

CAL POLY

REPORT

California Polytechnic State University, San Luis Obispo 93407

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March 3, 1995

Applicants sought for pre-doctoral program

April 12 is the deadline for applications for the CSU's 1995-96 California Pre-Doctoral Program, designed to increase the number of faculty members from groups that are underrepresented in particular disciplines.

One of the program's objectives is to increase the number of CSU students entering graduate programs at UC campuses.

To be eligible, upper-division or master's-level students must be pursuing a degree in an area in which they are underrepresented.

The eligible groups are African Americans, American Indians, Filipinos, and Pacific Islanders in all majors; Asian Americans majoring in the arts, education, humanities, and psychology; Mexican Americans and other Latinos in any major except foreign languages; women in the agricultural sciences, computer information science, engineering, or physical sciences; and disabled students in all majors.

In addition, graduates and undergraduates should have a faculty sponsor and the potential for doctoral study. The students must be enrolled at a CSU campus as of spring 1995 and must be enrolled at a CSU institu-

tion for at least one term of 1995-96.

Each of the selected scholars will work closely with a CSU faculty sponsor to develop an overall plan that leads ultimately to enrollment in graduate school. Each of these plans will be tailored to the student's specific goals and career objectives.

The program provides:

- ✦ Travel funds for the student and faculty sponsor to visit Ph.D.-granting institutions and to attend a professional meeting appropriate to the student's development.
- ✦ Opportunity to apply for a summer internship for the student to participate in a 1996 research training experience.
- ✦ Funds for other related activities, such as membership in professional organizations and special research costs.

The students selected will be those considered by the selection committee to have the overall best potential for successfully completing a doctoral program.

For more information and an application, call Susan Opava, dean of research and graduate programs, at ext. 1508.

The selected scholars will be notified by June 16.

Communications plans new experts guide

The Communications office is beginning work on a new Cal Poly Experts Directory that will be sent to major national news organizations as well as news media statewide so reporters will be able to more easily locate Cal Poly people for expert information on topics in the news.

The new Experts Directory will be mailed to news organizations only and will not be used as a list of speakers.

All employees who would like to speak to local service groups and others will be listed in a separate Cal Poly Speakers brochure, which will be mailed to local news media and community organizations.

An Experts Information Survey was sent to all faculty and staff members last week, asking for information to be included in the new, media-oriented Experts Directory. Everyone – faculty, staff or emeritus – who feels qualified in any area is urged to fill out the survey and return it as soon as possible to the Communications office. Responses will be welcome anytime.

Please don't forget to include selected credentials as requested on the back of the form.

For an Experts Information Survey form or more information, call Communications at ext. 1511.

Electronic and Electrical Engineering now just Electrical Engineering

The Electronic and Electrical Engineering Department has changed its name to the Electrical Engineering Department, effective immediately.

The new name better reflects the program the department is offering and is more consistent with industry and other universities throughout the country.

Effective with the 1994-97 catalog, the department began offering only one B.S. degree. They changed to one course prefix with the 1992-94 catalog.

Juniors and seniors can still choose a curriculum oriented toward either electrical or electronic engineering.

The telephone number remains the same, ext. 2781.

Former Cal Poly prof, SJSU president retires

J. Handel Evans, president of San Jose State and former Cal Poly architecture professor, has retired.

Evans served the CSU for 28 years, beginning in 1967 as an architecture professor at Cal Poly. He later became associate dean, then left to become associate executive vice president at San Jose.

Talk set on women's role in economic development

Phyllis Davies, 1990 Poly Royal honored guest, will speak on the importance of women in developing countries from 12:10 to 1 pm Monday, March 6, in the Staff Dining Room.

Davies' talk, "Women and Development: Why Women Matter," will address such issues as:

- ✦ Why agriculture training focuses on men when – in many areas of the world – women do 80 percent of the agricultural work.
- ✦ How to nurture women as community leaders in developing countries.
- ✦ What makes family planning in developing countries successful.
- ✦ What consumption patterns reveal about the world population. For example, on average, one child in the United States consumes 37 times the resources that a child in a developing country consumes.

Davies is a 1966 agricultural business graduate. She has traveled to such places as Peru, Bolivia, Ecuador, Brazil, Guatemala, Mexico, Indonesia and Belize as part of her work with various non-profit organizations. The groups aim to help people identify and solve their own problems in agriculture, family planning, leadership, maternal and child health care, and reforestation.

The presentation is the last winter quarter presentation of the Women's Studies Lunch-Time Seminar series. For more information, call Cal Poly's Women's Studies Program at ext. 1525.

Speaker to discuss technology and society

"What Is Technology ... and What Can We Do About It?" will be presented by Carl Mitcham, director of the Science, Technology and Society Program at Penn State University, at 7 pm Thursday, March 9, in the Business Building lecture hall, Room 213.

Mitcham will give a broad overview – from the myth of the Tower of Babel to the information superhigh-

way – of different ideas about what technology is, the kinds of problems it can cause, and proposed responses to those problems.

He is currently the Hennebach Visiting Professor in Humanities at the Colorado School of Mines. His publications include "Philosophy of Technology," "Bibliography of the Philosophy of Technology" and "Thinking Through Technology: The Path Between Engineering and Philosophy."

The presentation is part of the College of Liberal Arts' Forum on Ethics, Technology and the Professions. For more information, call the Philosophy Department at ext. 2041.

Classroom groups topic of next FIDO talk

Mathematics professor Gary Epstein will give the next FIDO (Faculty Instructional Development Opportunity) Brown-Bag Lunch Seminar presentation, "Using Groups in the Classroom," at noon Tuesday, March 7, UU 220.

Epstein will discuss his teaching methods, which include using student groups in three of his 100-level physics classes. He will also talk about what has worked and what has not worked for his students in this cooperative learning arrangement.

For more information, call Djinn Ruffner of Extended Education at ext. 2053.

Spectrophotometer loaned to GrC

A new spectrophotometer has been placed on long-term loan in the Graphic Communication Department.

The SPM 50 spectrophotometer from Gretag Corp. of Chicopee, Mass., will help students better understand, investigate and communicate color and color data in desktop publishing.

Professor Steve Mott, who heads up the ink and substrates and litho press courses, will coordinate the use and integration of the Gretag system into the graphic communication curriculum.

El Corral gives thanks, plans Appreciation Week

Faculty-Staff Appreciation Week

El Corral Bookstore plans to give thanks to all its friends and supporters during a special Cal Poly Faculty and Staff Appreciation Week to be held Monday through Friday, March 6-10.

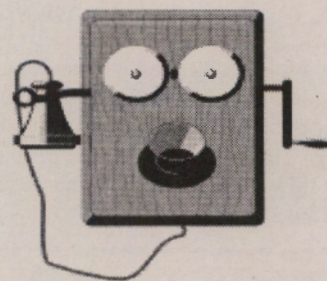
During that time discounts will be offered, and books by Cal Poly authors will be displayed. Show your Cal Poly ID card and receive 20 percent off all general reading books, school and office supplies, and Cal Poly clothing and gifts.

Cal Poly authors reception

An Afternoon With Cal Poly Authors is planned from 4 to 6 pm Tuesday, March 7, at El Corral to honor the faculty and staff members who have authored or contributed substantially to professionally published works.

Fifty campus authors will be on hand to talk about their works and their experiences with publishers. Refreshments will be served.

For more information, call Nick Routh at El Corral, ext. 5305.



Academic Records adds phone service hours

Academic Records has extended their phone-line service for faculty and staff members.

Phones are now covered from 8 am to 5 pm on ext. 2532, the line reserved for faculty and staff members.

Academic Records requests that the phone number not be given to students. They have a different number (ext. 2531) and hours of service (10 am to 4 pm).

Faculty, staff invited to launch new program

Faculty and staff members are invited to submit presentation and workshop proposals for a student Leadership Institute planned for April 29.

The theme of this year's conference is "Create Your Future: Learn by Leading." Presentations are needed for students at all levels of leadership ability.

A student poll has indicated topics of interest include motivation, conflict resolution, public speaking skills, goal setting, team building, training new members, cross-cultural-communication and multicultural-leadership skills, program planning, fund raising and budgeting, retreat training and planning, publicity, and evaluation.

The deadline to volunteer to make a presentation is Friday, March 10. For a presentation form or more information, call Student Life and Activities at ext. 2476.

Cal Poly's Leadership Institute is a new cooperative effort of Student Life and Activities, Housing and Residential Life, and ASI. Departments interested in helping plan a year-round program of leadership opportunities for students are invited to join the Leadership Institute.

Nominations sought for scholarships

The Committee on the Status of Women is seeking nominations for three scholarships.

The scholarships are designed to honor the people for whom they're named, and all recognize students who have demonstrated a commitment to the rights of women. Scholarships will be awarded to students who have been nominated by a faculty or staff member.

✓ **L. Diane Ryan Scholarship** – This \$400 scholarship is awarded to a student who has been identified as having the potential to provide moral leadership in the work force of the future.

✓ **James M. Duenow Scholarship** – This \$300 award will be given to an individual considering a career as a feminist attorney. Preference will be given to a liberal arts major.

✓ **Robert S. Harmon Scholarship** – This \$300 scholarship will go to someone considering a career as an investigative reporter. Preference will be given to a student with Mustang Daily experience reporting corruption, cover-up, or crimes against women.

To nominate a student, faculty and staff members should send a letter of nomination to Marilyn Farmer, Scholarship Committee Chair, Committee on the Status of Women, Architecture Department.

For more information, call Farmer at ext. 1790, or Terri Swartz, ext. 1411.

Long chosen president of county United Way

Political science professor Dianne Long has been chosen by the San Luis Obispo County United Way to lead the organization in 1995.

She was named president in January by the local umbrella organization's 30-member board of directors.

Long has been a United Way volunteer for 13 years. In 1994 she chaired the committee that determines how much funding goes to which community service organizations. For the past two years she had led the local State Employees Campaign, through which Cal Poly and other state employees can contribute by payroll deduction to charities of their choice.

Your letters are invited

Current faculty and staff members are welcome to submit comments on any campus issue for publication in the *Cal Poly Report's* "Campus Forum." The special deadline is 1 pm Monday. Short letters submitted early are best.

Human side of technology topic of conference

Information technology and its impact on higher education from a human point of view will be the topic of a statewide conference at Cal Poly Thursday through Saturday, April 6-8.

"The Virtual Campus: Creating Feminist Perspectives" is the theme of the 10th anniversary conference of the Women's Council of the State University (WCSU), this year hosted by Cal Poly's chapter of the WCSU.

The conference will focus on identifying ways to use information technology to enhance communication and learning.

Conference participants will discuss whether information technology expands or limits access to knowledge, includes or alienates groups of people, fosters equality or elitism, and improves or hinders interpersonal communication.

The keynote speech, "Access to the Future: People and Technology," will be given by Dr. Mae Jemison.

Chemical engineer, scientist, physician, and astronaut, Jemison was a crew member aboard the space shuttle Endeavor, the first woman of color to go into space. In addition to her conference address, she will speak to middle school children in the San Luis Obispo area.

A plenary session will feature Dr. William Plater, executive vice chancellor and dean of faculties at Purdue and Indiana universities. He will talk on "The Virtual, the Valued and the Vain: Faculty Work in the Twenty-First Century."

A vendor fair, "Connecting the World Through Technology," sponsored by El Corral Bookstore, will run concurrently with the conference.

A Training Institute will be offered throughout the conference with workshops aimed at familiarizing conference participants with current technology and its applications in the office, classroom and beyond.

Regular conference fees are \$95, or \$55 for students. For more information, contact the Women's Programs and Services office at ext. 2600.

Dateline

Admission charged — \$

FRIDAY, MARCH 3

Speaker and Panel: William Pierce (forensic psychologist) will discuss "The Larry P. Case Revisited: Issues of Racism." A panel discussion will follow. Business 213, 3 pm.

Music: Vartina — Finnish contemporary folk group. Theatre, 8 pm. (\$)

SATURDAY, MARCH 4

Music: Annual Pops Concert. Chumash, 8 pm. Also on Sunday at 3 pm. (\$)

SUNDAY, MARCH 5

Music: Annual Pops Concert. Chumash, 3 pm. (\$)

Baseball: University of Hawaii, SLO Stadium, 1 pm. Also Monday and Tuesday, March 6-7, at 7:05 pm. (\$)

MONDAY, MARCH 6

Speaker: Phyllis Davies (agricultural business alumna) will talk about "Women and Development: Why Women Matter." Staff Dining Room, 12:10 pm.

Men's Basketball: Southern Utah University, Mott Gym, 7:30 pm. (\$)

TUESDAY, MARCH 7

Speaker: Jean DeCosta (Employee Assistance Program) will discuss "The Relationship Between Individuals and Organizational Self-Esteem." Staff Dining Room, noon.

Speaker: Gary Epstein (Mathematics) will present "Using Groups in the Classroom" as part of the FIDO series. UU 220, noon.

Reception & Sale: An Afternoon With Cal Poly Authors honors faculty and staff authors and contributors to published works. El Corral, 4 pm.

WEDNESDAY, MARCH 8

Meeting: Women's Council of the State University planning meeting. UU 219, noon.

Music: Guitarist Jose Maria Gallardo del Rey and soprano Maria Jette. Theatre, 8 pm. (\$)

THURSDAY, MARCH 9

Music: Winter Quarter Student Recital, Music Bldg. 218, 11 am.

Forum: "Building an Acceptable Climate at Cal Poly." Staff Dining Room, noon.

Speaker: Carl Mitcham (Penn State University) will discuss "What is Technology ... and What Can We Do About It?" Business Bldg. 213, 7 pm.

FRIDAY, MARCH 10

Baseball: Cal State Northridge, SLO Stadium, 7:05 pm. Also Saturday and Sunday, March 11-12, 1:05 pm. (\$)

TUESDAY, MARCH 14

Basketball-Performance: The Harlem Globetrotters' "Salutes The Family" World Tour appearance. Rec Center, 7:30 pm. (\$)

Position vacancies

More information and applications for the following staff positions are available from the appropriate human resources office. **Faxed applications and resumes will not be accepted in lieu of official application.**

STATE (Adm. 110, ext. 2236 or job line at ext. 1533). Official application forms must be received by 4 pm of the closing date or be postmarked by the closing date.

CLOSING DATE: Open until filled

Public Safety Dispatcher, Public Safety Services, \$11.24 - \$13.31/hr., temp., intermittent, on-call thru 6/30/95 with annual reappointment.

FOUNDATION (Foundation Adm. Building, ext. 1533). All Foundation applications must be received (not just postmarked) by 5 pm of the closing date (No faxes).

CLOSING DATE: March 10

Department Secretary, Foundation Administration Office, \$1,918 - \$2,330/mo.

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FACULTY (Adm. 312, ext. 2844)

Candidates interested in positions on the faculty are invited to contact the appropriate dean or department head/chair. Ranks and salaries for faculty positions are commensurate with qualifications and experience (and time base where applicable), unless otherwise stated.

CLOSING DATE: March 31

Lecturers, PE & Kinesiology (part-time pool): For the 1995-96 academic year. Candidates must have an earned bachelor's degree to teach activity classes and a master's degree to teach all other classes. Certification may be necessary in specific areas. To be considered, applicants must submit: 1) completed faculty application form; 2) professional resume; 3) documented background and experience with respect to specific activity and theory courses; 4) official transcripts; 5) three current letters of recommendation to Wayne Head.

CLOSING DATE: April 1, 1995

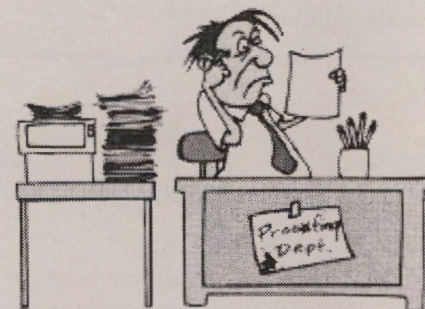
Lecturers, Political Science (part-time pool): For summer, fall, winter, and/or spring quarters 1995-96 to teach lower- or upper-division courses. Specialties in American politics, global politics, and public administration needed. M.A. or Ph.D. in political science required.

CLOSING DATE: March 24, 1995

Lecturers, Animal Science (part-time pool): For the 1995-96 academic year. Possible vacancies in the specialties of beef, sheep, swine, equine management, feeds and animal nutrition, poultry, and veterinary science. M.S. preferred or B.S. with considerable experience.

CLOSING DATE: March 27, 1995

Lecturers, University Center for Teacher Education (part-time pool): For the 1995-96 academic year. Expertise in multi-cultural/bilingual preparation of K-12 educators for diverse classrooms. Duties include teaching classes in multiple/single-subject credential/master's degree programs and supervision of student teachers. M.A./Ed. or related field preferred, or B.S. with considerable experience in K-12 schools with diverse populations. Submit letter of application, vitae, three letters of recommendation, and official transcripts of highest degree to Susan Roper, Director, UCTE.



CPR schedule

The *Cal Poly Report* is published on Fridays (except quarter breaks) by the Communications office.

News items must be submitted to Jo Ann Lloyd, Heron Hall, by 1 pm on Friday for the next week's issue. Letters for the Campus Forum section must be received by 1 pm Monday for the same week's issue.

Please send typewritten, double-spaced paper copies if time allows. Last-minute submittals can be faxed to ext. 6533 or e-mailed to du539@oasis.

Articles submitted will be edited for clarity, brevity and journalistic style.