State water will dissect Poly Canyon
Critics warn heavy equipment could disrupt delicate balance

By Joy Wimmer
Daily Staff Writer

San Luis Obispo voters rejected state water in the 1992 general election, but the pipeline is still coming — straight through the middle of Poly Canyon.

A map of the proposed route shows the pipeline will carve through the canyon, crossing the Poly Canyon loop trail twice. The pipeline also will be a barrage of workers, heavy equipment and construction materials — which could potentially harm the canyon’s natural balance.

Increased traffic through the area, some people fear, also could disrupt recreational and educational activities in the canyon.

Farm Shop Supervisor Gary Ketcham said the project will tear up the canyon, causing pasture land to be lost. Livestock also may have to be fenced up, Ketcham said.

“It could really mess up the educational process,” he said.

By late 1995, construction in the canyon also could inconvenience recreational users of the canyon, Ketcham said.

“It’s going to (have) a big impact on the education and environment until they complete it and put (the land) back to its natural state,” Ketcham said.

Performing Arts Center delays slowing of Grand Ave. traffic

By Elizabeth Patrick
Daily Staff Writer

A potentially turtle-paced Grand Avenue morning commute has yet to materialize, but it’s thanks only to a third rescheduling of construction for the university’s Performing Arts Center.

Construction is now scheduled to start on March 7, according to Peter Phillips, architectural coordinator for Facilities Planning. That means Grand Avenue commuters could have a few more weeks of unhampered passage before snaking lines of cars plague the thoroughfare.

Construction on the multimillion-dollar center was originally set to begin in fall, and last until 1996. But contractors’ bids for the university’s original projections, and it took months before the Foundation for the Performing Arts Center found the funds to meet the lowest bid.

The first phase of construction on the center pushed facility vehicles out of their designated Grand Avenue lot and into an area previously used by students. The second phase is set to alter the busy flow of Grand Avenue traffic, squeezing the two inbound lanes into one through lane and one turn lane, while the remaining outbound lane has yet to materialize.

Despite violence, students feel safe

Even knowing a victim — or being one — fails to rattle Poly students

By Clark Morey
and Julie Szentgyo
Daily Staff Writers

Cal Poly students seem to feel safe in society — as long as “society” means only San Luis Obispo.

And while the violence plaguing bigger cities may seem remote and isolated to many here, a surprising number of students say they know a victim of violent crime, or have been victims themselves.

The findings were part of two-day unscientific Daily survey taken at Robert E. Kennedy Library last week. It asked 11 yes-no questions on topics ranging from handgun ownership to violence in cinema and

Daily Violence Survey

The Daily’s unscientific poll put questions about violence, gun ownership and related topics to 100 randomly selected Cal Poly students studying at the Robert E. Kennedy Library. Among the findings:

Have you or anyone you know affected by a violent crime? 55% yes.

Do you feel relatively safe in today’s society? 51% yes.

Do you own a gun? 22% yes.

Would you feel safer with a gun nearby? 27% yes.

GEORGE CHEN/MUSTANG DAILY GRAPHICS

Becoming ‘American’ means dropping your standards, grades

By Paul Rukans
Associated Press

SAN FRANCISCO — Immigrant children do better in school than their American classmates but their performance declines as they become more Americanized, a new study revealed Tuesday.

The study is key to helping immigrant children advance as the nation loses manufacturing jobs traditionally found work, while studying or waiting.

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TODAY'S WEATHER: Mostly sunny; NW afternoon winds to 15 m.p.h.

Captured high/low: 68 / 40
Expeded high/low: 63 / 40

Today's high/low: 63 / 40

19 school days remaining in winter quarter.

ATTENTION

CAPTURE action code is 7 942F, not 7 9328

TODAY

• ASI Job Club Fair, Chumash Auditorium, 9 a.m. to 4 p.m.
• "God in the Newsroom: Journalism and the News of Religion," Michael A. Russo, chair of communications department, Saint Mary's College, Rm. 26-304, 11 a.m.
• Chrysalis meeting, "Queen in the Streets, Straight in the Sheets," Center of Women's Issues (adjacent to Health Center), 1:30 p.m. / 752-7347
• Backstage Pizza presents "Uncle Shinbone," 5 p.m.
• Cal Poly Snuff Out Tobacco Project, classes to end habitual chewing, 225 Prado Road, 6:30 p.m. / 756-5251
• First meeting of Firearms Owners Advocacy club, 7:30 p.m. — 756-5251

THURSDAY

• Poly Rep applicant information meeting, Alumni House, 11 a.m. — 756-2792
• Open Forum with candidates for position of Cal Poly vice president for student affairs — Dr. Roger Ludeman, Staff Dining Room B, 1 p.m. / 756-1291
• Backstage Pizza presents "Uncle Shinbone," 1 p.m.
• Networking — The Key to Job Search Success," panel discussion by Career Services, Staff Dining Room B, 3 p.m.
• Panel discussion of the political situation in Nigeria, history professor John Orji and political science professor Isola Kokomo, Rm. 011-23, 7 p.m.

Agenda items: t/o Len Arends, Grophit Arts 226, Cal Poly 93407 — Fox: 756-6784

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ATTENTION

23 FEB

WEDNESDAY

WORK: Foreign-born children are outpacing U.S.-born students

From page 1

This study shows that as immigrant children become Americanized they move in the direction of their American counterparts.

Rumbaut' s study showed that foreign-born children who have lived in the United States for five to 10 years had a grade point average of 2.58, higher than that of U.S.-born children of immigrants.

The U.S.-born children of immigrants had a grade point average of only 2.44.

The foreign-born children spent an average of 2.69 hours per day doing homework, compared with 2.40 hours per day among the American-born children. The figures are based on analysis of school records of 5,000 children in San Diego and Miami.

Rumbaut himself was born in Cuba and moved to the United States at age 12. "I have gone through the story myself," he said.

Judith Trese, a professor at the University of California, Irvine, said other studies have found similar effects.

"There does seem to be this extraordinary draw of American culture for immigrant children, not always with good consequences," she said.

Guillermio Jason, a professor at New York University, said, "More research is needed before we can have a better assessment. But one of the things we do know is that U.S.-born immigrant children outperform American children."

In a new analysis of 1990 census data, Rumbaut found that the number of immigrants in the United States has risen to 19.8 million. "That's an all-time high, and the largest immigrant population of any society in world history," he said.

For the first time, the number of immigrants arriving from Latin America and the Caribbean has surpassed the number coming from Europe.

By far the largest group is Mexicans, who make up 22 percent of U.S. immigrants. They are the main exception to the rule that immigrant children work harder and do better than Americans.

"That's probably because the Mexicans' educational levels are low to start with, and they are victims of a long history of discrimination," Rumbaut said.

Another reason is that many Mexicans are in the United States illegally, and so they stay away from school altogether, he said.

TRAFFIC: Sorry to disappoint, but Grand Ave. construction pushed back again

From page 1

line will be rerouted through Tahoe Road to Pacheco Way, then onto Slack Street and back to Grand Avenue.

The speed limit at the construction site on Grand Avenue will be reduced from 25 mph to 15 mph, according to Interim Police Chief Steve Schroeder. The decrease will be announced by signs posted on Sierra Madre Residence Hall. A traffic control officer may be posted at the area, he added.

According to Schroeder, the loss of 200 parking aparts has shifted the main on-campus traffic flow from Grand Avenue.

As they parked their cars and headed for class on Tuesday, some students said they'll alter their parking habits due to the construction.

"I will try to stay away from the parking lots where construction is because of all the congestion it causes," Perez said.

Mechanical engineering senior Juanita Perez said she thinks it is a good idea to build the center, but is concerned about the parking situation.

"There does seem to be this extraordinary draw of American culture for immigrant children, not always with good consequences," she said.

While students who live off campus are concerned with finding a parking space in the mornings, on campus residents have some concerns of their own.

Computer science freshman Stefan Clarkson lives in the resident halls and currently parks his car in the R-2 lot.

Clarkson has noticed more students who do not live in the dorms parking in the resident parking area since the removal of the 200 parking spaces.

"Usually when I come back from work I have a problem finding a parking spot," he said. "The trouble is there is a line to park over there (in the R-2 lot) when you have a resident sticker — you can't park in a general parking spot.

Parking Supervisor Donna Jordan suggested students use the Highland Drive entrance and park in the university's north lots.

Public Safety Director Joe Risser foresaw traffic problems at construction's outset, but anticipates the congestion will subside after a while.

Risser said he anticipates most construction complaints will be made regarding noise, not parking.

"I'm sure there will be complaints from the residence halls about the noise," Risser said.
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- Each year in the United States, 30,000 deaths are attributed to automobile emissions and 46,000 to automobile accidents.

- Motor vehicles alone account for nearly 22 percent of all energy used in the United States and about half of all the 17.2 million barrels of oil consumed per day.

- The cost of gas and oil account for only 19 percent of owning and operating a car.

- The average American spends a yearly total of $3,119 to own and operate a car. (including license, registration, insurance, depreciation, maintenance and tires)

- By sharing a Cal Poly carpool parking permit with a neighbor or roommate you can save up to $60 a year.

- It's cool to carpool to school!

Information is drawn from the American Automobile Association, the American Lung Association, the San Luis Obispo County Air Pollution Control District, and Cal Poly Commuter Services.

For information on carpool permits, bus routes, fares and schedules call 756-6680.
Bright lights, big tips and social blunders

CHICAGO — We stood only a few inches away from one another, and that was as close as we got to a part. We felt, our anxious eyes met, and from the intensity of his through the glass doors, wondering if I should have me a veggie burrito at TA's, or three beers at the Cel- hotel expected something. Even the lady I asked for directions raised her eyes hopefully at me — or gus' tip is supposed to be " included."

And for those who couldn't care less, be a knuckle­ the airport. And I know how to tip the cab driver (but to tip doesn't conveniently lose your bag — press on.

And in my moment of hesitation he disappeared And I'm not sure exactly what it means. The fact is, nature rarely provides a great role model for the human race. Hoy's contention that because we don't see "homosexual cats, dogs, lions and bears" humanity should not engage in any form of homosexual relations is false. Hoy also claims that Americans have lost the ability to "define what is right or wrong." If I hurt someone, my act is wrong. If I increase my happiness without inflicting injustice on anyone, my actions are right.

Taxi drivers should be tipped 20 percent, or a mini­ cals; and homophobes are deviants. Does it occur to him that there is less justification for bigoted behavior than that which is caused by ignorance? I would not ad­ of the human race will run around naked because animals don't wear Levis or Bud­ weiser T-shirts.

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WATER: Pipeline scheduled for Poly Canyon

From page 1

Construction on Reach 4 of the Coastal Branch of the State Water Project, which begins atuesta Punzel and extends south through the middle of Poly Canyon, will begin as early as late winter or spring 1995, according to the State Department of Water Resources.

Although Cal Poly will have to endure the construction through the canyon, San Luis Obispo will never be able to use the water, according to Paul Donnelly, project engineer for San Luis Obispo County Flood Control and Water Conservation District. Because San Luis Obispo voters rejected state water in the November 1980 general election, the city is now ineligible to tap into the water in the future.

"The ship has sailed," Donnelly said. "There is no way you can go back." According to a general information sheet issued by the department, a steel pipe approximately five feet wide will be placed in Poly Canyon. The report states the pipeline will be buried in a trench approximately 10 feet deep, with the excavation area surrounding the trench ranging from 30 to 40 feet. The report also states, however, that "trenches for pipelines are not circumstances guided by design and construction where the pipeline may need to be placed above ground."

Pam Jenkins, a land agent with the California Department of Water Resources, said pipeline construction usually proceeds at the rate of one mile a month. She said construction on Reach 4 could last approximately 16 months.

These pipes are expected to be placed in the trench one section at a time, approximately 300 to 500-foot sections. Any homes or property will probably be fenced off around the area where the pipes are in place, according to Jenkins. She added that the area would not be closed to the public.

"They'll maintain public access," she said. "They'll detain around the 300 to 400 feet where they're going to have the pipes." Fences may be installed around the area of construction to keep the livestock out, Jenkins said.

Cal Poly may suffer economic losses from construction due to tearing up pasture land, Ketcham said. He added that he would like to see Cal Poly reimbursed for any damages caused, such as the state does with private landowners.

"We won't be able to put any animals in the pasture until the hole is filled up again," Ketcham said. "It might cost us money for extra feed."

The state will compensate Cal Poly for any damages caused by construction, Jenkins said. The environment surrounding the construction site also will be restored to its natural state once construction is completed, she added.

The Coastal Branch of the State Water Project will connect to the California Aqueduct near Interstates 5 and 6 and serve communities in San Luis Obispo and Santa Barbara counties. Donnelly said the pipeline will serve areas such as Morro Bay, Arroyo Grande, Pismo Beach and Oceano. The California Men's Colony and Cuesta College also will receive state water.

The pipeline will eventually extend southward to Lake Cachuma in Santa Barbara County. The Central Coast will receive only 10 percent of the water, Donnelly said, with most of it going to Santa Barbara County.

Ed Naretto, director for Facility Services, said the state has been communicating with Cal Poly on the project.

"It will affect us somewhat because there will be some heavy equipment in and out," Naretto said.

A staging area will be set up in the canyon to store construction materials. A decision has yet to be made to determine if equipment will be transported through campus, Naretto said. But if vehicles use the main service road through Poly Canyon, the road may need to be modified.

"If they come in here in the early hours of the morning, they've got to modify the roads," Naretto said. "They need to be aware of campus issues."
Americans accused of spying for Russia raise Cold War specter

By Robert Burns
Associated Press
WASHINGTON — In a case with Cold War echoes and implications for future U.S.-Russia relations, a former top CIA counterintelligence officer and his wife were arrested and charged with selling national security secrets to the Kremlin.

The case, as described in the federal affidavit for the arrest of Aldrich Hazen Ames and his wife, has many of the elements of a spy thriller novel: hand-offs of secret CIA documents at "dead drops," $1.5 million in alleged Russian payoffs and FBI agents sifting trash cans for clues.

President Clinton called the matter "very serious," and Secretary of State Warren Christopher summoned Russian diplomat Vladimir Chikhichvili for a formal protest.

The White House was reviewing how the case might affect relations with Russia at a time when the United States is strongly supporting President Boris Yeltsin and providing millions of dollars in aid.

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God in the newsroom:
Journalism and the News of Religion

a presentation and discussion by

Michael A. Russo
Chair of Communications Department
Saint Mary's College

Thursday, February 24 at 11:00 a.m.
Bldg. 26, Room 304

Sponsored By Cal Poly Journalism Department & The Society of Professional Journalists
Welcome to National Engineers Week - February 20-26

National Engineers Week is a nationwide salute to the engineering profession. In addition to encouraging young people to consider careers in engineering, National Engineers Week presents an opportunity to increase public awareness of the contributions of engineers and engineering to our quality of life, uniting engineers and the public in a celebration of innovation and technology.

Coordinated by the Engineering Student Council, the Cal Poly College of Engineering has a full slate of activities scheduled throughout the Week. Highlights include the ASME Design Contest, a calculator toss in an Engineering Club Fair, the Minority Engineering Program Awards Night, and the Society of Women Engineers Evening with Industry Banquet. Complementing the Week’s activities is the campus wide Career Symposium in Chumash Auditorium from 10 a.m. to 3 p.m. on Thursday, sponsored by Cal Poly Career Services.

"Engineers have played a major role in creating the lifestyle we enjoy," commented Steve Fisher, a mechanical engineering senior and Chair of the Cal Poly Engineers Evening with Industry Banquet. "This week we’re pleased to show off the engineering talent on this campus."

The national agenda for National Engineers Week 1994 is coordinated by the national American Society of Civil Engineers with Don Beall, CEO of Rockwell International, serving as Honorary Chair. The program is jointly sponsored by 17 national engineering societies and ten major corporations, with the cooperation of hundreds of businesses, colleges, professional and technical societies and government agencies.

National Engineers Week, always celebrated around George Washington’s birthday, was established by the National Society of Professional Engineers in 1951. Our nation’s first President was a military and agricultural engineer and a land surveyor. He founded the first U.S. engineering school at Valley Forge, Pennsylvania, which later became the U.S. Military Academy at West Point, New York.

Each February, the nation observes National Engineers Week as a celebration of the engineering profession. In his official proclamation, President Clinton stated, "Engineers have always been major contributors to our nation’s prosperity and quality of life. Now, as our country embarks in a new direction, engineers will be key players in finding solutions to many of our challenges ahead. . . I am pleased to join all Americans in saluting our nation’s engineers during National Engineers Week."

As we accept the challenge of engineering the future, this Week presents an ideal opportunity to showcase the engineering profession while reflecting on the impact that engineering has had and will have on our lives. We hope that our faculty, staff, and students will use this Week to thoughtfully consider how we will contribute in a world where technology is moving at a “fast-forward” pace. The campus provides a rich environment where faculty and students can stimulate one another’s understanding of the fundamentals and then apply that knowledge to design, manufacturing, research and development activities that make our modern world a safer and better place to live.

As a nation and as a College, we are redefining engineering education to meet the demands of the 21st Century. We know that we will need engineers who can successfully compete in the regional as well as the global marketplace, amarkedplace that is continually evolving as a result of the rapid changes in technology. We envision a world in which engineers will assume a greater role in nontraditional positions such as management, the environment, economics, law and politics; a world where teamwork, social responsibility, and a lifelong quest for learning will determine our place in the new world order. Our prosperity as a country will further reflect the opportunities for participation available to technically competent women and underrepresented minorities who will be entering the engineering workplace.

And let’s not forget the general public. Increased technological literacy must be a national goal so that all citizens can function as full participants in the society of the 21st Century. We hope you will join the College of Engineering as we celebrate National Engineers Week on the Cal Poly campus.

Sincerely,

Poly's “Engineering Day at the Mall” captures the National Spotlight

The U.S. National Engineers Week Committee has selected "Engineering Day at the Mall" as a Flagship Forum to be modeled on the national agenda by universities and professional societies across the nation during National Engineers Week 1994.

Engineering Day at the Mall, staged at the Central Coast Plaza Mall through the joint efforts of the Cal Poly Engineering Student Council and the Society of Women Engineers, began three years ago as a national demonstration "pilot" of the College of Engineering and the NSF Synthesis Engineering Education Coalition. Designed to enhance the visibility and understanding of engineering among young people and the general public, the event capitalized on the sociological phenomenon—the shopping mall.

Outreach efforts through the schools touched 7,000 students through coloring, propelled vehicle, and popsicle bridge building contests. On the day of the event, Cal Poly engineering clubs created interactive hands-on activity stations specifically tailored to young people ages 6-12; parents and store personnel enjoyed participating right alongside the children. Mall merchants and industry including Northern Telecom, Hewlett-Packard, ARCO Products, Chevron, IBM, Nordstrom, Pacific Gas & Electric, Advanced Micro Devices, the Austin Company, TGE Government Systems, IVAC Corporation, NCR, and the Nevada Power Company provided cash and prizes.

Following the inaugural event, students collaborated on the development of a how-to manual and a video to Engineering Day at the Mall could be duplicated at malls across the country. DuPont subsidized expenses making it possible for materials to be sent to every engineering college in the United States.

Over the course of the next two years, word spread as to the success and popularity of the event as universities such as Texas A&M, Cornell, CSU Fresno, and others joined in. After reviewing the materials, the national planning committee for the 1994 National Engineers Week incorporated Engineering Day at the Mall as part of their "Engineering Goes Public" theme and is duplicating and disseminating the How-To Manual nationwide.

This year, however, Engineers Day at the Mall is not part of the Cal Poly agenda. "We really enjoyed overwhelming support from the community and the mall in staging this event," commented John Holmes, a computer engineering senior who helped direct last year's activities.

"In fact, there was so much enthusiasm among the kids that we had parents encouraging us to somehow make the connection that this is an engineer you need to go to college, not to the mall. So this year we're using Open House as the ideal format to make that transition."
AN EVENING WITH INDUSTRY
SWE Hosts Banquet Providing Opportunities to Network with Industry

The eighteenth annual Society of Women Engineers Evening with Industry Banquet will be held on Friday, February 25, in the Grand Ballroom of the Pacific Suites Hotel (formerly the Embassy Suites Hotel) in San Luis Obispo.

Representatives from 35 companies will be attending, giving Cal Poly engineering students the opportunity to begin the networking process. The night will begin with a no-host social hour from 6-7 p.m. with dinner to follow.

"Evening with Industry is an event with something for everyone," commented Cindi Babb, an electronic engineering senior who is directing this year's banquet. "Not only do we have an opportunity to meet industry representatives and alumni, but we can learn more about emerging trends in the engineering field, meet other students in the College, gain inspiration from the awards portion of the program as well as from the keynote presentation, and have a great dinner besides."

SWE proudly presents Candice Hatch, Vice President of Environmental Services for CH2M HILL, as the keynote speaker. She is a 1975 Cal Poly graduate, receiving her degree in Environmental Engineering.

A highlight of the evening will be the announcement of the Hewlett-Packard "Outstanding Women in Engineering and Technology" and the Applied Magnetics "Most Supportive Professor" Awards.

The following scholarships will be presented:
- TRW Freshman Scholarship
- Lisa Roth Memorial Scholarship
- CH2M HILL "Uncommon Leader"
- Fluor Daniel Scholarship

The evening will conclude with special surprises.

For more information, stop by the Women's Engineering Program Office in Building 13, Room 108A.

ASME Hosts Student Design Competition

In the spirit of National Engineers Week, the Cal Poly student section of the American Society of Mechanical Engineers will put engineering students to the test. On Friday, February 25, from noon-2 p.m. on Dexter Lawn, ASME will sponsor the sectional round of competition leading to the national ASME Design Finals.

Contestants will race vehicles that have very specific design and construction requirements:
- vehicle must be able to transport itself, its power supply, and a load of pennies up three steps, stopping on the top step
- vehicle must be powered by a Radio Shack DC motor and one AA alkaline battery
- each step to be climbed must have a rise of 3.5 in. and a width of 24 in.
- vehicle must fit into a 6x6x12 in. box
- device will be judged on the number of pennies carried and the speed in climbing the three steps

The top two contestants from sectional competition will compete at the ASME Regional Competition in Berkeley in March. The First Place regional winner will be awarded a trophy and up to $1,000 toward travel to compete at the National Competition in Chicago.

"We hope the campus will make time to stop by Dexter Lawn on Friday to see engineering in action," said Tim Calder, a mechanical engineering senior and Chair of the local organization.

The Cal Poly section—200 members strong—is an affiliate of ASME National which targets the professional and personal development of both mechanical engineering students and professionals throughout the country. In addition to participating in the design contest, the local section makes student loans and scholarships available, sponsors speakers from industry at meetings on alternate Thursdays at 11 a.m. (Bldg. 52-E27), participates in technical projects such as the Human Powered Vehicle, promotes community service activities, while also providing a host of social and leadership opportunities.

The Engineering Student Council Presents Your ...

E-Ticket to National Engineers Week

Your E-Ticket entitles you to:
- Free BBQ Lunch ($3 without E-Ticket)
- Free Engineering Decal
- Discounts from Local Merchants
- Free Raffle Entry
- Discounts on Engineering T-Shirts and Sweatshirts

Get your E-Tickets for $3 at our booth on Dexter Lawn Wednesday and Thursday 11:30-1:30

CH2M HILL Vice President will speak at Evening with Industry

The Cal Poly Society of Women Engineers is proud to present Candice Hatch as the keynote speaker at Friday's Evening with Industry Banquet. Ms. Hatch is currently Vice President and Environmental Services Manager for CH2M HILL, a large engineering consulting firm. She is responsible for business development, project execution, and business operations for the Oregon Pacific Region which provides environmental consulting services to industry and federal facilities.

Ms. Hatch earned a Bachelor of Science Degree in Environmental Engineering with a concentration in air pollution control from Cal Poly, San Luis Obispo. After graduating with Honors in 1975, she relocated to the Portland area and worked for a small engineering consulting firm on a variety of air quality and mechanical engineering projects. She received her registration as a P.E. in 1980 and became an Inspection/Enforcement Engineer with the Ohio Environmental Protection Agency (EPA).

In 1984 she returned to Oregon to begin her career with CH2M HILL, holding a variety of positions to include lead project engineer, project manager, department manager, and a division manager.

Ms. Hatch is married to Tom Hatch, a Cal Poly Industrial Technology graduate. They enjoy spending time with their 10-year-old daughter.
MINORITY ENGINEERING PROGRAM
Ready To Celebrate

Thursday evening, the Minority Engineering Program will award more than $40,000 in scholarships as part of their annual Awards Night. Held in Chumash Auditorium, an informal reception will begin at 6:30 p.m. with the Program to follow at 7 p.m. In addition to recognizing the 42 award recipients, students in the Society of Black Engineers and Scientists (SBES), the Society of Hispanic Professional Engineers (SHPE), and the American Indian Society of Engineers and Scientists (AISES) will showcase the accomplishments of their respective organizations.

Keynote speaker for the evening is Fran Solomon of Playfair, Inc. One of the top motivational speakers and entertainers in the country, Ms. Solomon has been sharing her upbeat message with audiences for over 15 years. She is a pioneer in the use of humor and play as revitalizing agents that promote innovation, cooperation and creativity. Her presentation will feature unique tactics and strategies for addressing customer service, team-building, self-esteem and people-oriented management.

“The Awards Night is a great way for students to meet industry and begin the process of networking,” said Carmen Vilchez, a mechanical engineering junior. “It is also a very inspirational evening encouraging students to do well in school as they strive to be part of the awards ceremony next year.”

New Engineering Building Will Showcase Hands-On Learning

The Cal Poly College of Engineering was recently awarded $1.78 million by the National Science Foundation for construction of a new engineering building. University funds, corporate, and other donations will finance the remaining portion of the construction costs which total approximately $3.6 million. The College is currently assembling an industry steering committee to lead the two-year fundraising effort. Plans call for construction of a 16,700 square foot modern laboratory building equipped to conduct a variety of applied engineering research projects. “This building is an opportunity to showcase the hands-on activities of the College of Engineering just as teaching hospitals go hand-in-hand with Schools of Medicine,” stated Dean Peter Y. Lee. Applied research and development activities have expanded rapidly in the College providing students with a widening array of real-world research and development (R&D) opportunities. External contracts and grants, which include industry-sponsored senior projects, currently involve 50 faculty and more than 300 students directly in engineering R&D activities, pushing the limits of the R&D facilities that are housed in a WWII hangar on campus.

In addition to providing a more modern infrastructure, the new building will enhance the integration of applied research and instructional laboratories. In addition to providing a more modern infrastructure, the new building will substantially increase the total square footage, increase the opportunities for industry and College interaction, and enhance the integration of applied research and instructional laboratories. Planning and design of the building is scheduled to be completed in May 1994 with construction to occur between October 1995 and January 1997.

FMC Corporation is one of the world’s leading producers of chemicals and machinery for industry, agriculture, and the government. We operate 92 manufacturing facilities and mines in 24 states and 16 other countries. FMC’s Corporate Technology Center is a multidisciplined research center chartered to identify, develop, and transfer technology to those highly diverse FMC businesses. We are always looking for the “best and the brightest” to enable us to meet today’s business challenges. Cal Poly has played a prominent role in providing FMC superior engineering resources to meet our goals. We wish you a successful National Engineers Week!

Price Waterhouse

Wishes to thank the following organizations for their support of the Society of Women Engineers and the 1994 Evening With Industry Banquet

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Mobil Oil
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Price Waterhouse
Robert Bein William Frost
Rolf Systems
Santa Barbara Research Center
Silicon Graphics
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Xerox
Engineering Ambassadors Form New Public Relations Team

Ten engineering students were recently named Ambassadors by the College of Engineering. The enthusiastic and high energy group works with the College in promoting interaction with Engineering alumni, parents, and industry friends.

Ambassadors include Seniors John Holmes (computer engineering), Christine Kregger (industrial engineering), Bryan McCrary (mechanical engineering), Mark Meyering (electronic engineering), Jana Musser (aeronautical engineering), Wilbert Odisho (electronic engineering), and John Spruce (mechanical engineering). Stephanie Pollycutt (civil engineering) is a Junior while Amir Sarhangi (industrial engineering) and Charles Smith (electrical engineering) are Sophomores.

"The amount of enthusiasm in this group is wonderful. I am confident we will optimize relations with industry as well as with our alumni and friends, leaving an impression upon our visitors that Cal Poly engineering students are the cream of the crop," commented Jana Musser who is also Chair of the Engineering Student Council. "It's exciting to be part of this first Ambassador group as we create a foundation and a standard for the College of Engineering Ambassador Program for the future," added Charles Smith.

Recruitment, conducted during Fall Quarter, required candidates to complete an application and interview process. Evaluation criteria included leadership experience, interpersonal and communication skills, as well as academic background. A wider recruitment to expand the size of the team for 1994-95 will occur Spring quarter. Applications will be available through the Dean's Office. Jointly sponsored by the Engineering Student Council and the College of Engineering, advisors to the group are Jeanne Aceto and Dr. Ken Brown.

The College of Engineering wishes to thank our 1993-94 INDUSTRIAL ASSOCIATES

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25 YEARS FROM NOW...

- Engineers believe that cures for AIDS and cancer may be at hand, along with the ability to better diagnose and treat diseases, when advances in information and electronics team up with biotechnology.

- With a solid grounding in chemistry and physics, tomorrow's engineers will make "molecular manufacturing" a reality. Engineers at Xerox anticipate the arrival of the hand-held copier, lower-cost robotic sensors, and even a supercomputing wristwatch that talks to you -- all thanks to molecular manufacturing and micro-electrical-mechanical systems (MEMS).

- Transportation "drones" will move people and freight while using positioning signals from satellites, video and radar to avoid collisions.

Engineering Council Political Voice for Students in the College of Engineering

Cal Poly enjoys one of the most active club environments of any university in the country with more than 500 student organizations. Within the College of Engineering alone, there are over 50 clubs affiliated with the College and the various engineering disciplines. Representatives from each of these clubs comprise the Engineering Council which functions as the student leadership "umbrella" for the College of Engineering.

Officers are Chair Jana Musser, an aeronautical engineering senior; Vice Chair of Academic Affairs John Holmes, a computer engineering senior; Vice Chair of Events Laura Day, a mechanical engineering senior; Treasurer Glenn Glass, a materials engineering senior; and Secretary Elizabeth Zuniga, a civil engineering senior.

A primary function of the Engineering Student Council is to inform and involve engineering students with respect to important campus issues. Providing information about academic policies that impact students' educational goals, the Council then gives students an opportunity to voice their collective opinions for or against those policies.

The College is represented on the ASI Board of Directors through five elected student Directors who report directly to the Council. Engineering Directors this year include Matt Adkins, a mechanical engineering senior; John Lew, a mechanical engineering senior; Rob Martin, an electrical engineering senior; Refugio Mercado, an electronic engineering senior; and David Sakamoto, an industrial engineering senior.

The Directors inform Council members about important issues; Council members in turn share that information with their respective student organizations to gather feedback; input from the student organizations is then debated on the Council floor as a means of clarifying the College of Engineering perspective; and that perspective is then taken forward to the ASI Board and reflected in the way the Directors vote.

In addition to ASI, the Engineering Council also is represented on the Academic Planning Commission, the Academic Senate, the ASI Finance Committee, as well as other governing bodies that shape campus policy and procedures.

Another function of the Council is to bring engineering students together with activities that reinforce their personal and professional goals. The Council sponsors several events throughout the year, the three largest being National Engineers Week chaired by Steve Fisher, a mechanical engineering senior; the annual Engineering Awards Banquet (Friday, April 22) chaired by Joshua Molho, a mechanical engineering senior, and the newly-formatted Open House (Saturday, April 23) co-chaired by Kevin Cox, a materials engineering senior, and Calvin Monreal, an agricultural engineering senior.

"Participating as a part of the Engineering Council is a great way to make a difference here at Cal Poly," commented Chair Jana Musser. "Not only are you on top of the issues, but you're on the 'front line' of College of Engineering activities. As we get ready to elect officers in the Spring, we strongly encourage students from across the College of Engineering to consider a leadership role with the Council."

Council meetings provide an open forum for discussion of campus policies. Voting members are restricted to club representatives and committee chairs. However, any engineering student who is interested may attend and voice a concern. The Council also reserves space on the agenda for guest speakers and club announcements.

Guiding and supporting the Council are Dr. Ken Brown, Faculty Advisor, and Dr. Paul Rainey, Associate Dean of Engineering.
ITALIANS STOCK MEDAL CASES WITH CROSS-COUNTRY GOLD

But the big-rating events come tomorrow.

By Lorry McShone

ITALIANS STOCK MEDAL CASES WITH CROSS-COUNTRY GOLD

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Wrestlers PAC title goals

By Patrick O'Brien

Cal Poly wrestling ended its regular season at home Saturday night with an impressive 30-19 win over Cal State Fullerton.

The win put the 10-8 Mustangs in good position as they prepare to host the PAC 10 Championships.

"We achieved our goal of going undefeated at home," said Head Coach Lennis Cowell.

"I'll play on that as a coach," he said. "It's something our psychologists can work with."

"We get to train when I want," said Head Coach Lennis Cowell.

"With a lot of luck we will get one or two (championships)," Cowell said. "We're shooting for a PAC 10, maybe for a Pac-10, and maybe for a Pac-10.

"Overall, Cowell is optimistic.

"A conference championship — that's what it takes to walk away from a PAC 10 team," crowd several matches by 40-0, and will try his take downs and

"We've only lost one dual meet against a PAC 10 team, and we've beaten a couple badly," Cowell said. "But we don't have enough individuals (expected to do well)."

From page 16

nine competitors ranked in the top 20 in the nation. Others competing for a PAC 10 Championship include Boise State (5-7), Cal State Fullerton (5-10), Oregon State (8-8), Stanford (2-7), Cal State Bakersfield (4-2) and UC-Davis (2-11).

Oregon State (14-3) appears to be the favorite. The Beavers, under the command of Head Coach Joe Wells, certainly know what it takes to walk away from a PAC 10 tournament hosting a conference championship.

"If we can win the conference, we can win all three top-20 teams," said Coach Wells.

"Our (tournament history) expectations of the rest of the field."

"The rest will scramble for the rest of the positions."

"The rest will scramble for second in the conference.

"We've only lost one dual meet against a PAC 10 team, and we've beaten a couple badly," Cowell said. "But we don't have enough individuals (expected to do well)."

Considering the three ranked teams position themselves near the top, Cowell summarized his and some of the other coaches expectations of the rest of the field.

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We’ll be visiting the Cal Poly campus for interviews March 4th. Stop by the Career Planning and Placement Center to sign up for interviews and to obtain additional information on Trimble.

If you have the creativity, vision and desire to re-shape the status quo, then don’t miss the visit to the Cal Poly campus. If you are unable to meet with us, you may also send your resume and a letter of interest, to Trimble, Attn: College Relations, P.O. Box 3642, Sunnyvale, CA 94088-3642. We are proud to be an equal opportunity employer.

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An Equal Opportunity Employer
Women's tennis head into CCAA perfect at 4-0

Just A Reminder

Changes in your Meal Plan may be requested by completing a Change Meal Form available at the Foundation Cashier. We cannot accept change forms after March 1.

Cal Poly women's tennis team demolished Westmont College 9-0 Sunday and battled Division I Cal State Fullerton to a non-tournament match-up Saturday. In the match in Santa Barbara against Westmont, Cal Poly went to three sets in only one doubles contest. Rain postponed Friday's contest at Long Beach. Tracy Arnold, Christine Walter, Allison Light and Michelle Berkowitz each turned in two-win performances.

Women's tennis head into CCAA perfect at 4-0

Doily Staff Report

The Mustangs took the field against the Roadrunners after their scheduled match-up Saturday. The losses dropped the Mustangs to 5-7. The Roadrunners improved to 6-6. Cal Poly had 11 errors in the first game of the doubleheader.

Roadrunners outpace Poly in pool again

Cal Poly's swimming teams fell short in their attempts to cut out Cal State Bakersfield in the Cal State Bakersfield Invitationals Thursday through Sunday.

The Cal Poly men's team lost to the Roadrunners 1,281.5 to 1,230.5. The women's team lost 1,385 to 1,094.

Chapman University trailed both women's teams with 61 points and did not field a men's team.

Sophomore Joe Madigan led the men's team with 63 points. He finished fourth in the individual standings behind Bakersfield's senior Marc Rinzler, who finished with 75 points.

Madigan qualified for nationals with his 1:54.18 performance in the 200-yard freestyle. He finished second in the race.

He also helped teammates Jeff Simpson, Bret Hentz and Eric Collins set a new meet record with a fast 1:36.95 time.

Collins enjoyed success on his own as well.

Collins won the 50-yard freestyle with a time of 21.35.

Freshman Krista Kiedrowski provided the thrust for the women's team. She finished first individually and tied Bakersfield's junior Michelle Holmqvist with 80 points.

Kiedrowski, who qualified for the nationals earlier in the year, helped her teammates Kellie Quinn, Jody Campbell and Jerde Phillips qualify for the nationals in the 400-yard medley relay with a time of 4:00.06.

The swim teams return to Bakersfield Saturday for one last crack at qualifying for nationals.

BASEBALL

From page 15

year that helped the Mustangs end the skid will give his team momentum.

"We needed a reality check," Sebek said of the snapped losing streak.

Cal Poly's "reality check" cost them in the national polls. The Mustangs dropped from No. 1 to No. 6 in the latest pool.

The Mustangs take to the road until March 18. They visit UC Santa Barbara today at 2 p.m.

WOMEN'S

From page 15

balanced attack, with five players scoring in double figures, to jump out to a 45-22 halftime lead.

"They played like they wanted it more," said McCall.

On Friday at Cal Poly Pomona, the Mustangs fell victim to a 62-point first half Bronco explosion in which they made seven of nine three-pointers.

After trailing 62-30 at halftime, the Mustangs maintained some dignity by battling to a 44-44 standstill in the second half en route to a 106-74 final score.

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Seniors end home careers in heart-felt basketball loss

By Troy Peterson

At the final buzzer sounded Saturday, senior guard Matt Cotright and Kyle Ellis walked off their home court for the final time, and the Mustangs were dealt one more blow in a disappointing season.

Cal State Los Angeles handed Cal Poly a 76-66 loss in front of 663 people in its final Division II game at Mott Gym. The loss eliminated the Mustangs from postseason play.

"This is one of the hardest losses we've had," said Mustang coach Steve Reason. "I just feel bad for the seniors." The Mustangs fell to 9-15 on the year, and 3-8 in the California Collegiate Athletic Association, while Cal State Los Angeles improved to 13-14 and 7-4 in the CCAA.

"We all have strengths and weaknesses in life and in basketball," Reason said. "Freshman guard Shanta Cook was 12-of-20 and dished out 11 assists Saturday. In his final home game, Ellis scored 12 points. Clawson was held to just five points.

Clawson, a business senior, will finish his four-year Cal Poly basketball career in Saturday's finals at Cal State Bakersfield. After Saturday's loss, he had totaled 1,074 points and 426 rebounds.

"I didn't feel like (Cal State Los Angeles) was our better team," Reason said thanks to its overall improvement to 11-14 and 7-4 in the NCAA Division II.

"They were kind of dangling it in front of us," said Mustang guard Michael Doily, who transferred from Loveland Junior College, scored 36 points in his two years here and grabbed 108 rebounds.

Last Thursday, Cal Poly lost 75-59 at UC-Riverside. It was UC-Riverside's 6-11 center who dominated the game, scoring 26 points, grabbing 12 rebounds and blocking five shots.

For the Mustangs, Cotright scored 22 points and grabbed eight rebounds.

In a statistical oddity Saturday, the Mustangs and UC-Santa Barbara's half offensive numbers were identical to those in the second half in three categories. The Golden Gators scored 12 points after the floor, three of six from three-point territory and 14 from the free-throw line in two identical 37-point halve.

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"We all have strengths and weaknesses in life and in basketball," Reason said. "Freshman guard Shanta Cook was 12-of-20 and dished out 11 assists Saturday. In his final home game, Ellis scored 12 points. Clawson was held to just five points. Clawson, a business senior, will finish his four-year Cal Poly basketball career in Saturday's finals at Cal State Bakersfield. After Saturday's loss, he had totaled 1,074 points and 426 rebounds.

"I didn't feel like (Cal State Los Angeles) was our better team," Reason said thanks to its overall improvement to 11-14 and 7-4 in the NCAA Division II.

"They were kind of dangling it in front of us," said Mustang guard Michael Doily, who transferred from Loveland Junior College, scored 36 points in his two years here and grabbed 108 rebounds.

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Mustangs Welcome
PAC of Hungry Wrestlers

The Division I National Championships might be the Super Bowl of college wrestling, but the Mustangs hosting the 35th Annual Pacific 10 Conference Championships Saturday and Sunday is huge. It's somewhat like the quaint town of Lillehammer, Norway hosting the 1994 Winter Olympics — minus allegations one of Cal Poly's wrestlers hired a bodyguard to club the knee of an opponent.

Mustangs' Head Coach Lennis Cowell said Cal Poly wrestling has not hosted such a major event since Cal Poly hosted the 1969 Division II National Championships. A lot has changed since then. Besides the phaseout of bell bottoms, Cal Poly has moved up in the ranks of Division I and has grappled as a PAC 10 member since 1987.

But what hasn't changed is the tremendous level of competition the PAC 10 provides. Thirteen of the nation's ranked wrestlers will make the trip to San Luis Obispo. Only the 190-pound and heavyweight classes lack ranked wrestlers.

The 150-pound weight class holds the most. They include Cal Poly's Jake Gaer (third and 28-1), Arizona State's Jeff Theiler (fifth and 22-5) and Boise State's Joe Gilbert (eighth and 6-2).

Gaer outlasted Theiler 4-2 for the title last year.

Cal State Fullerton's coach Ardeshir Asgari called the conference the third toughest in the nation.

"Competing against (No. 9-ranked) Oregon State and (No. 16-ranked) Arizona State makes it discouraging," Asgari said.

Add No. 19-ranked Cal State Bakersfield to the blend and the PAC 10 Tournament becomes top heavy with three of its.

See PAC 10, page 12

PAC 10 Prospects Inside ...

Mustangs' Tournament Outlook, see page 12