's Educational Equity Publishing Center.

David Henry, Speech Communication, presented a paper, "A Man and His Medium: Reagan on Radio," at the Western Speech Communication Association convention in Albuquerque Feb. 20.

Allen K. Settle, Political Science, presented a paper titled "California Water Competition" at the Western Regional Science Association in Honolulu, Feb. 25.

Rolf Monteen, Natural Resources Management, received a certificate of recognition from the National Wildlife Federation and Americans for the Coast for the work he did on the Coastal Barrier Resources Act last year.

Jay Devore, Computer Science and Statistics, has had a 3rd printing in less than a year of his book, *Probability and Statistics for Engineering and the Sciences*. The book is being used in classes at more than 60 colleges and universities.

Thomas A. Van, English, chaired a section on "Jungian Interpretation and Contemporary Literature" at the IXth Annual Conference of the Southern Comparative Literature Association in Lexington, Va., Feb. 24-26.

Bill Michaud, Agricultural Education, was keynote speaker Feb. 24 at the Salinas Production Credit Association "Computer Application in Agriculture" Discussion/Trade Fair. The topic was "Micro-Computer? Man of the Year."

Robert L. Hoover, Social Sciences, has received a grant from the Smithsonian Institution to study the California Indian field notes of John Peabody Harrington at the National Anthropological Archives in Washington, D.C., during August 1983.

Robert Reynolds, Art, has been notified that his watercolor painting, "Snow Pattern," has been accepted in the juried "Third Annual California Watercolor and Drawing Survey." The art exhibition is being held at the Humboldt Cultural Center, March 3-31, in Eureka.

Dateline

(\$) - Admission Charged

(!) - Admission Free

FRIDAY, MARCH 11

Last day of classes for Winter Quarter.

Student study lists/receipt mailers distributed for Spring Quarter.

Men's Tennis: California State University, Los Angeles. Upper courts, 2 pm. Public invited. (!)

SATURDAY, MARCH 12

Softball: California State University, Dominguez Hills. Softball field (adjacent to racquetball courts), noon. Public invited. (!)

MONDAY, MARCH 14

Winter Quarter final examination period, continuing through Friday (March 18).

TUESDAY, MARCH 15

Open House: Tour the new Placement Center in Heron Hall, 1-4 pm. Faculty and staff invited. Refreshments served. (!)

WEDNESDAY, MARCH 16

Luncheon: Annual Service Awards Luncheon. Chumash Auditorium, 11:30 am.

Sponsored by the University Club. Faculty and staff invited; tickets must be purchased by March 10. (\$)

FRIDAY, MARCH 18

End of Winter Quarter.

Baseball: University of San Francisco. SLO Stadium, double-header beginning at 5:30 pm. Public invited. (\$)

Canoeing: Canoe trip down the Gila River in western New Mexico, continuing through Sunday (March 27). Transportation, food, group equipment, and canoes provided. Sponsored by ASI Outings. Sign up at Escape Route or call ext. 1287. Faculty, staff, and students invited (beginners welcome). (\$)

Backpacking: Backpacking trip into beautiful Havasu Canyon, continuing through Friday (March 25). Transportation, food, group equipment, and camping fees included. Sign up at the Escape Route or call ext. 1287. Faculty, staff, and students invited. (\$)

SATURDAY, MARCH 19

Academic Holiday for faculty and students, continuing through Sunday (March 27).

Baseball: University of San Francisco. SLO Stadium, 1 pm. Public invited. (\$)

MONDAY, MARCH 21

Last day to clear holds to prevent disenrollment for Spring Quarter.

THURSDAY, MARCH 24

Debate: Mustang Invitational Debate Tournament, continuing through Saturday (March 26). English Building and others. Sponsored by the Debate Squad. Public invited to observe. (!)

Men's Tennis: Grand Canyon College (Arizona). Upper courts, 1 pm. Public invited. (!)

FRIDAY, MARCH 25

Softball: California State University, Northridge. Softball field (adjacent to racquetball courts), noon. Public invited. (!)

Men's Tennis: Sonoma State University. Upper courts, 2 pm. Public invited. (!)

MONDAY, MARCH 28

Spring Quarter classes begin.

Position Vacancies

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. 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 Amendments Act and the Rehabilitation Act of 1973. All interested persons are encouraged to apply.

CLOSING DATE: 3-28-83

Lecturers, Foreign Languages, salary commensurate with qualifications and experience. Assignments for Fall, Winter, Spring and Summer Quarters 1983-84. The department is establishing a pool of applicants for possible part-time positions in French, German and Spanish. Duties include teaching one or more sections of elementary and/or intermediate French, German, or Spanish. Master's/doctorate preferred.

CLOSING DATE: 4-15-83

Lecturer, History, full-time leave replacement for 1983-84 academic year, \$19,044-\$22,896/academic year, dependent upon qualifications and experience. Duties include teaching required general education courses in Western Civilization and an upper division course in modern European or Russian history. Ph.D. required or advanced doctoral candidate with preference given to those with teaching experience.

Lecturer, History, Summer Quarter 1983 only, \$6,348-\$7,632/quarter, dependent upon qualifications and experience. Duties include teaching required general education courses in Western Civilization and an upper division course in modern European or Russian history. Ph.D. required or advanced doctoral candidate with preference given to those with teaching experience.

Assistant/Associate Professor, Agricultural Education, salary commensurate with qualifications and experience. Tenure track position available Fall Quarter, 1983. Duties include teaching agricultural mechanics for beginning teachers, advising students, assisting with co-curricular activities, and supervising student teachers. Master's degree required.

STAFF VACANCIES

Vacant staff positions at Cal Poly University and the Cal Poly Foundation are announced in this column and are posted outside the respective offices. Contact those offices (State: Adm. 110, 805-546-2236—Foundation: University Dining Complex, 805-546-1121) for applications and additional position details. Both Cal Poly and the Foundation are subject to all laws governing affirmative action and equal employment opportunity. All interested persons are encouraged to apply.

CLOSING DATE: 4-1-83

Supervising Public Safety Officer I (Sergeant), Public Safety Department, \$1908-\$2298/month.

Reminder

The March 17 *Cal Poly Report* will be the last issue of the Winter Quarter. Publication will resume in the Spring Quarter with the March 31 issue.

Typewritten, double-spaced copy must be submitted for the March 31 *Cal Poly Report* by Thursday, March 24.

