Position vacancies

Vacancy information and applications for the following positions are available from the appropriate Human Resources office. Information can also be accessed from the Cal Poly Home page on the Web at www.calpoly.edu. (Click on "General Information").

FACULTY (Adm. 312, ext. 6-2844)

Candidates interested in faculty positions are asked to apply to the appropriate department office at the phone number listed for more information and an application. Please submit all application materials to the department head unless otherwise specified. Rank and salary are commensurate with qualifications and experience, and timeframe varies where applicable, unless otherwise stated.

Part-time lecturer positions are currently open for a variety of courses in several departments. The following departments are currently recruiting to establish pools of applicants for possible part-time assignments as determined by need during the 1999-2000 academic year. Qualifications vary by department. For qualifications and additional information, please contact the department at the number given or view the appropriate on-line ad at http://academic.personnel.calpoly.edu/facpositions.html. Applications are due August 1 unless otherwise specified. Rank and salary are commensurate with qualifications and experience.

93315: Part-time lecturer pool, Aeronautical Engineering (756-2562). Closing date: August 1.
93318: Part-time lecturer pool, City and Regional Planning (756-1351). Closing date: August 1.
93308: Part-time lecturer pool, Liberal Arts Studies Project (756-2395). Closing date: June 15.
93301: Part-time lecturer pool, Civil and Environmental Engineering (756-2947). Closing date: June 15.

FOUNDATION (Adm. Bldg., job line at ext. 6-7107). All Foundation personnel positions (except postmarked) by 5 pm of the closing date. (No fax.)

Printing Technician, University Graphics Systems ($17.34-20.87/hr., 3 to 5 pm Monday through Thursday. Responsible for maintaining University Graphic System and Graphic Communication Department equipment and procedures of operation. Requirements: high school or equivalent; two years of college with major in printing or related field preferred. Five years experience in maintaining printing equipment including sophisticated computerized electronic and mechanical systems. Must be able to set up, operate, and maintain printing equipment, electronic and mechanical. Must have skill in training others; knowledge of finishing, costing, purchasing, accounting, budget and quality-control systems associated with the graphic communication industry. Closing date: May 28.

Student Alumni Programs Coordinator, Alumni Relations ($30,324-36,228/yr.). Responsible for strengthening the link between current Cal Poly students and alumni. Requirements: B.S. and minimum of one year of professionally related experience; two years of involvement in a student club or organization preferred. Additional professional experience may substitute for the degree on a year-for-year basis. Must have knowledge of budget management; knowledge of modes and bylaws of student clubs and organizations preferred. Must have excellent interpersonal skills, excellent written and oral communication skills, comprehensive presentation skills, computer and organizational skills. Must be able to work irregular hours, including evenings and weekends. Closing date: Position is open until review of applications begins June 4.

Incoming freshman awarded $20,000

M. Gray, a graduating senior at Palmdale High School, was selected to receive a $20,000 scholarship from Wal-Mart to help pay his expenses while studying computer engineering at Cal Poly.

Gray was awarded one of approximately 100 Competitive Edge Scholarships, given to deserving freshmen throughout the country pursuing degrees in science or technology. The scholarship pays $5,000 a year for four years. It was established to ensure that America’s best and brightest students become leaders in science, engineering and computer-related fields, according to a Wal-Mart representative.

Gray, the fourth Cal Poly student to receive the scholarship, was chosen for his excellent academic record, community involvement and leadership.

College of Engineering recognizes faculty, staff

The College of Engineering recently recognized its outstanding faculty and staff members, as well as professors from the Colleges of Science and Mathematics and Liberal Arts.

Aeronautical engineering professor Russ Cummings won the $2,000 TRW Excellence in Teaching Award; mechanical engineering professor Jim Meagher received the $3,000 Linde Research and Development Award; and aeronautical engineering professor Dan Biezad took home the $3,000 Northrop Grumman Excellence in Teaching and Applied Research Award.

During the past five years, Cummings has been the thesis advisor for 12 graduate students who have received funding for NASA projects he has created. Cummings has also been the principal investigator in a $500,000 NASA multidisciplinary design grant that dealt with the development of a new approach to engineering design education. Meagher has performed many research projects in stress analysis, biomechanics, rotordynamics, and machinery vibration. As a result of major grants he has received from the Bently Nevada Corp. and Solar Turbines, a new vibrations and rotordynamics lab was established in the Mechanical Engineering Department. Biezad teaches and does research in the area of piloted flight control and simulation. His book "Integrated Navigation and Guidance Systems" was recently published by the Institute of Aeronautics and Astronautics.

The engineering student body voted on the recipients for the Outstanding Achievement in Teaching awards and the Outstanding Faculty Advisor Award. Winners included mathematic professor Soro Goro Katoh, known for bringing abstract math principles down to earth, and associate professor Don Ryujin, whom students appreciate for his upbeat nature and for relating class material to their daily lives.

Civil engineering professor Kurt L. Won won the 1999 Outstanding Faculty Advisor Award for his mentorship of Chi Ep­ silon, the civil engineering honor society. Outstanding Staff Awards were given to four Cal Poly students who have received engineering department secretary Rose Welch and to Civil and Environmental Engineering Department lab technician Beverly Stephen.

New CSU vice chancellor for H.R. picked

Pamela McClain, executive director of human resources and affirmative action at the University of Michigan, has been appointed vice chancellor of human resources for the CSU, effective June 1.

CSU Trustees approve agreement with Gallo

The CSU Trustees approved an educational collaboration May 12 allowing Cal Poly, in conjunction with E&J Gallo Winery, to establish on university land a wine-grape vineyard that supports a more comprehensive and interdisciplinary academic program related to wine-grape cultivation, sensory analysis, and the economics and marketing of wine.

Through the agreement, Cal Poly’s ability to recruit students to graduate qualified professionals with hands-on training in operating and managing state-of-the-art vineyards will be enhanced. The agreement will help California cope with the growing demand for professional and managers in the field — a need already being felt on the Central Coast.

"Working side by side with Gallo, one of the country’s foremost wine producers, will provide invaluable opportunities for our students," President Baker said. "This endeavor will certainly serve to enhance the wine-grape industry, and a newly approved agreement with Gallo (see story below) will add more.

Three employees receive "outstanding" award

Darrell Blankenship, an equipment technician in the Electrical Engineering Department, was selected as a candidate in Facility Services, and Rosemary Wagner, an administrative assistant in the Graphic Communication Department, have been selected to receive the 1998-99 Outstanding Staff Employee awards.

Each recipient will receive a $200 prize from a private endowment fund and a plaque during the Fall Conference General Session in September.

Blankenship came to Cal Poly in 1986. A colleague called him "the most competent technician that I have known in 30 years as an engineer. His abilities and expertise make it possible for the Electrical Engineering Department to be a result of seriousunderwriting." (Continued on page 2)

Forum on Balkan war set

A U.S. State Department official and a former U.S. army intelligence officer will address a panel from UC Berkeley and UC Santa Barbara in a panel discussion about the Balkan war on Wednesday, May 26.

The forum, titled “War in the Balkans,” will run from 7 to 9 pm in the Business Building Rotunda (Room 213). Panelists include Kamal Beyouglo from the U.S. State Department; professor Harry Kreisler, executive director of the UC Berkeley’s Institute of International Studies; Maj. A.J. Fanis, a former chief of counter-intelligence in Bosnia; and Dimitrije Djordjevic, a UC Santa Barbara emeritus professor of Central European studies.

Fredrik Logevall, UCSD professor of American foreign relations, will serve as moderator.

Each panelist will give a 10- to 15-minute presentation, and then the floor will be open for questions from members of the audience.

The forum is sponsored by the History Department and College of Liberal Arts. For more information, contact the History Department at ext. 6-2543.
Springboard Job Fair set

More than 100 companies are planning to attend the annual Springboard Job Fair on Thursday, May 20, in Chumash Auditorium.

Employers representing a variety of fields are expected, including computer engineering, business, engineering, liberal arts, and science and mathematics, with a special section devoted to architecture.

Faculty and staff members who wish to visit with employer representatives can do so at a continental breakfast from 8 to 9 am, or at the open forum from 9 am to 1 pm.

Students seeking summer, co-op, and career opportunities can attend the open forum. Advance registration is required.

Students should bring copies of their resumes for distribution.

Employers will schedule individual interviews from contacts made during the open forum.

More information, including a list of participants and descriptions of employment opportunities, is available on the Career Services home page: http://careerervices.calpoly.edu or from Shari Buress at ext. 6-5974.

Cuesta Grade widening topic of May 26 panel

North County commuters and other travelers can hear what to expect about the widening of Highway 101 on the Cuesta Grade in a presentation noon Wednesday, May 26, in UU 220.

Representatives from the San Luis Obispo County Council of Governments, Caltrans, the regional Ridersharing office, Cal Poly Commuter Services, and others will discuss the upcoming construction and its impact on commuters.

The presentation will address anticipated delays and changes, the construction timeline, alternative transportation options, and a new incentive program available to Cal Poly students and employees.

The three-year widening project, to begin in early August, will include additional truck lanes both north- and southbound, as well as a pullout area for disabled vehicles.

The presentation will let those who are planning to leave San Luis Obispo for the summer know what to expect when they return to town in the fall.

For information, call Jacquie Paulsen, Commuter Services, ext. 6-6680.

Math students talk on asteroid impact effects

Cal Poly had two winning math teams this year in the recent Mathematical Contest in Modeling. Both teams were asked to study the effects of an asteroid impact at the South Pole.

Students Nathan Fish, Nathan Royer and Ryan Tally-Doyly will present their meritorious award-winning paper at an Undergraduate Mathematics Colloquium set for 11:10 am to noon Thursday, May 27, in the Mathematics and Science Building, Room 226.

The students determined that an impact by an asteroid of the dimensions given would have no significant effect. They then generalized the problem to larger asteroids, different impact locations, different orbits, and in each case examined potential casualties and damage.

They concluded that either an oblique impact at the pole or a land strike in a non-polar region could result in a significant opaque dust cloud with long-term catastrophic effects. The asteroid could cause tsunamis large enough to result in significant damage, and, what is more important, would inject enough water into the atmosphere to cause a change in world climate.

The members of the other team were Janusz Kaczyński and Andy Oster, who also earned a meritorious award for "An Asteroid Impact Model: Two Ice Shelves." They presented their paper in a previous undergraduate mathematics colloquium.

GPS receiver to be installed in Poly Canyon

The U.S. Geological Survey will build a Global Positioning Satellite receiver in Poly Canyon this summer.

The receiver will measure ground movement of less than one-quarter inch to provide information that is used in plane and space-bound, as well as a pullout area for disabled vehicles.

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Cal Poly had two winning math teams in the recent 1999 Mathematical Contest in Modeling. Both teams were asked to study the effects of an asteroid impact at the South Pole.

Student Josh Fish, Nathan Royer and Ryan Tally-Doyl will present their meritorious award-winning paper at an Undergraduate Mathematics Colloquium set for 11:16 a.m. to noon Thursday, May 27, in the Mathematics and Science Building, Room 226.

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They concluded that either an oblique impact at the pole or a land strike in a non-polar region could result in a significant opaque dust cloud with long-term catastrophic effects. An ocean strike could create tsunamis large enough to destroy a whole continent and, what is more important, would inject enough water into the stratosphere to cause a change in world climate.

The members of the other team were James Ward, Jeff Hinds and Andy Oster, who also earned a meritorious award for "An Asteroid Impact Model: The Ice Shelves." They presented their paper in a previous undergraduate mathematics colloquium.

GPS receiver to be installed in Poly Canyon

The U.S. Geological Survey will build a Global Positioning Satellite receiver in Poly Canyon this summer.

The receiver will measure ground movement of less than one-quarter inch per year to provide important information about the movements and possibly help predict the likelihood of earthquakes.

Cal Poly's Poly faculty involvement will serve as an exact location for the project. [Additional information about the GPS receiver installation in Poly Canyon is provided.]
Three employees receive "outstanding" award

Darelle Blankenship, an equipment technician in the Electrical Engineering Department, was recently selected as the winner of a $2,000 TRW Outstanding Employee Award. Candidates interested in faculty positions are asked to contact the appropriate department office at the phone number listed for more information and an application.

Student Alumni Programs Coordinator, Alumni Relations ($30,324-36,228/yr.). Russ Cummings won the $2,000 TRW Excellence in Teaching Award; mechanical engineering professor Jim Meagher received the $3,000 Litton Research and Development Award; and aeronautical engineering professor Dan Bie zad took home the $3,000 Northrop Grumman Excellence in Teaching and Applied Research Award.

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Datable

Exhibit
Kennedy Library: "A Virtual Tour: 1883 San Luis Obispo County," through June.
UU Gallery: "Whoop," student art, through June 11. Monday-Friday 10 am-4 pm; Saturday and Sunday, noon to 4 pm.

Thursday, May 20

Science Colloquium: Bill Sachschi (Livermore National Laboratory), "Plutonium Disposition," Science E-45, 11 am.
Play: "Marvin's Room," Theatre, 8 pm. Also May 21-22 ($).

Friday, May 21

Math Colloquium: Alexander Iss (Indiana University-Purdue University, Mathematical Sciences Research Institute of Berkeley), "Raman-Hilbert Approach to Integrable Fredholm Operators," Science A-31, 11:10 am.

History Talk: Teofilo Ruiz (UCLA), "The Terrors of History: Witchcraft in Late Medieval and Early Modern Europe," Phillips Hall, PAC, noon.
Math Colloquium: Pavel Stepan (Indiana University, Purdue University, Mathematical Sciences Research Institute of Berkeley), "Uniqueness and Scaling of Zeros of Random Polynomials," Fisher Science Center, 2:30 pm.

Saturday, May 22

Music: Jazz Night with the University Jazz Band, Cohan Center, 8 pm. ($)

Sunday, May 23

Master's Thesis Defense, Commuter Services, "Runway," 4:10 pm.
Dinner: "Marvin's Room," Theatre, 8 pm. Also May 22 ($).

Sunday, May 24

Music: Jesse Getman (student) oboe recital, Davidson Music Center, 218, 3 pm.
Music: Jazz Night with the University Jazz Band and vocalist Kevin Mahogany, Cohan Center, 8 pm.
Dinner: "Marvin's Room," Theatre, 8 pm. ($)
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May 24

Music: Jess Getman (student) oboe recital, Davidson Music Center, 218, 3 pm.
Music: Jazz Night with the University Jazz Band and vocalist Kevin Mahogany, Cohan Center, 8 pm.
Dinner: "Marvin's Room," Theatre, 8 pm. ($)
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Monday, May 25

Music: Mark Wolf (student) junior recital, Davidson Music Center 218, 7:30 pm.

Tuesday, May 26

Panel: "The Art of Wine and the Wine Industry," Cohan Center, 8 pm.
Play: "The Woman in White," Theatre, 8 pm. ($)

Wednesday, May 27

Music: "The Art of Wine and the Wine Industry," Cohan Center, 8 pm.
Play: "The Woman in White," Theatre, 8 pm. ($)

Thursday, May 28

Music: "The Art of Wine and the Wine Industry," Cohan Center, 8 pm.
Play: "The Woman in White," Theatre, 8 pm. ($)

Friday, May 29

Music: "The Art of Wine and the Wine Industry," Cohan Center, 8 pm.
Play: "The Woman in White," Theatre, 8 pm. ($)

Saturday, May 30

Music: "The Art of Wine and the Wine Industry," Cohan Center, 8 pm.
Play: "The Woman in White," Theatre, 8 pm. ($)

Sunday, May 31

Music: "The Art of Wine and the Wine Industry," Cohan Center, 8 pm.
Play: "The Woman in White," Theatre, 8 pm. ($)

The recipients will each receive $500 from a private endowment fund and a plaque during the Fall Conference General Session in September.

Blankenship came to Cal Poly in 1986. A colleague called him "the most competent technician that I have known in 30 years as an engineer. His abilities and expertise make it possible for the Electrical Engineering Department to offer a quality program despite serious underfunding." (Continued on page 2)

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