

# CAL POLY Report

California Polytechnic State University  
San Luis Obispo, CA 93407  
Vol. 54, No. 6 • October 13, 1999

Published by the Communications Office • [www.calpoly.edu/~communic/CPR/report.htm](http://www.calpoly.edu/~communic/CPR/report.htm)

## DATELINE

(\$) – Admission charged

### Exhibits

**ASI Fine Arts Club 221** (formerly UU Galerie): "A Journey of the Warrior Spirit," through Dec. 10. Reception 2-4 p.m. Saturday. Hours: Monday-Friday, 9 a.m.-9 p.m.; Saturday and Sunday, noon-4 p.m.  
**University Art Gallery** (Dexter Building): Faculty Show, through Oct. 24. Hours: 11 a.m.-4 p.m. daily; Wednesday, 7-9 p.m.

### Wednesday, October 13

**FIDO Talk:** John Dalbey (Computer Science), "Self-Directed Learning," Veranda Café, noon.  
**Music and Dance:** La Tania Flamenco. Also Thursday. Theatre, 8 p.m. (\$) Pre-performance lecture, Moon Ja Minn Suhr (Theatre and Dance), Philips Hall, 7 p.m.

### Thursday, October 14

**Y2K Awareness Day:** UU Plaza, 11 a.m.  
**Physics Colloquium:** Richard Frankel (Physics), "Life Beyond the Earth: the Question of Life on Ancient Mars," Science E-45, 11 a.m.  
**Books at High Noon:** "The Reader" by Bernard Schlink, reviewed by Bianca Rosenthal (Modern Languages and Literatures), Veranda Café, noon.  
**Music and Dance:** La Tania Flamenco, Theatre, 8 p.m. (\$) Pre-performance lecture, Moon Ja Minn Suhr (Theatre and Dance), Philips Hall, 7 p.m.

### Friday, October 15

**Comedy:** George Carlin, Harman Hall, 7 and 9:30 p.m. (\$)

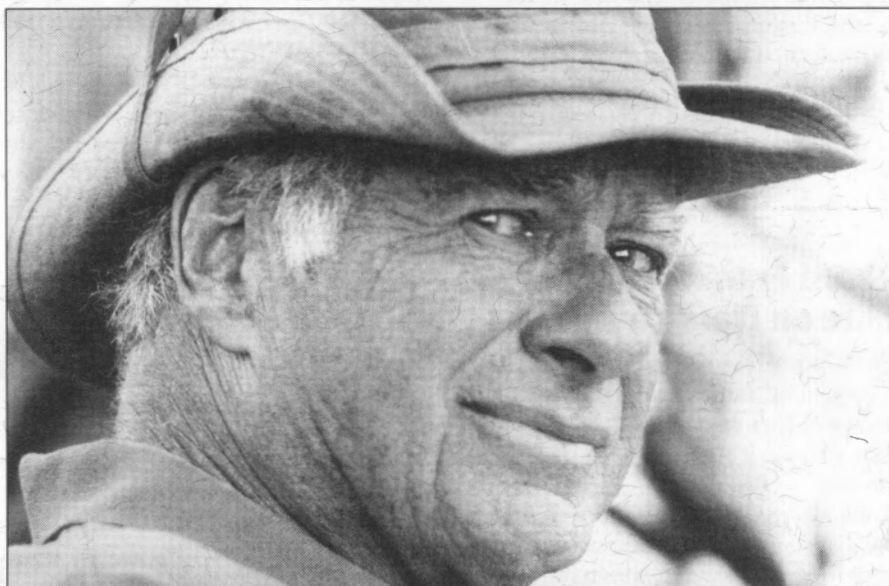
### Saturday, October 16

**Music:** Radha Prasad Hindustani Flute Recital, Theatre, 8 p.m. (\$)

### Sunday, October 17

**Men's Soccer:** University of Portland, Mustang Stadium, 3 p.m. (\$)

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Film director John Frankenheimer will discuss movies with a panel of industry colleagues.

## John Frankenheimer to appear at Film Forum

"Manchurian Candidate" director John Frankenheimer is just one member of a distinguished panel coming to Harman Hall Nov. 8 at 7:30 p.m. to participate in a forum, "The Good, the Bad and the Movies," that will follow the San Luis Obispo International Film Festival.

The panelists will each offer sharp insight from a different angle into what's good and what's bad about the film industry and its product. They will include:

- **Peter Bart**, editor-in-chief of Variety magazine, the industry's bible. Previously he worked for Paramount

Pictures, Lorimar Films, and MGM/UA, playing a key role in the production of such films as "The Godfather" and "True Grit."

- **Joan E. Bertin**, executive director of the National Coalition Against Censorship. Founded in 1974, this alliance of more than 40 national non-profit organizations is united in its commitment to protect the First Amendment.

- **Elayne Blythe**, founder and president of the Film Advisory Board Inc., a non-profit organization dedicated to promoting good, wholesome

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## Nov. 8 deadline for Faculty Development Program

The Faculty Development Program provides an opportunity for probationary faculty members to receive funding for research and other scholarly activities to help them through the tenure and promotion processes.

Awards are made on a competitive basis for research mini-grants, travel to professional conferences, and funds to

hire temporary replacement faculty members for assigned-time awards (four to eight units per quarter).

The deadline to submit applications is Nov. 8. For program guidelines, information and applications, go to the Human Resources and Employment Equity Office, Adm. 110, or call ext. 6-2062. ☐

## Reminder: Y2K Day is Thursday

Y2K Awareness Day will run from 11 a.m. to 1 p.m. Thursday in the UU Plaza. Departments from throughout Cal Poly and representatives from area organizations and businesses will have information available on how best to plan for and prevent possible computer troubles, travel concerns, business delays and other situations associated with the arrival of the year 2000.

For information about Y2K, send e-mail to [year2000@calpoly.edu](mailto:year2000@calpoly.edu) or call the Cal Poly Help Desk at ext. 6-7000. □

## Richard Frankel to talk on life on Mars Thursday

Physics professor Richard Frankel will present "Life Beyond the Earth: the Question of Life on Ancient Mars" from 11 a.m. to noon Thursday in Room E-45 in the Science Building.

Frankel will describe the current status of the debate on whether life existed on ancient Mars, a debate in which he is playing an important role.

In 1996 a team of NASA scientists reported in the journal *Science* that a Martian meteorite, recovered from Antarctica, contained four features that constituted evidence for life on ancient Mars. Since then, other scientists have proposed alternative explanations that would not point to Martian life.

A key to the debate is magnetite, an iron oxide found in the meteorite, and which can be evidence of life. Frankel is a nationally recognized authority on very small particles of biological magnetite.

Frankel will report on criteria that he and colleagues from Arizona State University and Iowa State University have developed for distinguishing biological from nonbiological magnetite.

The talk is part of the fall quarter Physics Colloquium series. For more information call the Physics Department at ext. 6-2448. □

## Duke University historian to talk on segregation

A Duke University historian and civil rights scholar will speak at Cal Poly Monday on African American resistance to segregation.

William H. Chafe, dean of Duke's faculty of arts and sciences, will present "The Gods Bring Threads to Webs Begun: African American Resistance to Segregation in the Jim Crow South" from 4:30 to 5:30 p.m. in UU 207.

Chafe will describe the multiple levels of control — legal, physical, economic and psychological — that the segregation system used to deny blacks their freedom and self-determination.

He will also explain the complex, courageous and effective ways that

African Americans resisted the system of control.

Chafe will describe how blacks used community building, family solidarity, the church, and physical revolt to fight for their own rights.

He is the author of eight books and 34 articles on a variety of civil rights topics and is president of the Organization of American Historians.

Refreshments will be served after the talk in Club 221 (formerly the Galerie) in the University Union.

For more information call Carolyn Stefanco in the History Department at ext. 6-2670. □

## Immunizations available at health, wellness fair

Immunizations, door prizes and information from a variety of campus and community health-care specialists will be available at the next health and wellness fair from 11 a.m. to 1 p.m. Oct. 20 in UU 220.

Immunizations against the flu cost \$8, pneumonia immunizations are \$20, and tetanus shots, \$5.

Handouts and other resources will be on hand from the American Cancer Society, San Luis Obispo Athletic Club, Coastal Medical Research Group Inc., House of Bread, Easter Seal Society,

Jamba Juice, Maxim Health Care, San Luis Obispo County Health Department, AIDS Support Network, American Heart Association, Arthritis Foundation, Cal Poly Peer Health Education, Cal Poly Foundation, and Coastal Periodontics.

Door prizes are being donated by the Crux Climbing Gym, San Luis Obispo Athletic Club, American Red Cross, Pulse, Jamba Juice, and Avila Hot Springs Resort.

Additional details will be sent to employees. The event is sponsored by the Employee Assistance Program. □

## Oct. 21 comedy shows to warn of alcohol abuse

Comedians from HBO and Comedy Central will bring their Comedy Awareness Tour to campus Oct. 21 to raise, through humor, awareness of the dangers of alcohol and drug abuse.

The faculty and staff are invited to attend a special presentation for employees at 1 p.m. in UU 220.

The comedians, including Bob Perkell of Fox Television's "Mad TV" and CBS's "Everybody Loves Raymond" and Judy Cianciotti of Comedy Central, will give an open presentation from 11 a.m. to noon in the UU Plaza.

The group's free appearances are sponsored by Human Resources and Employment Equity and ASI Events as part of the university's observance of National Collegiate Alcohol Awareness Week. □

## To get into *Credit Report*, submit info by e-mail

To help simplify production of *The Credit Report*, the Communications Office now requires that all submissions for *The Credit Report* be by e-mail. The address is [polynews@polymail](mailto:polynews@polymail) (adding @calpoly.edu if necessary).

Any items already submitted in another form need not be resubmitted.

The deadline for the fall quarter edition will be Nov. 1.

Please follow *The Credit Report's* style and guidelines when submitting items. To see the guidelines and sample entries, please look in past editions. The most recent edition, including the guidelines, is on the Web (either through "About Cal Poly" on the university's home page or directly at [www.calpoly.edu/~communic/credit/credit.htm](http://www.calpoly.edu/~communic/credit/credit.htm)). □

DON'T FORGET:

# Rideshare!



## Books at High Noon is back

Books at High Noon, a forum of book reviews by faculty and staff members, kicks off with three October presentations:

- **Thursday:** Bianca Rosenthal (Modern Languages and Literatures) will review "The Reader" by Bernard Schlink. The novel focuses on Germany's relationship with its past through the main character, Michael Berger.

- **Oct. 20:** Patricia Troxel (English) will review "The Fencing Master" by Arturo Perez-Reverte. The new work of fiction, a big hit in Europe, blends fencing, 19th century Spanish politics, and philosophical theory in a murder mystery. The talk will be in UU 219.

- **Oct. 29:** Jo Rubba (English) will review "Cold Mountain" by Charles Frazier. The book tells two stories: one chronicles the homeward journey of a Civil War soldier, the other traces the growth to self-sufficiency of the sweetheart he left behind.

All sessions are at noon. The Thursday and Oct. 29 talks will be in the Veranda Café Conference Room. □

## Campus Dining wins 5th Waste Reduction Award

Campus Dining has been named a winner in the state's 1999 Waste Reduction Awards Program for the fifth consecutive year.

Campus Dining, an entity of the Foundation, was recognized for its voluntary efforts to "reduce, reuse and recycle."

Campus Dining provides 10,000 meals a day for students, faculty members and staff members in more than a dozen locations on campus. The department started recycling several years ago with a cardboard recycling program, which expanded to include polystyrene, glass, metal, plastic and vegetable scraps.

"The total waste reduction program strives to balance cost savings from waste-stream reduction with the costs of purchasing recycled and recyclable products," said Alan Cushman, associate director of Campus Dining.

"Trash hauling has been reduced by more than 50 percent, yielding some cost savings to the university," Cushman said.

The Waste Reduction Awards Program is run by the Integrated Waste Management Board of the California Environmental Protection Agency. □

## ... DATELINE

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### Monday, October 18

**Speaker:** William Chafe (Duke University), "The Gods Bring Threads to Webs Begun: African American Resistance to Segregation in the Jim Crow South," 4:30 p.m., UU 207.  
**Alcohol Awareness Week Speaker:** River Huston, "Surviving the Weekend," Theatre, 7 p.m.

### Tuesday, October 19

**Music:** Guy Budd, BackStage Pizza, noon.

### Wednesday, October 20

**Immunization Health, Wellness Fair:** UU 220, 11 a.m.  
**Books at High Noon:** "The Fencing Master" by Arturo Perez-Reverte, reviewed by Patricia Troxel (English), UU 219, noon.

### Thursday, October 21

**Physics Colloquium:** Gayle Cook (Physics), "The Accelerating Universe," Science E-45, 11 a.m.  
**Comedy Awareness Tour:** Alcohol abuse awareness, UU Plaza, 11 a.m. and UU 220, 1 p.m.  
**Mathematics Colloquium:** Bernard Russo (UC Irvine), "Holomorphic Composition Operators," Math and Science 226, 4:10 p.m.

### Friday, October 22

**Construction Sciences Forum:** "The Architecture of Entertainment," Architecture Building, 8:30 a.m. Continues Oct. 23.  
**Hearst Lecture:** Neil Watson, "Drawing and Painting Architecture," Business Rotunda (213), 3 p.m.  
**Men's Soccer:** U.S. Air Force Academy, Mustang Stadium, 7 p.m. (\$) **Volleyball:** Utah State, Mott Gym, 7 p.m. (\$) **Visual Theater:** "Promised Land," Cal Poly Theatre, 8 p.m. (\$)

### Saturday, October 23

**Construction Sciences Forum:** "The Architecture of Entertainment," Architecture Building, 8:30 a.m.  
**Hearst Lecture:** Neil Watson, painting workshop, Architecture Gallery, 9 a.m.  
**Volleyball:** Nevada, Mott Gym, 7 p.m. (\$) **Music:** Fall Jazz Concert with Cal Poly Wind Orchestra and University Jazz Bands, Cal Poly Theatre, 8 p.m.

### Sunday, October 24

**Men's Soccer:** University of Denver, Mustang Stadium, 4 p.m. (\$)

### Monday, October 25

**Environmental Awareness Week:** Speakers, exhibits, competitions. Continues through Oct. 29. UU Plaza, 11 a.m.

### Tuesday, October 26

**Music:** Dorothy, BackStage Pizza, noon.

### Wednesday, October 27

**Speaker:** Edward Hasbrouck (author), International Travel Lunch-Time Talk, Veranda Café, noon.

### Thursday, October 28

**Physics Colloquium:** Geoffrey West (Los Alamos National Laboratory), "The Tree of Life: The Origin of Universal Scaling Laws in Biology From Molecular Cells to Whales," Science E-45, 11 a.m.  
**FIDO Talk:** Dan Waldorf (Industrial and Manufacturing Engineering) and David Braun (Electrical Engineering), "New Century Scholars: Teaching, Learning, and Your Academic Career," Veranda Café, noon.  
**Women's Soccer:** Cal State Bakersfield, Mustang Stadium, 7 p.m. (\$)

### Friday, October 29

**Homecoming:** Various activities through Oct. 31. Call ext. 6-2586 for details.  
**Books at High Noon:** Jo Rubba (English), "Cold Mountain" by Charles Frazier, Veranda Café, noon.  
**Men's Soccer:** University of Washington, Mustang Stadium, 7 p.m. (\$)

### Saturday, October 30

**Football:** Homecoming game vs. Portland State, Mustang Stadium, 2 p.m.  
**Music:** Cal Poly Choirs Fall Concert with PolyPhonics, Cal Poly Vocal Jazz and the University Singers, First Baptist Church, San Luis Obispo, 8 p.m. (\$)

### Thursday, November 4

**Physics Colloquium:** Earle Mayfield (Physics), "Good Wine via Optical Spectroscopy," Science E-45, 11 a.m.

### Friday, November 5

**Graduate and Professional School Day:** Chumash, 10 a.m.  
**Volleyball:** Long Beach State, Mott Gym, 7 p.m. (\$) **Wrestling:** Green & Gold Tournament, Rec Center, 7 p.m. (\$) **Music:** Masters of the Steel String Guitar, Harman Hall, 8 p.m. (\$) Pre-concert lecture, Craig Russell (Music), Philips Hall, 7 p.m.



## Position vacancies

Vacancy information and applications for the following positions are available from the appropriate Human Resources office. Information is also available on the Cal Poly home page ([www.calpoly.edu](http://www.calpoly.edu); click on "General Information").

**STATE** (Adm. 110, ext. 6-2236 or job line at ext. 6-1533). Official application forms must be received by 4 p.m. on the closing date or be postmarked by the closing date. (No faxes, please.) For positions marked with an asterisk, qualified on-campus applicants currently in Bargaining Units 2, 5, 7 and 9 will be given first consideration.

**#0E033: Predoctoral Internship (Helper Aide), Health and Counseling Services.** Closing date: Application review will begin Dec. 1, however, these positions are opened until filled. The Health and Counseling Services Center is a member of the Association of Psychology Postdoctoral and Internship Centers (APPIC) and the Association of Counseling Center Training Agencies (ACCTA). Participants in the Cal Poly Predoctoral Internship Program receive two hours of individual supervision, a weekly case conference, seminars addressing professional specialized training in such topics as eating disorders, sexual abuse, trauma recovery, ethics and the law, multicultural counseling, stress management and organizational consultation. Additional training in the university's Employee Assistance Program is also available. The position: There are two temporary 12-month positions available beginning July 1, 2000. One position is in Counseling Services and one is in the Employee Assistance Program. These positions receive supervised clinical experience in individual and group therapy, crisis intervention, outreach, health psychology, consultation, and prevention education. Direct specific inquiries regarding the position to Elie Axelroth, training coordinator of Health and Counseling Services, at 756-2511.

**#07050: Administrative Support Assistant I, Admissions and Recruitment (Unit 7).**\* Closing date: Oct. 27. Salary: \$10.35 - \$13.36/hr., temporary, intermittent/on-call pool, to April 30, 2001. Renewal dependent on funds. These positions will assist the Admissions unit with recruitment and admission functions during peak processing periods.

**#02049: Nurse Practitioner, Student Services - Health & Counseling Services (Unit 2).**\* Closing date: Oct. 27. Salary: \$25.31 - \$30.49/hr., temporary, intermittent/on-call to June 30, 2000, with extension dependent on funding; two positions. As part of Health Services Department health care team, this position will provide outpatient services to students and employees.

**#01M008: READVERTISEMENT: Head of Nursing Services (Administrator II), Student Affairs, Health & Psychological Services.** Closing date: For full consideration, application materials should be submitted by Nov 10, however, position is open until filled. Salary: \$56,400 - \$72,000 annual hiring range, dependent on qualifications and experience. The Health Services Department provides outpatient services and programs that address the health and medical needs of students. The focus of this position is to provide full-range administrative leadership to the Nursing Services unit of Health Services.

**#04045: Athletic Academic Advisor, (Student Services Professional II), Academic Affairs, Athletics (Unit 4).** Closing date: Oct. 27. \$3,020 - \$3,630/mo. This position provides academic advising, academic support and retention services for student athletes. The selected candidate must pass a pre-employment background fingerprint check.

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

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

**#03015: Tenure-Track Assistant Professor, Psychology & Human Development Department (756-2033).** Full-time position starting fall quarter 2000. Salary range: \$40,488 - \$51,036. Seeking candidates with APA-approved doctorate in clinical or counseling psychology, California license as a psychologist or marriage-family therapist, minimum of two years of post-license clinical experience, and maintenance of clinical practice. Du-

ties include teaching graduates and undergraduates, graduate student supervision and advising, program administration, and professional development. Submit letter of interest (reference Recruitment Code #03015) with vitae and three letters of recommendation to Search Committee, Psychology and Human Development Department. Closing date: Jan. 24, 2000.

**ASI Coordinator of Aquatics & Summer Programs, Recreational Sports.** Salary range: \$3,102 - \$4,188/mo. Full-time. Under the supervision of the director of Recreational Sports, provides oversight and supervision for a staff of lifeguards and water safety instructors. Works directly with professional and student staff to develop and implement summer programs for children and aquatics programming for the campus community. Requires bachelor's degree, two years' progressively responsible student services work experience, and current applicable American Red Cross certification. Master's degree and two years' post-master's degree work experience preferred. Open until filled, review of applications will begin Nov. 1.

**Coordinator of Fitness Programs, Recreational Sports.** Salary range: \$3,420 - \$4,618/mo. Full-time. Under the supervision of the director of Recreational Sports, provides oversight and direct supervision of instructional programs, personal fitness, and exercise room management. Works directly with professional and student staff to plan and coordinate all fitness and instructional activities. Requires master's degree and two years' progressively responsible student services work experience; experience in supervising and instructing participants in a fitness environment; personal training certification or degree in kinesiology. Two years' post master's degree work experience preferred. Open until filled, review of applications will begin Nov. 1. □



## CAED to host forum on construction sciences

"The Architecture of Entertainment," the second annual Construction Sciences Forum, set for Oct. 22-23, will feature presentations by industry experts from Universal Studios and the San Diego Zoo, as well as a landscape architect consultant for a redevelopment surrounding Disneyland a partner in the firm that designed the Monterey Bay and Long Beach aquariums.

Hosted by the College of Architecture and Environmental Design in collaboration with the West Region Construction Specifications Institute (CSI), the forum is designed for alumni members of the professions, Cal Poly students and faculty members. CAED graduates and non-alumni practitioners will earn continuing education credits.

In addition to seminars, dinner and a round-table discussion, two product shows are planned, with more than 50

exhibitors displaying the latest construction products (Oct. 22) and newest technology products (Oct. 23). The shows will be in Chumash Auditorium from 10 a.m. to 3 p.m.

"This year's theme, 'The Architecture of Entertainment,' reflects the importance of the entertainment industry — a driving force of the booming California economy," said CAED Dean Martin Harms.

Presentations begin at 8:30 a.m. both days. The forum will kick off with a presentation by Mark Woodbury, vice president and lead designer for Universal Creative. He will talk about the concepts and design of the new Islands of Adventure theme park in Orlando, Fla. The massive complex is the largest of its kind in the world and is filled with new concepts and high-tech approaches to interactive entertainment and thrills.

Additional presentations include: Robyn Badger, facilities manager, San Diego Zoo, "Animal Exhibit Design"; Robert Jacob, principal landscape architect with the SWA Group, which is planning the 1,100-acre Anaheim Resort redevelopment in the area that surrounds Disneyland, "Planning and Building the Urban Resort"; Claire Tuttle, vice president, WET Design, "Fountains and Water Design"; Jon Antevy, president, MP Interactive Corp., "Increasing Project Effectiveness Using the Internet"; Craig Hoellwarth, principal, Quest Consulting, "Energy 10 — Passive and Active Energy Systems Design"; and Charles Davis, partner, Esherick Homsey, Dodge Davis, Architects, "Aquarium Design."

Other presentations include Don Smith, project manager, Construction Specifications Institute (CSI), "Criteria-Based Design Build"; Edd Soenke, chair, Integrated Information Task Force of the CSI, "Integrated Information Module"; John McCaffrey, CSI, "The Uniform Drawing System"; John Raeber, consulting architect, "Building Codes and Code Concepts"; and Jim Barnett and Alan Suleiman, Sacramento Municipal Utility District, "Lumens-Light for the Designer."

Forum registration includes the presentations and product shows both days plus dinner and the round table on Friday. Single-day registration is available — in advance — at a reduced rate.

Registration can be done via e-mail at [caed-csforum@polymail.calpoly.edu](mailto:caed-csforum@polymail.calpoly.edu).

For cost information and a program brochure, call the CAED at ext. 6-5138. □

## Ride sharing: 50 ways to leave your car home

*This song is brought to you by the Pink Prize Patrol, those people from Commuter Services who will stoop to almost anything to get you to use alternative transportation.*

Make a new plan, Sam.  
Get on your bike, Mike.  
Hop on the bus, Gus.  
Form a car pool, Jules.  
Pool in a van, Stan.  
Take a good walk, Jock.  
Don't be an S.O.V.\*, Dee.  
Rideshare "one in five," Clive!

(\*S.O.V.=single-occupant vehicle)

Remember: The Pink Prize Patrol is watching on Tuesdays. □

## Rec sports has new offerings

Recreational Sports is offering an Introduction to Swing Dance Workshop from 4 to 6 p.m. Oct. 23 for \$5. To register, stop by the Front Line Services Desk at the Rec Center.

Two new discount passes for the Group Fitness program are now available. For \$29 a quarter, the "noon hour" pass is good for aerobics classes at either 11:10 a.m. or noon, Monday through Friday, and the "prime time" pass lets you into up to nine classes a week after 5 p.m., Monday through Friday.

Visit the Rec Center for a Group Fitness schedule or call ext. 6-1366. □

## CPR schedule

The *Cal Poly Report* is published every Wednesday during the academic year.

Articles are due in the Communications Office by 10 a.m. on Thursday for the following week's edition.

Items can be e-mailed to [polymail@calpoly.edu](mailto:polymail@calpoly.edu) if needed, or mailed to the Communications Office, Heron Hall.

For information call ext. 6-1511. □

## UC Irvine professor to give Math Colloquium

Professor Bernard Russo of the Mathematics Department at UC Irvine will talk on "Holomorphic Composition Operators" from 4:10 to 5 p.m. Oct. 21 in Room 226 in the Math and Science Building.

Russo said the talk will "present a survey of known results and open problems concerning boundedness and compactness of composition operators over the Bergman and Hardy spaces of complex domains, with special attention to the unit disk and the unit ball in several variables."

The presentation is part of the fall quarter Mathematics Colloquium series. □

## Ticket information

Tickets to the performances listed in today's *Cal Poly Report* are on sale at the Performing Arts Ticket Office 10 a.m. to 6 p.m. weekdays and 10 a.m. - 4 p.m. Saturdays. Call ext. 6-2787, or to order by fax, dial ext. 6-6088.

Information on Cal Poly Arts events, including audio and video samples of artists' work, can be found on the Web at [www.calpoly.arts.org](http://www.calpoly.arts.org). □

