

# MUSTANG DAILY

FEBRUARY 20, 1996

TUESDAY

VOLUME LX, No. 78

## GOP rivals give final jabs before New Hampshire

By Tom Raum  
Associated Press

MANCHESTER, N.H. — Republican presidential combatants argued taxes, trade and negative ads Monday in a final burst of contentious campaigning before New Hampshire's leadoff primary. A weakened Bob Dole was the principal target.

On the eve of the voting, polls showed Dole, the Senate majority leader, fighting commentator Pat Buchanan for first, with former Tennessee Gov. Lamar Alexander in close pursuit.

"The election in November is about the future, the primary tomorrow is about who can beat Bill Clinton," Alexander asserted, suggesting Dole was not that man.

Buchanan was bidding to stay atop a wave of support from social conservatives and blue-collar Republicans that he rode to victory in Louisiana and a surprising second-place finish in Iowa.

He predicted a strong New Hampshire finish "because we've got a message."

Still haunted by his crucial loss here in 1988 to George Bush, Dole stopped short of predicting a decisive victory. But he said he expected "a very friendly verdict."

The Kansas senator picked up the endorsement of a third GOP presidential dropout, Pennsylvania Sen. Arlen Specter. "If you take the totality of his positions, I think he has the best program for America," Specter said in a telephone interview with The Associated Press.

Dole earlier won the backing of former California Gov. Pete Wilson and Texas Sen. Phil Gramm, both onetime rivals for the GOP nomination.

In the final full day of campaigning, the candidates darted back and forth across the state and dominated the airwaves with live interviews and campaign commercials.

Light snow and freezing rain was forecast across most of the state for Tuesday. New Hampshire Secretary of State Bill Gardner predicted a high turnout, suggesting 76 percent of the state's registered voters would go to the polls. There was also a Democratic primary, although President Clinton had no major opposition.

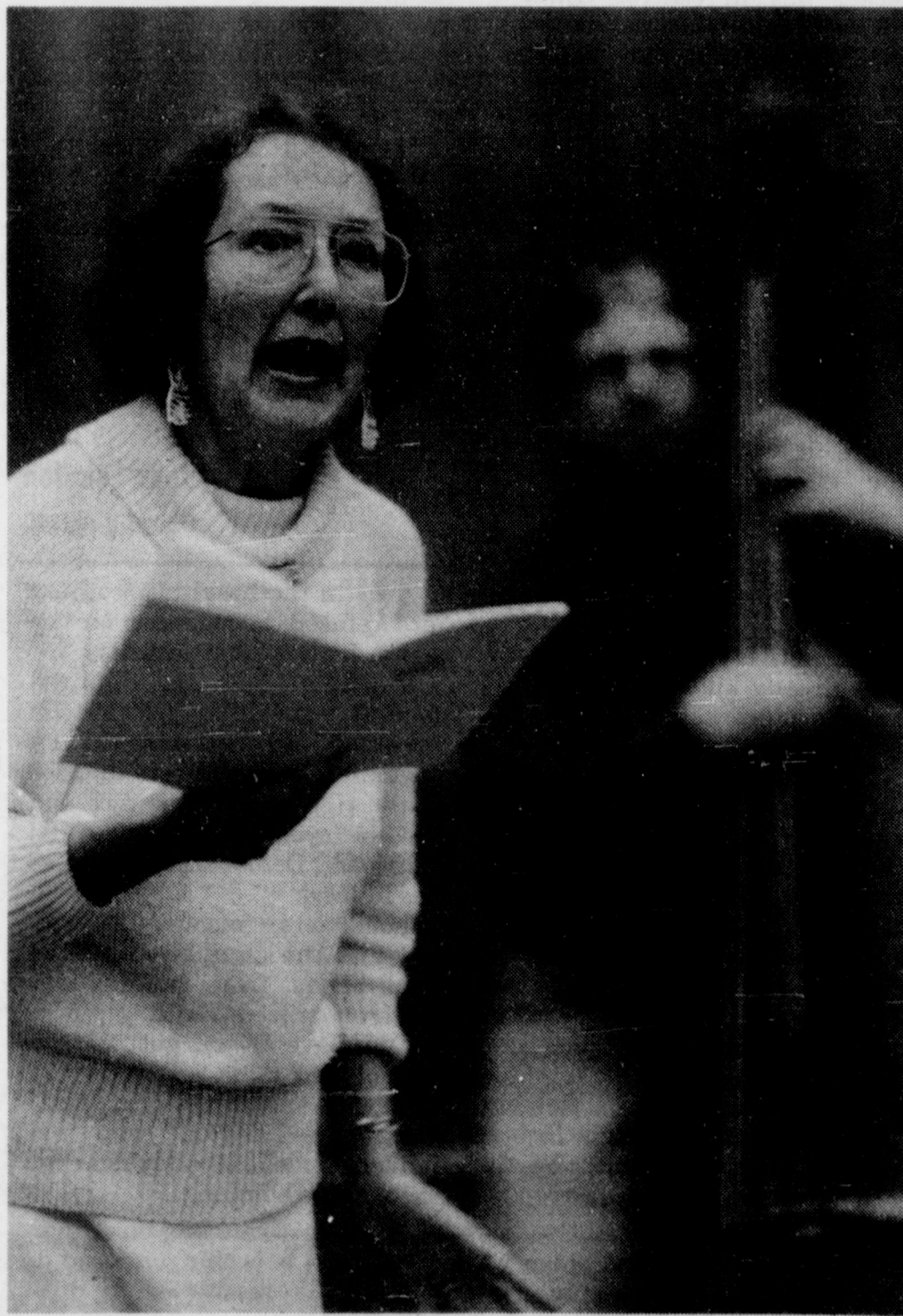
All the major contenders but Dole made the rounds of morning talk shows, leading Alexander to accuse the Kansan of "ducking interviews."

"There have been more sightings of Elvis in New Hampshire than there have been of Senator Dole," Alexander said at Phillips Exeter Academy in Exeter.

"We've been out here every day," Dole responded. "I don't know what his problem is. I hope he gets over it."

Dole traveled the state by bus,

See CAMPAIGN page 3



Francesca Nemko captivated audiences with her unique style, zany lyrics and musical accompaniment in a performance Monday for Women's Week / Daily photo by Dawn Kalmar

## Women's Week poet makes music out of 'A Journey to Spain'

By Alison Levitt  
Daily Staff Writer

"A Journey to Spain" was one of the ventures Francesca Nemko brought her audience Monday afternoon.

The barely 5-foot, 58-year-old, Russian Jew from London captivated her audience while being accompanied by Ken Hustad on the bass. Hustad, who plays with the San Luis Symphony, said he enjoys following the lead of Nemko.

"It gives me a chance to react with the spoken word rather than with instruments," Hustad said.

The energetic Nemko first became interested in poetry while in her 20s working in a jazz club.

"I loved jazz. I had never even listened to poetry before, but some lines started running through my head," Nemko said. "I knew that they were abstract, but I thought I should write them down."

With her hands flailing around, her knees bending with every beat, and her voice changing octaves continuously, her movements allowed the audience to almost move to the beat with her.

Her poems, which are her own material, have come from her personal experiences. While her poems rang through the room, the sound of a deep bass accompanied her.



Although Nemko does not even know how to play an instrument, she feels her words convey her actions.

"This is my instrument. I always wanted to play an instrument, but I never did, but now it feels as though I do," she said.

Nemko continued by saying that reading alongside Hustad allows the same poem to have various interpretations.

"He inspires me to read it differently every time. I love it, because we act off each other," Nemko said.

Nemko said she loves doing exactly what she is doing and plans on taking advantage of every opportunity to make a poem out of it.

## Students are easy prey for scholarship scams

By Remi Sklar  
Daily Staff Writer

A warning to all students: you may be the next victim of an illegal scholarship operation.

Students inquire about scholarships because they need additional money in order to receive an education. But when they do, many are unaware of fraudulent companies that target college campuses for the purpose of taking money instead of giving it.

"It seems unfair that people would actually take advantage of students who are trying to pay their own way," said architectural engineering sophomore Patricia Nguyen.

Students are not powerless, however. There are several ways they can protect themselves from scholarship scams as the March 2 priority filing deadline for financial aid approaches.

Director of Financial Aid John Anderson said the first step students can take is to be aware of potentially fraudulent companies.

"I would strongly encourage students to be careful when applying for scholarships," Anderson said. "We want students to be aware of these operations

going around the country."

The fraudulent operations often have trademarks students can use to spot a potential scam. Anderson said students should take extreme caution if the scholarship has an application fee.

"People are being asked to pay \$5 or \$10 and are never awarded," Anderson said.

A company that requires a fee can make a profit even if the price is low, because they receive thousands of applications. Some companies which charge students make awards, but some do not.

Another common scam is disguising post office boxes as suite addresses and not offering a phone number to answer students' questions.

"They collect the students' money from mail drop boxes and then they move on to more unsuspecting campuses," Anderson said.

Darlene Cappellotti, a Financial Aid adviser, said students should be wary of names which sound impressive, but could be costly, such as operations that add "National," "Federal" or "Foundation" to their title.

See SCHOLARSHIPS page 3

## Construction teams take top honors for projects

By Jeff Deach  
Daily Staff Writer

They're on a roll — and it shows.

Cal Poly's construction management department collected a handful of awards last week from the Ninth Annual Construction Management Competition in Reno, Nevada. Cal Poly was the only university to receive an award in every division.

**"We have become the school everyone wants to knock off."**

Jim Roger

Head, construction management

According to Jim Roger, construction management department head, Cal Poly has won something every year. "We typically walk away with our fair share," Roger said.

The department placed first in both the Residential Construction Division and Heavy/Civil Division. They received second place in the Design Build Division and third in the Commercial Construction Division.

First place winners were awarded \$1000, second place received \$500 and third place, \$250.

The competition was presented by The Associated Schools of Construction Region VI and consisted of 19 universities from Montana to New Mexico. Among the schools were the University of Southern California and the University of California, Berkeley's graduate programs.

Each competition division had a team of five students who worked on a construction problem provided by industry representatives.

The teams were given the problems at 5 p.m. Monday and had to turn in their answers by 5 p.m. Tuesday. When finished, each team presented its solution and the reasoning behind that solution.

A panel of judges consisting of vice presidents, project managers and superintendents of construction companies who have worked on similar problems then determined the winners.

According to Bryan Dissman, a construction management senior and member of the residential team, his team was given a set of plans for an apartment complex. In 24 hours, they had to come up with a bid for the project along with scheduling and staging of the work to be done.

See CONSTRUCTION page 16

INSIDE TODAY'S  
MUSTANG DAILY

NATION

Investigators suspect jammed exit doors and windows caused eight of the 11 fatalities in Friday's Amtrak wreck

See page 12

WORLD

Latest act in the resurgence of terrorism in England kills one, injures nine

See page 2

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TOP  
OF  
THE

## AGENDA

Tuesday

Feb.  
20

15 days left in winter quarter

TODAY'S WEATHER: showers, thunder storms

TOMORROW'S WEATHER: possible rain, clearing

Today's high/low: 60s/ 50s Tomorrow's high/low: 60s/ 50s

**Mexico de Noche "Colores de Nuestra Cultura," put on by the Grupo Folklorico Imagen y Espiritu, is selling tickets for its performance March 9. Call 756-1421 for tickets.**

**Today**

**The San Luis Obispo California Highway Patrol** is issuing a "Red Alert" to kick off a vehicle registration enforcement drive Feb. 20-23.

**Women's Week Feb. 20:** The Orchestis Dance Group will present highlights of its spring concert in Chumash Auditorium at 11 a.m. "The Stronger Women Get, The More Men Love Football" is taking place in Chumash Auditorium at 7:30 p.m.

**Upcoming**

**Women's Week Feb. 21:** A discussion titled, "Women Leaders and Physical Activity: The Impact of title IX" is taking place in UU 220 at 11 a.m. Mary Kay Harrington will discuss in UU 220 12:30 p.m. on how the Dutch began the tradition that changed Western painting.

**The Physics Colloquium** is having a discussion titled, "Physics Today (...and Yesterday) Feb. 22 in Science 52 E-45 at 11:10 a.m.

**The Bioremediation Club's** guest speaker this week is Dr. Kitts, from the biological sciences department, who will be presenting his work on "Bioremediation applications to hazardous munitions waste problems" Feb. 22 in building 52, room A-12 from 11 a.m.-12 p.m. For more information, call Ben De Liema at 544-1107 or bdeliema@flute.

**A biological career panel** is taking place Feb. 23 from 3-5 p.m. in the museum in Fisher Science (33-285).

**Agenda Items:** c/o Natasha Collins, Graphic Arts 226, Cal Poly 93407  
Phone: 756-1796 Fax: 756-6784

\*\*\*Please submit information at least three days prior to the event\*\*\*

Due to the excessive demand, not all items submitted to the Agenda section will be printed. Agenda information will be printed exactly as it is received (i.e. spelling, times and dates).

**IRA admits to London bus bomb**By Robert Barr  
Associated Press

LONDON — The IRA claimed responsibility Monday for a blast that ripped through a double-decker bus in central London, killing one person and injuring nine. Police said they believed the bomb was detonated accidentally and the carrier may have been among the victims.

Two people were arrested Monday under anti-terrorism laws, Scotland Yard said, but it refused to say whether they were connected to the Sunday night explosion. Police also said a weapon was recovered from the wreckage, but gave no details.

Despite some Protestant political leaders' demands that the government lock up all suspected IRA leaders, British and Irish leaders continued trying to salvage the battered peace process in Northern Ireland.

The Irish Republican Army had already killed two people in London since calling off its 17-month cease-fire Feb. 9.

Scotland Yard said there was no warning before the 10:38 p.m. explosion at the edge of the theater district, near Covent Garden's popular restaurants and bars.

Commander John Grieve, head of Scotland Yard's anti-terrorist unit, said the bus "was not the intended target," although he couldn't say what was.

The IRA, in a statement telephoned to the British Broadcasting Corp. in Belfast, Northern Ireland, claimed responsibility.

"We can say at this stage we regret the loss of life and injuries which occurred," the caller said.

The mangled and burned wreckage continued to block traffic Monday while police technicians probed for clues. Buses carry video cameras, but it wasn't known if they survived the blast.

Four victims of the blast remained hospitalized Monday.

Dr. David Williams, director of Accidents and Emergencies at St. Thomas' Hospital, where the victims were treated, confirmed Monday that armed guards were

**"You have always got it in the back of your mind that you could be in the same street next time."**

John Langton  
Delivery person

on duty in the hospital. Scotland Yard refused to comment on the reason for the extra security.

Williams said one injured man, 38-year-old Ralf Hobart of Torquay in southwestern England, suffered severe injuries on the right side of his face and was in critical condition. His girlfriend, Denise Hall, 30, also was injured.

Londoners, meanwhile, settled into the familiar routine of bomb alerts, train cancellations and immobilized traffic.

"You have always got it in the back of your mind that you could be in the same street next time," said John Langton, who was delivering meat Monday near the scene of the bombing.

"I am just carrying on as normal. There is nothing you can do — except hope the bombs don't come to you."

Peter Robinson, deputy leader of the Democratic Unionist Party, the third-largest and exclusively Protestant party in Northern Ireland, urged the government to simply lock up suspected IRA leaders.

However, Sir Patrick Mayhew, Britain's minister responsible for governing Northern Ireland, said the search for a peaceful settlement would continue despite the bombing. He rejected Protestant calls for the government to end all contacts with the IRA's allies in the Sinn Fein party.

"It's perfectly clear that this (bombing) is part of a campaign designed to make the British government, a democratic government, comply with the wishes of terrorists. But of course that's going to fail," Mayhew said.

John Hume, leader of the Social Democratic and Labor Party, which gets most Roman Catholic votes in Northern Ireland, met for two hours Monday with British Prime Minister John Major. Hume said they exchanged proposals, but he gave no details.

"I welcome the fact that the government is urgently dealing with the matter by meeting with all parties and with the Irish government," said Hume, whose secret dialogue with Sinn Fein president Gerry Adams contributed to the IRA cease-fire.

Bertie Ahern, leader of Fianna Fail, the largest party in the republic of Ireland, said he planned to meet this week with Adams. Ahern's party had enthusiastically welcomed Sinn Fein as a partner in the peace process following the IRA cease-fire in September 1994.

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The ASI Board of Directors needs your comments on what we are doing wrong, what we are doing right, and what you would like to see changed. All input is valuable and will be treated as such. Everyone currently enrolled on campus is invited to attend.

*Help us decide the future of ASI*



## CAMPAIGN: Dole says he's 'clear choice' for GOP

From page 1

offering himself as the "clear choice" for Republicans.

At a high-tech computer company in Rochester, he attacked Buchanan for protectionist trade proposals he said would put the export-reliant plant "out of business."

Buchanan, for his part, opened the day with a pep rally for workers at his Manchester campaign headquarters and professed himself "a little nervous."

When a supporter predicted a big Buchanan victory, the candidate said, "If we can get something like that here, we will go all the way. They will not stop us."

In a TV interview, Buchanan faced more questions about his views on social issues such as homosexuality.

He said he wouldn't allow openly gay people to work in his administration if elected. "I don't think their lifestyle should ... discredit the administration," Buchanan told CNN.

The major candidates kept up the negative tone of the campaign — one of the harshest ever — right to the end.

A new Buchanan radio ad aired Monday attacking Dole as "a desperate man" and alleging that, "his campaign is making telephone calls smearing me; his surrogates are openly attacking my character."

Publisher Steve Forbes joined three lesser-known GOP candidates — California Rep. Bob Dornan, Illinois manufacturer Morry Taylor and conservative talk show host Alan Keyes — at a pancake flipping contest and breakfast in Manchester.

Forbes' pancake broke up in the air and fell to the ground.

"I'm not used to doing it," he explained.

The heir to the Forbes publishing fortune had a more positive prediction for his self-financed campaign, saying he was ready to press on beyond New Hampshire regardless of the vote.

"We're in for the duration," he said, and predicted "a surprise" on Tuesday.

At a campaign stop in Manchester, Forbes also tossed out the names of two well-known conservatives he'd consider as potential running mates on a Forbes ticket — former Education Secretary Bill Bennett and former housing secretary Jack Kemp. Bennett is an Alexander supporter; Kemp has remained neutral.

A poll by the University of New Hampshire Survey Center for the Boston Herald and WCVB-TV, released on Monday, showed Dole at 22 percent, Buchanan at 19 percent, Alexander at 18 percent — a statistical tie within the poll's 5 percentage point margin of error. Forbes was at 10 percent.

"The most striking finding is the underlying volatility which still characterizes the race," said pollster Kelly Myers. "Even among 'most likely' voters, 13 percent remain undecided."

Alexander, finishing his walk across New Hampshire with a 1.5-mile stretch from Portsmouth to an oceanside mall, invited supporters to put on red and black plaid shirts — his trademark — and join him.

Meanwhile, Sen. Dick Lugar of Indiana called the race "a demolition derby" for all its negative charges and counter-charges, and held out little prospect for finishing in the top tier.

## Few details in military jet crash

Associated Press

SAN DIEGO — Details remained sparse Monday in the fatal crash of an F-14D "Tomcat" fighter jet during routine flight exercises off the Southern California coast.

The crash, which killed the pilot and the radar-intercept officer, was the 31st involving an F-14 jet since 1991, although Navy spokesman Doug Sayers said there has been no apparent "common thread" among the mishaps.

The names of the dead were being withheld Monday afternoon because the Navy was still trying to locate one family, Sayers said.

The crash occurred around 12:30 p.m. Sunday about 120 miles off the coast in an area the Navy uses for exercises. The circumstances were not immediately known.

"Given the area they operating in, they could have been doing anything," Sayers said. "Supersonic, missile shoots, gunnery practice, just basic boat work. They could have been practicing their approaches to the carrier."

The jet was part of Fighter Squadron 11, which was taking part in a two-week operation with the USS Carl Vinson. The squadron is based at Miramar Naval Air Station in San Diego and the Carl Vinson is based in Alameda, Calif.

The Carl Vinson arrived in San Diego late Monday morning.

The last mishap involving a jet from Fighter Squadron 11 was Feb. 22, 1994, when two aviators bailed out of their F-14D Tomcat about 900 miles southwest of San Diego. The jet crashed into the ocean and the crew members suffered minor injuries.

On Jan. 29, a Navy F-14A returning home to Miramar slammed into a Nashville, Tenn., neighborhood shortly after takeoff. Two crew members and three people on the ground were killed.

The commander of that squadron, Cmdr. Fred Kilian, has been relieved of his command because of its poor safety record. Fighter Squadron 213 only regained its flight status Wednesday following a safety stand-down.

In October 1994, an F-14A crash off the San Diego coast killed Lt. Kara Hultgreen, one of the first women to qualify for a Navy combat aviation assignment.

The F-14D, introduced in 1992, is the newest model of the Tomcat fighter. It has upgraded engines and avionics. The F-14A was introduced in the early 1970s.

## SCHOLARSHIPS: Most scholarship databases can be accessed for free

From page 1

"We are hearing about companies who masquerade behind official-sounding names," Cappellotti said. "They use the names to target students by campus and by major."

Not only are students being ripped off by operations that pretend to award scholarships, but some franchises claim to search for scholarships for a fee. Instead of providing opportunities to pay for students' education, they are stealing students' aspirations.

Cappellotti said one student's

parents paid \$800 to scholarship-search services and never received any funds in return.

"Whether you pay \$25 or \$800, you basically get the same information," Cappellotti said. "Anything over \$50 for database information is excessive."

Scholarship-search franchises use a small number of national databases to locate the awards, she said, so a cheaper company may have the same information that a more expensive one will provide.

Instead of paying a ridiculous amount for information on

scholarship opportunities, Cappellotti said, students can find similar information for free or for a small cost. Scholarship information is available through the library, Student Services and the Financial Aid office.

Cappellotti said students should come to the Financial Aid office if they want information or if they are suspicious of a scholarship offer. Suspicious organizations can also be checked with the Better Business Bureau, the National Fraud Information Center (800-876-7060) or the State Bureau of Consumer Protection.

# HOLLYWOOD

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Feb. 19-21  
9am-3pm



# OPINION

4 TUESDAY FEBRUARY 20, 1996

MUSTANG DAILY

## COLUMN

### AOD SPIRIT

Some  
Practical  
Information  
Regarding  
Intoxicating  
Tidbits

### When you partake...

So it's 2 a.m. ... You've made the mistake of having way too much to drink. Getting behind the wheel of a vehicle is just not an option at this point, as the many drinks you've partaken in have rendered you useless. Your vision is blurred. The one person who is dancing in front of you looks like about three. TIME TO MOVE! Get up, get on, get out. Time to head home. Time to fall into the soft comforts of bed, or the floor, or wherever else you choose to land after flying in the front door. But how are you going to get home?

Well there are a few things you can do at this point. First, realizing that you're NOT GOING TO DRIVE, find someone sober who can. Don't trust the person next to you who stumbles over and says "Aaww dude, I can drive." Call someone you can trust. See if there is anyone at the party or the bar, who you KNOW is sober. Someone who you know has NOT been drinking. If you can't find somebody there, call a friend, roommate, or whomever. Sure, your drunk call at 2 a.m. may not make your friend very happy, but they'll be much happier to hear your lovely voice from a party, rather than the SLO county jail. Or worse yet, someone's not so lovely voice from the hospital.

Now, you've made the call. One problem, nobody's home. There are some other things you can do. For a mere \$4, you can call the folks at Ride-On at 541-TRIP. Or an even better deal, buy your Ride-On pass ahead of time for only two bucks! That's less than most pints will cost you at the local pubs! Best part about it, is that it is good for an ENTIRE YEAR! (Thursday, Friday and Saturday nights only of course). Get 'em at the ASI ticket office in front of the Rec Center.

Piling the back of a cab is also a good way to get home. Check the yellow pages and dial up your favorite cab company.

Now, if you had to scrounge change from your friends to pay for that last call, and you still don't have a ride, WALK. No place in San Luis Obispo is too far to walk. It may seem like a long way during the day, but after a few, what was a mile, will only feel like a couple of steps when you're with friends. Remember, there is strength in numbers, never walk home alone. Even though SLO is a small town, it's not necessarily a safe town.

If all else fails, crash at someone's place. Either at the party you are attending, or a friend who lives close to downtown. Sleep it off. The only way for your body to get rid of alcohol is time. Nothing else. You can drink coffee, water; you can eat all the bread you want, but alcohol will remain in your blood. So deal with it. Be safe.

Now, you've made arrangements to get home, but you're worried about your car. Nobody likes parking tickets; so here are your options. First, not every parking area in the downtown vicinity has parking restrictions. Before you drink, park a little farther away. Two blocks out of downtown and you're parking for free with no worry of a ticket. If you don't want your car downtown in the first place, and you want to hit happy hour or a pre-party, take the bus.

(Remember the same big metal thing that brings a lot of us to school?) It also runs other places in SLO besides Cal Poly and your house. Even if you do leave your car, and you do get a little love note from the City of SLO, the \$8 that ticket costs you is a heck of a lot less than the \$2,500 that a DUI could cost. Think about it.

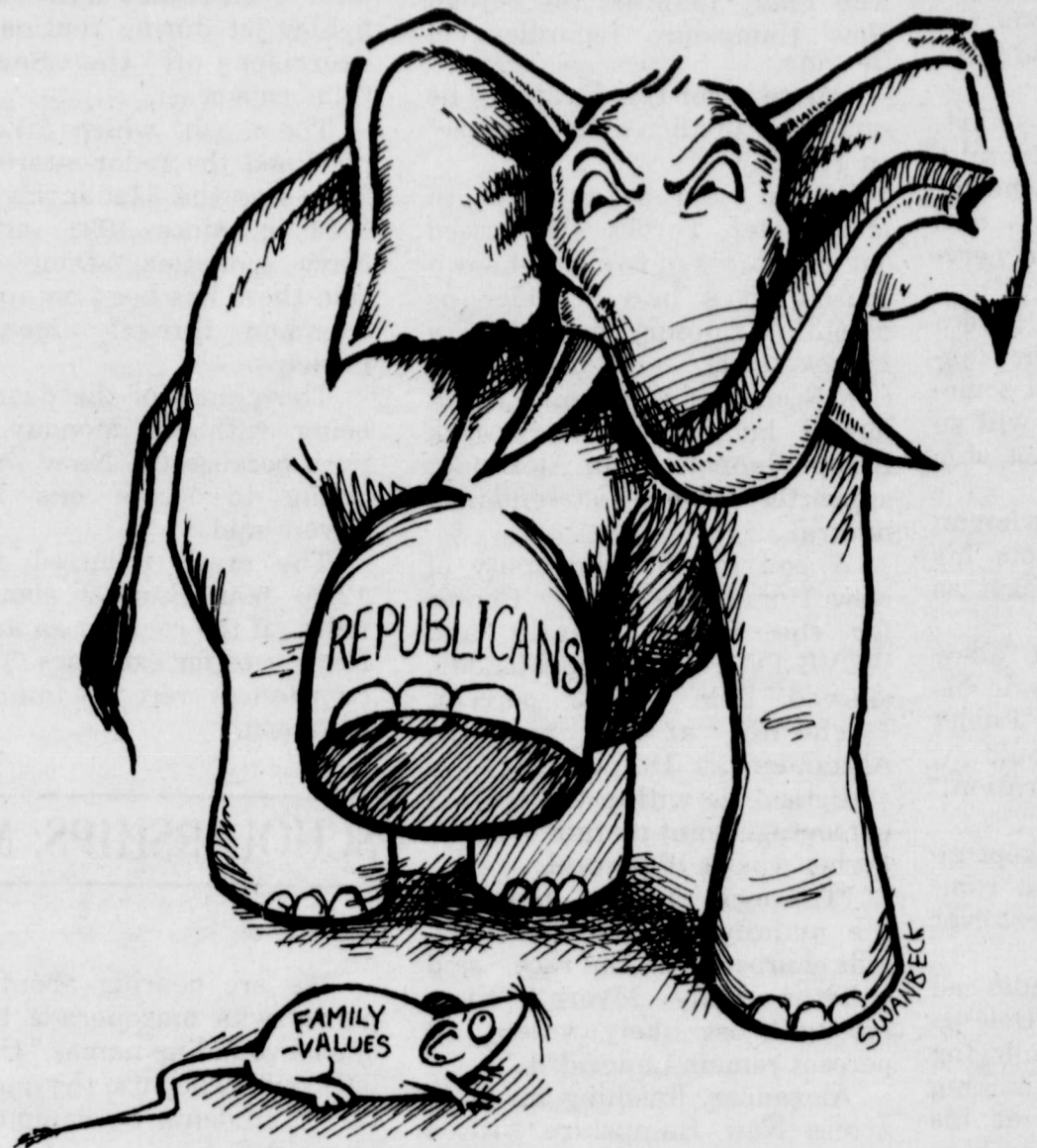
Above all, the best way to avoid all this mess and worry is, well, simply don't drink.

Please write down your questions for AOD SPIRIT and drop them off at the Student Health Network, located downstairs in the Health Center, or mail them to Student Health Network, Health and Psychological Services, Building 27, Cal Poly, San Luis Obispo, CA, 93407 Attn: AOD Spirit.

Remember, you don't need to include your name, and submissions need to be in by next Tuesday.

Ashish Arya and Craig VanderZwaag are biology seniors.

## COMMENTARY



### The fight isn't over

by Lisa A. Grossman

The pill, condoms, diaphragms, Norplant. Do you use any of these birth control methods? If you do, you have been the beneficiary of feminists.

Oh, say it isn't so — the "f" word. Yes, that nasty word used to describe those neo-Nazi lesbians who hate all men and are trying to destroy the family with their evil ways. Fortunately, those ladies make up but a small minority of the women and men who describe themselves as feminists. We feminists are also mothers, doctors, lawyers, teachers and secretaries. Feminists are married and single, we are all shades of the rainbow and of all religions. Thanks to the work of such early feminists as Margaret Sanger, who fought the political establishment controlled by men, you are now reaping the benefits of birth control. I want to dispel the myth of feminism, to open your eyes to the realities of the assaults on your legal rights by the right wing.

**Have we forgotten it was only 75 years ago that we gained the right to vote? Without the work of feminist organizations, you would not have gained the right to an abortion, legalized just 23 years ago.**

Lately, we have seen many attacks on women, men and minorities. For example, the effort to repeal affirmative action, repealing the Family Leave Act, cuts to student loan programs, Head Start, Medicaid and Medicare, parental consent for abortions as well as waiting periods. Now Congress has taken over the role of doctor by outlawing medical practices regarding abortions and RU-486, the abortion pill.

Have we forgotten it was only 75 years ago that we gained the right to vote thanks to early feminists such as Elizabeth Cady Stanton and Lucretia Mott? Without the work of feminist organizations such as NOW, you would not have gained the right to have an abortion, legalized just 23 years ago. Because of these neo-Nazi feminists, flight attendants are no longer required to quit when they reach 32, get married or become pregnant. Because of the work of feminists, in 1966 a federal court found an Alabama law that excluded women from state juries to be unconstitutional. The work of feminists made it illegal to discriminate against women in hiring, promotions and compensation.

Just because these rights are now ours does not mean they will stay. We are not all equal today. We are not equal in pay, in education or in the workplace. You need only look as far as your classrooms. Count the number of

women professors on the tenure track at Cal Poly — 16 percent are women, 2 percent African-American and 4.1 percent are Mexican-American.

Pay is not equal. Women are making 75 cents to a man's dollar. African-American women are earning 63 cents and Latinas 56 cents. Who do you think has been trying to change this? Feminists. Surprise, 75 percent of all working women will still earn less than \$25,000 a year. Will you be one of those statistics? In 1994, a woman with an MBA from one of the top 20 business schools earned an average of 12 percent less in her first year of work than her male classmates. In 1995, women make up over 60 percent of the welfare rolls.

Unless women's economic status changes, these numbers will only get worse. As Congress eliminates welfare programs, cuts student loans, cuts Medicare and increases funding for the military, they are making economic choices against women. Women do not dominate military jobs, men do. When we eliminate the earned income tax credit, we raise taxes on the poor while giving tax breaks to the wealthy. The tax breaks for corporations are justified by the claim that the rich will reinvest in their communities, yet we see AT&T laying off 40,000 employees while reaping record profits.

The Republican party is not going to maintain your most basic rights and protections to a job, an education or your body. By eliminating such programs as affirmative action, employers will have the legal right to discriminate against you based on your gender, race, religion or disability. How many of you plan on having children? Most of you can forget taking a leave of absence to care for your child without fear of losing your job if Republicans have their way. So much for family values.

I don't want you to go back to the days of coathanger abortions, no women's suffrage and segregation. Unfortunately, the Republicans want to go back to those traditional days when women were subordinates, wives were legally considered "de jure slaves" of their husbands, as it was in Louisiana until 1978. A time when women were legally sexually harassed and discriminated against. A time when women lived with domestic violence to maintain the traditional family.

Please don't take your rights for granted. You can make a difference for yourself, your sisters and your daughters. The issue of feminism and equal rights for all is not restricted to women, it is about men too. We can vote in this presidential election for candidates male or female who want to maintain these rights as well as look forward to the future.

Lisa Grossman is a political science lecturer.

## MUSTANG DAILY

"Bustages...antipasta...I'm against it."

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## COMMENTARY

## V-chip: potato chip

by Mark Anthony Gray

There has been a lot of talk about the Communications Decency Act, but most of it has been about the "indecentcy" on the 'net. The problem is that I just don't think that "indecentcy" has been concretely defined; therefore, I doubt it will hold up well under trial.

However, this is not what I am concerned about. I am much more concerned with the V-Chip, a government device which allows adults to screen out certain bits of television programming from their children.

**I don't understand why parents need this "V-chip." Haven't they heard of the remote control? If you don't like what's on, turn it over or turn it off. It doesn't take a rocket scientist to push buttons.**

My question about this is simple: why does everyone seem to like this idea? The only thing I can see the V-Chip doing is making television sets more expensive, and allowing the government to make a profit from the sale of these chips.

I don't understand why adults — parents — need this V-Chip. Haven't they ever heard of the remote control? It is the simple alternative: if you don't like what's on, turn it over, or just turn it off. It doesn't take a rocket scientist to push buttons, and I find it hard to believe that people

who can't even program their VCR will be able to program this V-Chip.

Of course, most people will say that the children will be able to tune into the terrible things on television themselves. But what, praytell, will they watch? It's not like there is anything which may be deemed "offensive" on television when the parents are at work. Sure, there are those tacky talk shows that feature the kind of people who love to have all the attention, but give children some credit. Why would a normal child understand or CARE about that kind of thing? I know that when I was that age, I would look for "children's programming" because that was what I was interested in — not some morons shouting at each other.

So, all I can say is that parents need to give their children some credit, and believe that they have brought their children up right.

If they need a V-Chip to do the work for them, then I think the parents have more deep-rooted problems than just the bad things that can be seen on television.

These politicians and parents need to get a life. The V-Chip is just the result of false hype and false hopes — and the politicians just cater to our worst fears to help them push themselves ahead of all the other politicians.

*Mark Anthony Gray is a computer engineering sophomore who wonders if this article may be considered "indecent" by someone, somewhere...*

## Just profanity

by Tad Stacy

I am writing to congratulate Jason Plemons for his decision to run the headline with the word "asshole." I think it was a sound decision on his part, showing true emotion on the subject of racism in California. What bothers me about the article is that it is getting much more attention for its profanity versus the content of the article. It seems that more people are concerned about the use of profanity than the level of racism in this state.

**I think Jason has done us all a favor. He has stirred up the people, made them start to think. Controversy seems to fuel the minds of people and get them to look at the current state of affairs.**

I have to say that it does not surprise me due to the fact that this is such a white, conservative-dominated campus.

Profanity (of some sort) can be found in every language across this planet and is indicative of the very culture of the people.

Profanity is normally used to debase another. KKK members have used profanity to debase minorities (racial and sexual) and taken actions to subjugate those people. Many people feel strongly about free speech even in the context of the KKK using it against others. Well, if that is the case, why can't Jason use "asshole" in his title, it is free speech?

Actually I think Jason has done us all a favor. He has stirred up the people, made them start to think. Controversy seems to fuel the minds of people and get them to look at the current state of affairs.

But the article was about racism and too many people don't seem to get the point. Jason stuck his neck out to make a point, a point that KKK members are "assholes" and that by having a gathering during Black History Month is a deplorable act.

Finally, I would like to look at the word in question, "asshole." Since it is getting so much press (KSBY, New Times, and many replies) along with other profanities printed in retort to Jason's article, I would like to argue that the word and its implications cannot be replicated by any non-profane counterparts. Yes, the KKK members are ignorant, bigots, socially incorrect, politically incorrect and a whole bunch of other things. But the emotive value is not there, those words cannot conjure the intense amount of disgust some people feel towards the KKK and its ideas and objectives.

So all of you out there that feel so offended, don't read the material, don't look at the headline anymore because all of your complaints and feelings that the article was so wrong have only publicized the word "asshole." And sadly enough, the true content of the article about racial tensions in this state was ignored. Where is your objectivity when reading the article?

*Tad (David) Stacy is a social science senior.*

## LETTERS

## Don't bag on Modesto

Editor,

I have had it! This is going too far for my hometown, Modesto. I would like for you to change the subject and stop calling my hometown a bad place. I lived in Modesto for 20 years and had no problems. I have never seen such problems with racists or the KKK before in my life. Jason Plemons must not pick the headlines from another town and rewrite them into big headline for the Mustang Daily. This is dumb. It is not right and I suggest that he pick his own words elsewhere and do it right for the Mustang Daily. This is college life. Enjoy the freedom!

Lee Waltrip

Environmental horticulture sophomore

## Computer clueless censors

Editor,

To the people that made up this Decency Act, I say "Stay out of things that you have no clue about!"

Bill Clinton and our lovely senators and representatives have no clue to what the Internet is all about. They probably even call it the "Information Superhighway." When I hear this catch phrase, I know they have no clue to what they are talking about. These people making these acts are old and have no sense of technology. They are afraid that the Internet will get out of control so they make an act that restricts it. My answer to them is, "You're very much misinformed."

I have to agree with James Green, Feb. 9, that we need to turn our homepages background to black. We need to show our opinions now or we might not have that right later down the road. We also need to raise hell to our senators and representatives to stop any further acts like this one.

This is just infringing on our First Amendment rights, and hopefully will be overturned by a ruling of being unconstitutional. So send your senator or representative a friendly e-mail stating how you feel.

Shawn C. Farmer  
Electrical engineering junior

## The Daily ship runs aground

Editor,

It is by now quite clear that Jason made an error in judgment. I share the opinion that the now notorious headline was misplaced. However, as a member of the journalism program, it saddens me to see what has happened in the aftermath. Rather than standing behind Jason as a good reporter and editor who has made a serious mistake, some of the members of the Daily staff are diving off the bow of what they believe is a sinking ship. Rather than pulling together as a team and bailing water, they're chastising the man at the helm for running aground. It's pathetic to see reporters and staff trying to separate themselves from the controversy and begging readers for forgiveness. What readers ought to hear is not how immature some reporter thinks the editor in chief is, but what the Daily is doing to prevent this kind of thing from happening again. Where did the STAFF go wrong, where did NEWSROOM POLICY go wrong?

I fully expected the readers to nail Jason to the cross for this one. And so they should if that's their inclination. I just didn't expect to see members of the Daily staff join in the dance around the ritual fire.

Derek Aney  
Journalism senior

## Good call, Plemons

Editor,

I congratulate you for having the chutzpah to publish the headline that you did. You were selected editor, given the responsibility for what goes in the paper, and the right to make final decisions. You write the paper, we decide whether or not to read it.

I read it every day.

Brian Johns  
Computer science senior

FROM THE HIP:  
Who is your role model  
or who do you admire?

Interviews by Jennifer Cornelius  
Daily photos by Juan Martinez



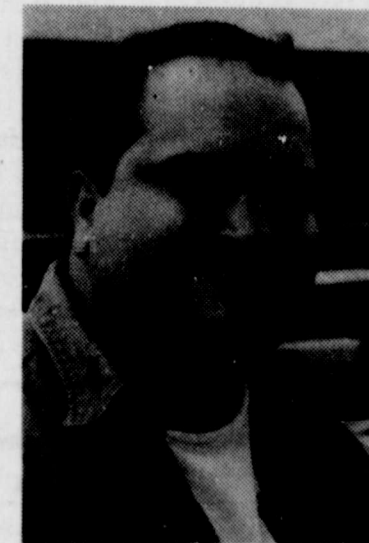
"G. Gordon Liddy. Because when the heat was turned on, he took it like a man. He didn't sell out when it was in his self-interest to do so and didn't take anyone else down."

Shawn Vance  
History senior



"Winnie the Pooh. He's so simple. He has a simple philosophy on life, always looking out for his friends. He's a good guy."

Christie Lowy  
Soil science senior



"My dad. He's the person who taught me the most. I'm a lot like him. My dad died in July. I think about him everyday — a lot of the things I do, I do cause I've learned it from him."

Patrick Sharp  
Mechanical engineering senior



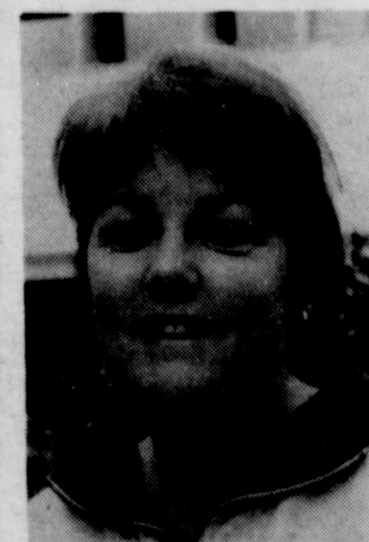
"My dog, Beantz. She lives for the moment and loves life and she's refreshing company (when she's not a pain)."

Kim Bikle  
Agriculture business senior



"Richard Feynman (a Nobel prize physicist). He managed to do science and remain crazy."

JD Brigance  
Environmental engineering senior



"My husband. He's very solid, goal oriented, and understanding. He's not too set in his ways. We listen to each other. He's the reason I'm back in school."

Karen Huskey  
Liberal studies junior



## Supreme Court looks at sentencing in King case

Associated Press

LOS ANGELES — The U.S. Supreme Court on Tuesday will consider how much sentencing discretion federal judges should have when the government argues for longer prison terms for two policemen convicted of beating Rodney King.

The Supreme Court will consider whether a judge erred when he sentenced Stacey Koon and Laurence Powell to 30-month prison terms rather than the 70- to 87-month terms recommended in sentencing guidelines.

"What this case is really about is what kind of discretion does a trial court have to deviate from the guidelines and what should be the role of the Court of Appeals in reviewing that," said University of Southern California law professor Erwin Chemerinsky.

The case was originally scheduled to be heard by the nation's highest court in early January, but was postponed after a fierce snowstorm prevented lawyers from getting to the courthouse in Washington D.C.

Koon and Powell, now former police officers, were convicted of violating King's civil rights by beating him during a 1991 traffic stop. Koon, Powell and two other officers were acquitted on state charges in a jury verdict that prompted the 1992 Los Angeles riots. They were later retried on federal civil rights

charges. The other officers were acquitted a second time, but Koon and Powell were convicted.

Koon and Powell, both freed in December, face the possibility of going back to prison for an additional four or five years.

U.S. District Judge John Davies, who sentenced the officers, offered several reasons for departing from the guidelines.

Davies said he believed that King provoked the officers' actions and that Koon and Powell would experience an "unusual susceptibility to prison abuse" because they were former police officers and because of public outcry over the beatings.

In late 1994, the 9th U.S. Circuit Court of Appeals disagreed with Davies and ordered the defendants re-sentenced. Their attorneys appealed to the Supreme Court.

"Our approach is that Congress intended that judges have some flexibility in the sentencing process and that what the judge in this case did is squarely within the discretion that Congress intended sentencing judges to have," said Koon's attorney, Theodore Olson, of Washington D.C.

"We believe the Supreme Court took this case because the 9th Circuit was wrong," Olson said. "We expect that the 9th Circuit case will be overturned and judge Davies' decision will be upheld."

## Macintosh software to Motorola

By Catalina Ortiz  
Associated Press

SAN JOSE, Calif. — Apple Computer Inc., seeking to revive its stalled licensing strategy and boost its shrinking market share, said Monday it has granted rights to its Macintosh operating system to Motorola Inc.

The agreement could greatly extend the Macintosh's reach into China through a joint Motorola venture with that nation's biggest electronics company. It also is part of an Apple drive to spur the development of more Macintosh software.

Encouraging more Macintosh software is seen as critical to the survival of Apple, which is suffering through a string of financial and marketing mishaps.

"Our intention is to get as many people around the world excited using (the Macintosh operating system) as we can," said Gilbert Amelio, Apple's new chairman and chief executive officer.

With Monday's agreement, Motorola becomes the largest company to "clone" the Macintosh. It also is the first company to win the right to sublicense the MacOS, the program that controls the Mac's basic operations.

That means other manufacturers that buy Motorola boards and systems — the inside workings of a computer — can make machines running the Mac software without having to negotiate with Apple.

"I think this is a significant step because it makes the (licensing) process more flexible and allows us to move ahead quickly," Amelio said.

The deal with Motorola is the biggest strategic move announced so far by Amelio, who took charge of Apple earlier this month. While the agreement was in the works before he became CEO, Amelio has pledged to aggressively pursue such licensing deals to try to encourage software developers to keep writing programs for the Macintosh.

Amelio succeeded Apple CEO Michael Spindler, who was ousted Feb. 2 after the company reported a loss in the last three months of 1995, forecast another for the start of 1996 and began laying off 1,300 workers.

Apple, based in Cupertino, Calif., for years would not let other companies make copies of its popular Macintosh. Industry observers consider that Apple's greatest mistake, a missed opportunity to set the industry standard.

But the company, hurt by competition from personal computers built around Intel Corp. chips and Microsoft Corp. software, relented in September 1994. So far, however, only a handful of small companies have reached licensing agreements with Apple, most notably Power Computing Corp. of Milpitas, Calif.

Under Monday's pact, Schaumburg, Ill.-based Motorola will use the MacOS in its own brand of workstations intended for corporations, a market dominated by Sun Microsystems, Hewlett-Packard and Silicon Graphics. Apple is strong in the home, education, desktop publishing and multimedia but has made few inroads in the business world.

"We're really excited about this. We think it's a great opportunity to promote and grow the Mac platform," said Joe Guglielmi, vice president and general manager of Motorola's computer division.

Apple put no restrictions on what type of computer Motorola or sublicensees can make or where they can sell them, he said.

See MOTOROLA page 12

## 3.2-magnitude earthquake hits 90 mi. NE of LA

Associated Press

LUCERNE VALLEY, Calif. — A 3.2-magnitude aftershock of the 1992 Landers earthquake shook this San Bernardino County area Monday but no major damage or injuries were reported, authorities said.

The quake at 5:08 a.m. was centered 28 miles east-northeast of the community, which is 70 miles east of Los Angeles, said seismologist Nick Sichel of the California Institute of Technology in Pasadena.

The 7.3-magnitude Landers earthquake of June 28, 1992 was followed a few hours later by a 6.5-magnitude quake in the Big Bear Lake area.

The quakes left one person dead, injured more than 400 and caused nearly \$100 million in damage.

### Duckworth Environmental Services

\*\*\*\*\* On Campus Interviews MAR 4 \*\*\*\*\*

- HVAC manufactures representative Duckworth Environmental services in Fresno, CA seeks entry level sales engineer.
- Train under experienced staff for career in HVAC equipment sales to mechanical contractors, engineers, and facility owners.
- Must have basic knowledge of HVAC principals thermodynamics, heat transfer, and fluid flow.

\*\*\*\* check with Career Services for details \*\*\*\*

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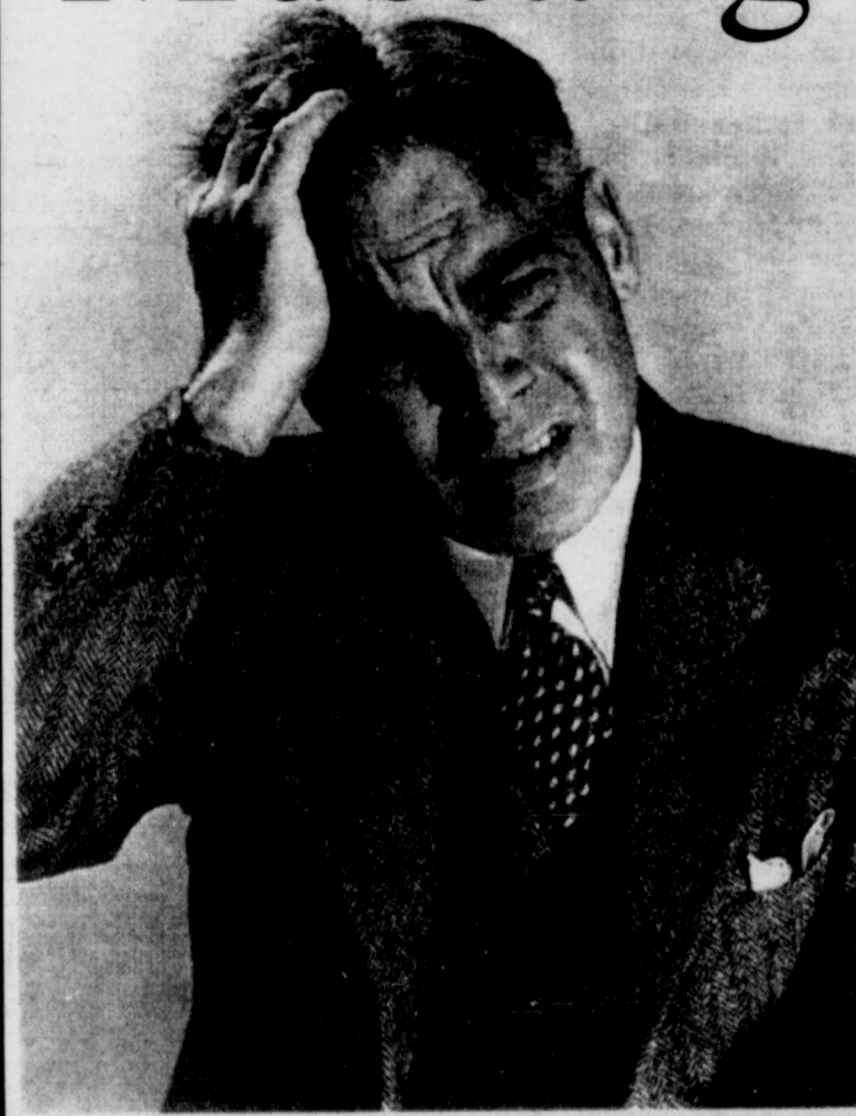
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### Attention Liberal Arts Majors

New GEB F.1 Class  
Spring Quarter

Humanities X250 Computer Applications in the Liberal Arts is a new 4-unit class especially designed for the Liberal Arts majors that satisfies GEB F.1, the computer literacy requirement. It will meet MWF 10-12 during Spring, and will be taught by Prof. Peggy Lant of the English Dept. Topics include Microcomputers, networked computer systems, software, electronic mail, the internet, the world wide web, and web authoring.

Information: klant@oboe, or 756-2331.

Course work will be geared to liberal arts topics

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# NATIONAL ENGINEERS WEEK

## Celebrating People and Progress National Engineers Week - February 18-24

Walking by the new Cal Poly Performing Arts Center, you might not notice its radical state-of-the-art heating and ventilation system. Designed to maximize acoustics in the performance halls, the air conditioning system is built on the outside of the structure and the ducts have their own suspension system which will minimize vibrations and noise. Who thought of that? Answer: an engineer.

For all of their contributions to our modern world, most people don't know much about engineers or what they do. That's the purpose of National Engineers Week—to help increase public understanding of the engineering profession.

"The work engineers do is everywhere," says **Ryan Averill**, this year's campus Commissioner of National Engineers Week, "but the public never really gets to see who does it. I think that's why National Engineers Week is important—it's not only an opportunity to showcase engineering achievements, but it's a chance to link human faces with the advanced technological systems we use everyday."

Events are planned on campus and around the nation for National Engineers Week in celebration of the professional and community service of engineers while focusing public attention on how technology and engineering accomplishments have contributed to societal progress. Established in 1951 by the National Society of Professional Engineers, National Engineers Week is an annual event sponsored by a coalition of engineering societies, government agencies, and major corporations which together represent America's engineers. This year's celebration is being coordinated by the Society of Manufacturing Engineers with L.D. DeSimone, Chairman and CEO of 3M Corporation serving as Honorary Chair.

A highlight of National Engineers Week is presentation of the Draper Prize, the "Nobel Prize" of engineering, by the National Academy of Engineering. Named after Charles "Doc" Draper, the father of modern inertial guidance systems, the biennial prize is awarded to the world-class innovators who create pivotal new ideas and then translate them to practical use. This year's winners are John R. Pierce and Harold A. Rosen whose development of communication satellite technology helped usher in the communications era of today.

Other programs and events planned in conjunction with National Engineers Week include Discover"E," an outreach effort that sends volunteer engineers into K-12 classrooms and shopping malls, and the Future City Competition. Discover"E" brings engineering to students and their families via hands-on activities such as model bridge-building contests that show practical applications of math, science and technology. Likewise, the Future City Competition features computer-generated cities of the 21st century designed and built by seventh- and eighth-grade students.

Cal Poly engineering students, too, will have a chance to compete here on campus in the ASME (American Society of Mechanical Engineers) National Design Contest, the ASME Qwerty Contest, and a Calculator Toss sponsored by Hewlett-Packard and the Engineering Student Council.

The week's on-campus agenda also includes the Engineering Club Fair, the College of Engineering Bar-B-Que sponsored by the College of Engineering Department Heads along with Dean Lee and the Engineering Student Council, the Career Symposium, the Minority Engineering Program's Corporate Social & Academic Recognition Banquet, and the Society of Women Engineers' Evening With Industry.

"We've got an exciting week planned," says Commissioner Averill. "Whether you're into philosophy or phys. ed, we hope you'll drop by and check out some of the really great projects undertaken by the various engineering clubs, or be amazed and delighted by the fantastic Rube Goldberg inventions. And engineering students can participate in any number of activities. Above all, I hope National Engineers Week gives everyone a chance to actually meet an engineer or future engineer... because engineering isn't just about machines; it's also about the people whose talents, skills and imaginations have contributed so much to progress."

## A Message from Dean Lee

It is a pleasure to welcome you to National Engineers Week. This annual celebration honoring engineers and the engineering profession is an ideal opportunity to spotlight our students and faculty in the College of Engineering and to recognize their enthusiasm and commitment to the highest possible standards of achievement. Additionally, it's a time when we can reflect on the significant contributions made by engineers in general to our quality of life and to our national prosperity.

Engineering, without a doubt, is the single profession most responsible for the look and nature of modern society. Our lives, both at work and at home, are shaped by technological innovation and by transportation and communication systems designed by engineers. Engineering molds the work we do, the goods and services whose exchange is the basis of our economy, and the tools we use. Engineers led the Industrial Revolution of the late 18th and early 19th centuries with a host of inventions that would change our world forever. Likewise, today, engineers are establishing the cutting edge of the 21st century with the explosive impact of a revolution in telecommunications and computer technologies.

Revolution, however, does not come without responsibility. The Founding Fathers of our country not

only fomented revolt, they also shouldered the burden of establishing a new nation. So, too, engineers should take leadership in equipping our society to function effectively in



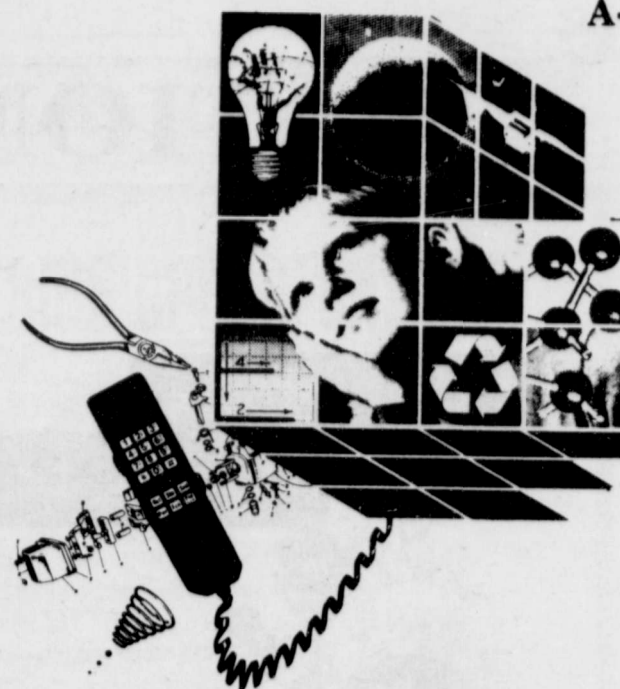
this rapidly emerging technological era. In order to reap all the promise of the new era and to extend its benefits to all our citizens, we must accelerate our efforts to ensure a broad-based "technological literacy" encompassing an understanding of the nature of technology, the technological transformation of the modern world, and the economic, political and cultural issues stemming from engineering innovation.

Within our own university com-

munity, Cal Poly's College of Engineering is committed to providing opportunities that will result in technologically literate engineering and non-engineering students alike. What has technological literacy to do with students in architecture, or food science, or business, or English? In our society, the structures we build, food we produce, business we develop, services we provide, and arts and letters we create are all directly or indirectly affected by technology and its profound influence on our culture and our way of life. Technological literacy is integral to the success of each student within their chosen academic and professional fields. And, in guiding the campus toward a more complete understanding of technology, the College of Engineering proudly takes its place as part of the Cal Poly faculty team reputed for graduating liberally-educated leaders who are technologically accomplished and aware—alumni who are eager and prepared to make their own contributions to society.

On behalf of the engineering faculty, staff and students, therefore, I invite everyone on campus to join us in celebrating National Engineers Week. We also look forward to your participation in the months and years ahead as we continue to develop and shape our technological environment in support of a better world.

Engineers  
Make It  
Work



## 1996 National Engineers Week Schedule of Events

*Wednesday, February 21*

### Club Fair

11 a.m. - 2 p.m., Dexter Lawn

### ASME National Design Contest

11:30 a.m., Dexter Lawn

### ASME Qwerty Contest

1 p.m., Dexter Lawn

*Thursday, February 22*

### Career Symposium

10 a.m. - 3 p.m., Chumash Auditorium

### Engineering BBQ

11 a.m. - 1 p.m., Dexter Lawn

### Calculator Toss

11:30 a.m., Dexter Lawn

*Friday, February 23*

### Volleyball Tournament

1 p.m., Recreation Center

### SWE Evening With Industry

6 p.m., Embassy Suites

*Saturday, February 24*

### MEP Corporate Social and Academic Recognition Banquet

5 p.m., Sandwich Plant

## Engineering Clubs Flourishing

People used to think that engineers spent all their waking hours bent over slide rules. Well, forget the slide rules. And if the more than forty engineering student clubs and professional societies abounding at Cal Poly are any indication, you can also forget the idea that engineers are solitary types. Ranging from the Association of Environmental Professionals and the International Society of Hybrid Micro-Electronics to the Robotics Society and the Space Advocacy Society, the student organizations represent most of the national professional societies in the field of engineering.

"I'd guess that over 90% of all engineering students belong to one or more organizations," says **Dan Biezad**, aeronautical engineering professor and Faculty Advisor to

Mustang Aviation. "These groups do more than just round out the classroom curriculum; they address the students' need for social and professional interaction while providing a vital link to the community."

Asked what the members of Mustang Aviation do when the club convenes, President **Mark Kettering** replies with a laugh, "We eat! The club is really an important social outlet. But we also sponsor a lot of guest speakers such as industry specialists, an internationally-known Formula One racer, or an FAA flight safety expert. So we learn a tremendous amount about the field, too."

According to **Dr. Jay DeNatale**, Faculty Advisor to the Society of Civil Engineers (SCE), there are three primary benefits to student chapter involvement: academic/professional,

See CLUBS page A-3



# NATIONAL ENGINEERS WEEK 1996

## The Minority Engineering Program: A Partner in Success

TRW ideas

from the edge



Taking it to the limit and beyond is what we do best at TRW Electronics Systems and Technology Division. And "it" can be anything from spacecraft payloads to wireless communication systems for diverse international markets. Now your opportunity to shoot for the stars or shake the world is coming to campus. During 1996, our high tech electronics organization has targeted over 100 positions to be filled by individuals with either a BS or MS in:

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- MECHANICAL ENGINEERING
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- MATERIAL SCIENCE
- MANUFACTURING ENGINEERING AND TEST

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**TRW**

TRW Electronics Systems and  
Technology Division

The Minority Engineering Program located in Building 40 may not supply fresh-baked cookies or laundry facilities, but many engineering students nonetheless consider it their academic and cultural "home" on campus. One of those students, electronics senior **Ana Franco**, explains how MEP has helped her: "Not only do I receive scholarship aid through MEP, but from my freshman year on, I've gone there for tutoring services, to work in the two computer labs, to connect with study groups, and to meet friends. MEP has even given me a job—a couple years ago, I got hired as a math tutor and now I work 20 hours a week with incoming freshmen as a math facilitator. But more than anything, I've found that MEP staff really cares about my goals and achievement; **David Cantu**, **Roy Haynes** and **Dorothy Jefferson** are terrific counselors and always willing to provide assistance."

**Juan Plancarte**, an ME senior agrees. "I really appreciate the help available from MEP; the staff, tutors and students are open and willing to share their experience and advice."

As Plancarte and Franco indicate, MEP offers the academic, counseling and financial support services which boost the retention rates and help ensure the academic and professional success of Poly's minority technical and engineering students. Some of those successes will be celebrated on February 24 at MEP's annual *Corporate Social and Academic Recognition Banquet* held from 5-9 p.m. at the Sandwich Plant. Ana Franco and Juan Plancarte, in fact, are two of the forty students slated to receive financial scholarship awards at the event which features a reception, dinner and awards program. Attendees include corporate representatives as well as students. Several student groups also make presentations including the Society of Black Engineers and Scientists (SBES), the Society of Hispanic Professional Engineers (SHPE), and the American Indian Science and Engineering

Society (AISES).

MEP Director David Cantu explains the multifold importance of the Banquet: "We're very proud of these students all of whom have GPA's of 3.0 or above, and we think they deserve special recognition. Additionally, the Banquet is a way to thank the company donors while personalizing their gifts. Obviously, MEP students are thrilled to receive awards, but industry representatives also enjoy meeting the students who benefit directly from scholarships provided by their companies."

Among others, MEP's corporate sponsors include the following:

Amdahl Corporation  
Applied Magnetics  
Hewlett-Packard  
Hughes Aircraft  
Hughes Aerospace & Engineering  
Hughes/Santa Barbara Research Ctr.  
IBM  
Chevron Advisory Service

Lockheed Martin Missiles & Space  
Lockheed Martin Skunkworks  
Northrop Grumman  
Pacific Bell  
PG&E  
Tandem Computers  
TRW  
United Defense Corporation  
Westland Engineering  
Wayco Fire Extinguishers  
Xerox

Cantu notes, "We really appreciate the corporate citizenship of our industry sponsors who work hand-in-hand with us to increase the representation of people of color, women, and the handicapped in engineering. Likewise, the Minority Engineering Program's purpose is to enhance the success and further the dreams of Poly's minority engineering students by offering support, presenting opportunities, and setting high standards of achievement."

## Building Equipment, Building Careers.

The Semiconductor Equipment Group of Watkins-Johnson Company is experiencing unprecedented growth at both our San Jose and Scotts Valley facilities. With 950 people and \$220+ million in sales last year, we are looking to hire an additional 500 new employees to keep up with our growth.

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Field Service Engineers

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Mechanical Design Engineers

Manufacturing Engineers

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• Asian-Pacific Field Sales/Service

Technical Marketing Engineers

Software Engineers

Software Quality Assurance Engineers

Start-up Engineers

Information Session, February 15 at 7 PM  
On-Campus Interviews, February 16

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SEMI-CONDUCTOR EQUIPMENT GROUP

## ASME Contests Highlight Creativity

For most of us, popping a balloon means simply sticking a pin into inflated latex. For contestants in the Qwerty Competition, however, popping a balloon must involve at least fifteen separate and distinct mechanical tasks. Sponsored by the American Society of Mechanical Engineers (ASME), the Qwerty Competition involves the display, description and demonstration of Rube Goldberg-like machines; the contest will take place Wednesday, Feb. 21 at 1:00 on Dexter Lawn. The machines entered can execute any arbitrary job such as popping a balloon, pouring a drink, or launching a marble into a cup; but according to contest rules, the machines must perform such modest functions as ingeniously as possible using levers or pulleys or any other mechanical de-

vice (electrical components are limited).

ME senior **Justin Roman**, ASME's National Engineers Week Chair, notes that the Qwerty Competition tests creativity as well as engineering skills. "This contest gives students a chance to dream up some wild machines—it really capitalizes on the ME design classes we take that emphasize the importance of creative approaches to engineering problems."

In comparison to the Qwerty Competition, ASME's 1996 Student Design Competition (to be held Wednesday at 11:30), has stricter design parameters. All the shoe box-sized machines entered must transfer water between two cups using a single AA battery and Radio Shack DC motor. Roman explains that the strict regulations not only necessitate a

creative response, but that the contest simulates the conditions encountered in professional engineering. "In real life," Roman says, "there's a lot of fixed design constraints and engineers must creatively meet the challenge of those limits."

Winners of both the Qwerty and Student Design Competition will receive cash prizes. Additionally, ASME will sponsor the winners of the Design Competition to compete regionally. "We've had Cal Poly engineers go all the way to the National ASME Design Competition," states Roman. "Our club looks forward to putting on these contests every year because they're exciting and inspiring and because we want to have a hand in Poly's tradition of engineering excellence."



# NATIONAL ENGINEERS WEEK 1996

## SWE'S Evening With Industry Tops Success-Filled Year

Once again, Cal Poly's Society of Women Engineers has been named the "Best Student Section" in the Southwestern U.S., an honor it has earned for seven of the past eight years. Recognized as one of the "top ten" in the country, the organization also placed first in the College of Engineering project displays for Open House 1995.

SWE President **Tara McLaughlin** credits the club's success to an active membership, high achievement expectations, and strong institutional support from the College and industry. "We've had a great year: we've increased membership participation;

we've planned new and continuing programs to give SWE students as much academic and social support and exposure to the professional world as we can; and we've benefitted from the confidence and generosity of industry sponsors like Hewlett-Packard and Lockheed Martin."

With these successes in mind, SWE members look forward to their 20th Evening With Industry, an event that combines celebration, recognition of excellence and support, and career-building. Banquet Chair **Tiffany Martindale** explains, "The Evening With Industry Banquet is always inspiring and fun. It gives us

a chance to clap for the outstanding engineering students who receive awards and to recognize and thank the companies that have supported our efforts. And because over thirty-five companies attend, the event presents an opportunity to meet and mingle with industry professionals in a casual atmosphere."

Evening With Industry (Friday, Feb. 23) begins with a social hour at 6:00 in the Embassy Suites atrium, followed by dinner and an awards program in the Grand Ballroom. Sun Microsystems V.P. and Cal Poly alumna, Kathleen Holmgren, will be the Keynote Speaker.

## Alum Kathleen Holmgren Returns as SWE's Keynote Speaker

Although she was pretty sure she wanted to be an engineer, Kathleen Holmgren's first major at Cal Poly was mathematics. "I just didn't know what the different engineering fields entailed," she remembers; "But the speakers programs sponsored by SWE and the various engineering clubs and departments provided role models who really helped me choose a major and determine a career path."

On Friday, Feb. 23, Holmgren returns to Poly as a speaker and role model herself. "I'm honored and

thrilled to address the 20th annual Evening With Industry," she says. "I hope that by presenting my own career road map and the lessons I've learned along the way, I'll help SWE members envision career options and opportunities, and give them some ideas on how to reach their goals."

Holmgren's "road map" is studied with achievement. At Poly, she earned a B.S. in Industrial Engineering and was the first woman ever to receive the College of Engineering's Outstanding Graduate Award. Af-



ter obtaining an M.B.A. from Stanford University, Holmgren went to work

See HOLMGREN page A-4

### CLUBS from A-1

service, and social. "SCE members gain greater insight into the practice of civil engineering, and through club activities they become more aware of career opportunities," explains DeNatale. "Additionally, SCE's service programs provide a means for the students to use their technical knowledge to improve their community. Finally, SCE provides an opportunity to learn how to work effectively as a team, and to have fun collaborating on group projects."

The projects undertaken by Poly's student engineering groups are diverse. SCE, for instance, has designed a bridge over a creek in Morro Bay; the Amateur Radio Club provides communications support for the

Wildflower Triathlon and serves as an Emergency Communications Center; SEAOC, the Structural Engineers Association of California, puts on an annual Structural Forum; and ASME has developed World in Motion, a program to educate local elementary students about science and engineering.

Some of the hands-on learning projects involve participation in regional and national competitions, and many Poly engineering teams have finished at or near the top in these matches over the past several years. Examples of these achievements include the following:

ASME won 2nd place in the '94 National Collegiate Human Pow-

ered Vehicle Competition; IIE (Institute of Industrial Engineers) took 2nd place in the Regional Computer Simulation Contest; IEEE (Institute of Electrical & Electronic Engineers) won 1st and 2nd in the Micromouse Competition at the spring regional meeting; ASCE was named Best Student Chapter in the nation for '94; SHPE (Society of Hispanic Professional Engineers) was recognized at the National Student Leadership Training Institute last August as the chapter with the highest membership at the national level; ASAE (American Society of Agricultural Engineers) won the Man-Mile Award at the ASAE national convention in '95; ACM (Association for Computing Machinery) placed 5th and 8th in the Southern California Regional Programming Contest; APICS, the Educational Society for Resource Management, was noted for biggest student representation and participation in the San Diego Regional Conference; AIAA (American Institute of Aeronautics & Astronautics) was named the Most Outstanding Student Branch for Region 6, placed 2nd and 3rd in the Student Design Competition, and had a team member win 1st in the Individual Student Design Division.

As the projects and awards listed above demonstrate, the members of Cal Poly's engineering clubs and societies have high achievement goals and they are committed to their profession and their community. But what also stands out is that engineers are incredibly active and committed to getting the most out of their engineering education. And, as ASME club member **Steve Myers** points out, "Engineering students would have to be statistically indeterminate not to join the fun!"

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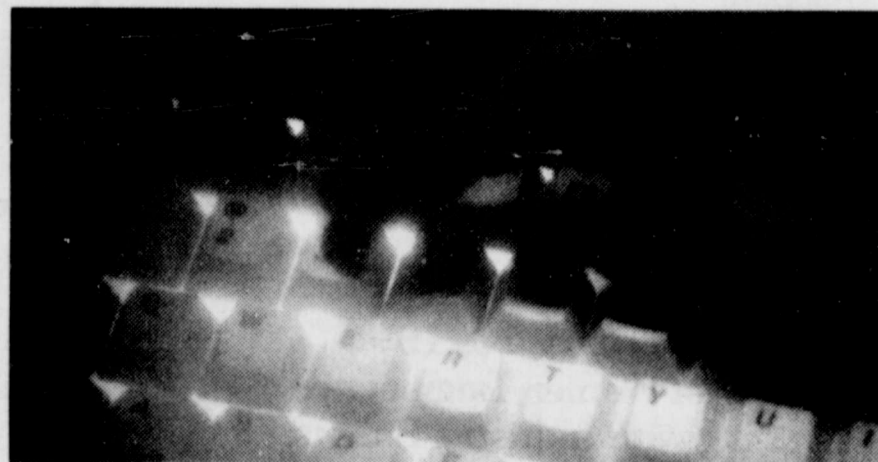
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- Feb. 28th On-Campus Recruiting •

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Monday, February 26, 1996

7:00pm - 8:30pm

Interviews are being scheduled for Tuesday, February 27, 1996.

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# NATIONAL ENGINEERS WEEK 1996

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We look forward to continuing this strong partnership and salute the many individuals at Cal Poly that make it happen!

#### On Campus:

**Thursday, February 22, 1996**  
Career Symposium  
MBA Reception

**Friday, February 23, 1996**  
Society of Women Engineers -  
Evening with Industry Banquet

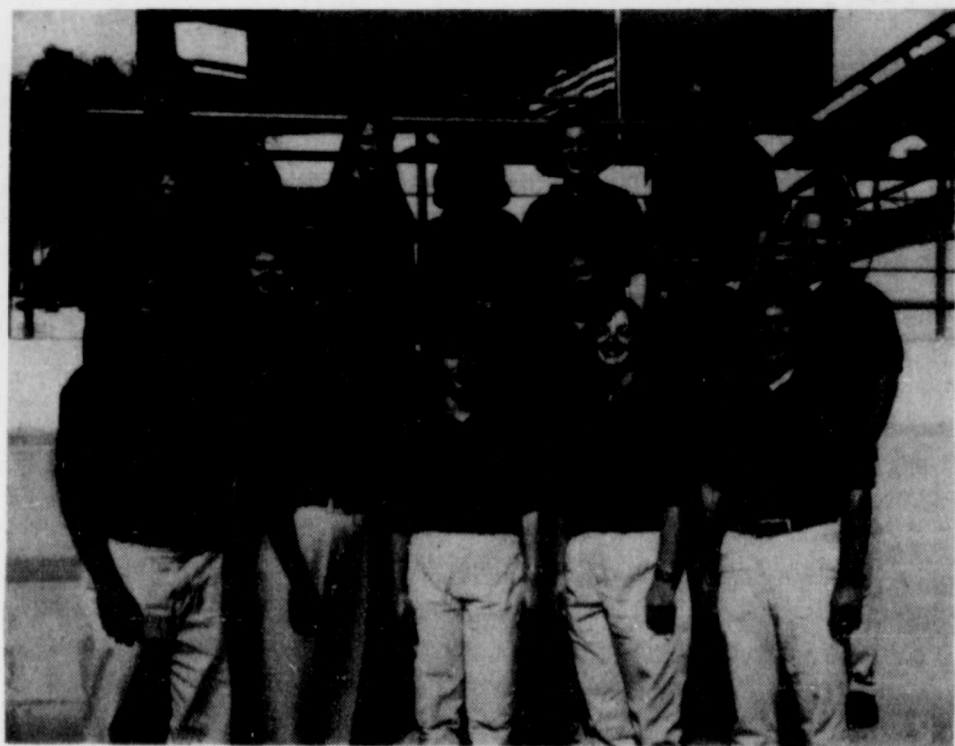
**Saturday, February 24, 1996**  
Minority Engineering Program,  
Corporate Social and Academic  
Recognition Banquet

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### College of Engineering Ambassadors



This remarkable group of students comprises the College's public relations team. They regularly greet industry representatives and campus visitors and also represent the College at special events. 1995-96 Ambassadors include: (front, left to right) Daniel Mahoney, Jenet Alviso, Jennifer Perez, Susan Wian, and Josh Molho; (middle) Aaron Olsen, Yesenia Alvarado, Nancy Buell, Dola Contreras, Heather Fortunati, Alicia Young, and Carlos Padilla; (back) Eric Vinande, Melissa McConnell, Catherine Clark, Nikki Aurelio, Genevieve Villemaire, and Evan Eakin.

PAID ADVERTISING SECTION

## Bright Employment Forecast for Poly Engineers

Like most students, engineering majors have concerns about finding a job after graduation. And, after listening to the national news announcing cutbacks and layoffs at many major companies, it is certainly possible to have employment nightmares.

**Take heart.** Career Counselor **Jane Johnson** has good news: "The employment outlook for Cal Poly's 1995-96 engineering graduates is definitely good and getting better," she states. "There are more jobs at better salaries, and we're seeing more recruiters on campus." In fact, according to a nationwide survey by the Western Association of Colleges and Employers, job opportunities will be up about 3.1% this recruiting season.

The favorable employment outlook is reflected in more campus recruiting by employers and an increase in jobs listed with Career Services. Johnson observes, "Over forty more

employers visited the campus this fall, 75% of whom were recruiting for engineers. Plus, we placed approximately 25% more students in cooperative education assignments."

Asked to comment on the relative hireability of Poly engineers, Ken Larson, Personnel Manager at Hewlett-Packard's Roseville Networks Division replies, "Cal Poly is a great school and we find that its engineering graduates come to industry trained on the latest technology. But each firm has its own view of the abilities that differentiate candidates beyond their technical background. At HP, we feel that the ability to think 'outside the box,' to look for the underlying problem or issue and to be curious about the different pieces of the puzzle--to think in terms of systems rather than discrete topics, are what differentiates candidates for our positions. This implies correctly that we don't have pure hardware, software or mechanical jobs. We need people with detailed technical

skills and a broad understanding of technology. We find that here at Cal Poly."

Johnson notes that opportunities are most plentiful for graduates in electrical/electronics engineering and computer-related fields. But the number of entry-level engineering positions available have also increased because many companies in fields that have been downsizing in recent years (such as aerospace) are back in the market. Additionally, while the job market continues to be strongest for employers in the service sector, such as the fast-growing computer software development industry, the percentage of openings from manufacturing employers has also increased. "Cal Poly engineers are receiving most of their offers from consulting firms, electrical and electronic equipment manufacturers, and mechanical equipment manufacturers," reports Johnson.

Students hoping to capitalize on

See **EMPLOYMENT** page A-5

## Top Employers of Poly Engineers

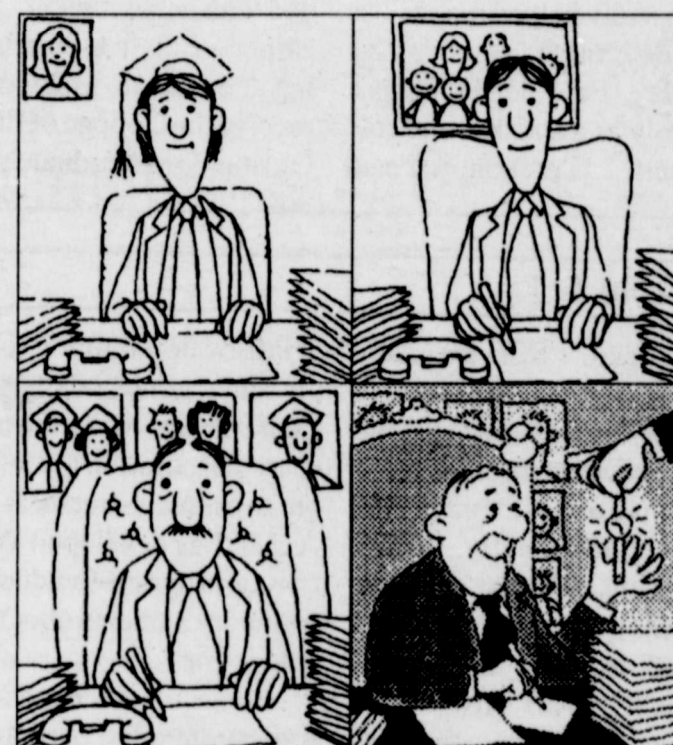
Each year, Career Services surveys graduates within the first year of graduation to determine employment status, job titles, employers, and salaries. The information collected is combined with independent surveys conducted by academic departments and employer recruiting reports. Based on the last three years of this Employment Status Report, the top employers for the College of Engineering are the following:

Andersen Consulting  
Hewlett-Packard  
Teradyne  
Applied Materials  
General Electric  
Silicon Graphics  
IBM  
TRW  
Microsoft  
CalTrans

### HOLMGREN from A-3

for Sun Microsystems Computer Corporation. During the past eleven years with Sun, Holmgren has managed multiple functions such as industrial engineering, materials, production, and logistics. She is currently Vice President/General Manager of the Storage Products Business Unit which handles all of Sun's disk, removable media, and memory products. The company recognized Holmgren as one of its top leaders with the presentation of Sun Microsystems' Excellence Award in 1992. In addition to her impressive professional resume, Holmgren is the mother of three children aged 8, 6 and 2.

"It's a special pleasure to return to Cal Poly," Holmgren states, "because I'm a very strong advocate of the education I received here. I'm a 'hands-on' learner who really benefitted from the 'learn by doing' philosophy. Moreover, I'm ever grateful for the personal interest my professors took in me; their support and friendship has had a lasting effect on my personal and professional development."



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Building 65

10:00am to 3:00pm



# NATIONAL ENGINEERS WEEK 1996

## ESC = Outstanding Student Representation



ESC members beam with pride after winning the award for Outstanding Student Representation. Council members from left to right are: (front) Aileen Sicangco, Cheryl King, Lara Tigmo, Yazmin Torres, and Yesenia Alvarado; (back) Brian Lim, Ramin Kolahi, Mike Giannini, Ryan Averill, and Bill Watkins.

Last October, ten members of Cal Poly's Engineering Student Council (ESC) flew to Austin, Texas to attend the Annual Conference of the National Association of Engineering Student Councils. They returned with the Award for Outstanding Student Representation.

"We were honored," says ESC Chair **Cheryl King**, "but not totally surprised because I think the award reflects two things: first, ESC has tremendous energy generated by the enthusiasm and hard work of its Officers, Directors, Senators and Commissioners. Second, the Council is implementing a new structure this year which is designed to maximize participation and communication among engineering students, departments and administration, and to enhance representation of the College at the university level."

At ESC's helm is the Executive Board which oversees all the Council's activities; this year the executives are Chair King, Senior Vice Chair **Lara Tigmo**, Vice-Chair of Finance **Joe Ventura**, and Vice-Chair of Communications **Ramin Kolahi**. Guiding and supporting the Council

are **Dr. Ken Brown**, Faculty Advisor, and **Dr. Paul Rainey**, Associate Dean of Engineering.

Representatives of over forty engineering student clubs and societies make up the ESC

Senate which functions as a meeting place for delegates to clarify the collective perspective of the College of Engineering regarding university and academic policies. This perspective is then conveyed to the Associated Students, Inc. (ASI) Board of Directors via five representatives

elected by engineering students. The ASI Board of Directors for the College of Engineering include **Bakir Begovic**, **Nick Demongines**, **Alberto Gonzalez**, **Mike Rocca** and **Guiv Soofer**.

Another function of the Council is to bring engineering students together in activities that reinforce their personal and professional goals. The ESC Commissioners plan and direct events sponsored by the Council such as National Engineers Week, the Annual Engineering Awards Banquet (so-sponsored by Dean Lee), and Open House. In addition, each department is represented by a student in the major. These major Commissioners act as liaisons between ESC and the faculty and students of the various departments.

"By incorporating department liaisons and students who plan and

administer ESC activities, the new structure decentralizes the Council and allows more people to become actively involved," explains King. "Where, in the past, five or so officers did all the work planning events, now at least twenty students have joined the ESC leadership team. As a result, the Council has more energy, is more visible and can do more for the engineering students at large."

Kolahi, sees even broader advantages to ESC: "I really respect the professional commitment of engineers; and when they have strong communications and teamwork

abilities, they become even more valuable members of society. Getting involved with the ESC gives students a chance to hone those skills. Not only does the Council enable students to meet socially, have fun, and get excited about engineering; but it offers lots of opportunities for leadership training and experience."

The ESC Commissioners and event planning groups meet Mondays at 6:00 p.m. in UU 219. The ESC Senate convenes each Wednesday at 5:00 p.m. in UU 220. All Cal Poly engineering students are invited to attend these open meetings.



Photo by **Brian Cross**

The 1995-96 Engineering Student Council. In dark colored shirts are the Senators and members of the Board of Directors, standing in the light colored shirts are the Commissioners, and seated are the Executive Board Officers.

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 multi-disciplined research center chartered to identify, develop, and transfer technology to these 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 with superior engineering resources to meet our goals.

We wish you a successful  
National Engineers Week!

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### EMPLOYMENT from A-4

the favorable employment outlook should take advantage of the Career Services resources. "We offer both career counseling and employer networking opportunities," says Johnson. "Every student is welcome to come by and look at the campus recruiting schedule or get tips on job search strategies, resume writing and

interview techniques. And we hope all students will visit the Career Symposium--it's never too soon to start getting ideas about career choices and job opportunities."

Students can contact Career Services at 756-2502 to schedule an appointment; drop-in hours are from 1-4 p.m. daily.

### COMPUTER SCIENCE

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Proficiency with the operation of IBM compatible PCs and the use of various engineering design tools such as spreadsheets, WP and CAD/CAM are highly desired. Microprocessor firmware design and structured SW/HW design experience also desired.

The successful candidate will work on a small engineering team whose assignments cover the entire task from concept to test range integration. You will be directly involved in the preparation of written schedules, technical reports, plans, test procedures and installation instructions.

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ON CAMPUS INTERVIEWS: WEDNESDAY, FEBRUARY 28TH

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Livingston, CA 95334  
Attn: Tom Kaiser

# Eight of 11 killed by flames and smoke in Maryland train crash

By H. Josef Hebert  
Associated Press

WASHINGTON — Eight of 11 people killed in the fiery crash of a commuter and an Amtrak passenger train died from flames and smoke, not from the impact of the crash, a medical examiner said Monday.

The disclosure focused renewed interest on reports from survivors about jammed exit doors and windows aboard the commuter train. It also raised questions about Amtrak's widespread use of an older model locomotive with diesel tanks exposed on the side and susceptible to rupture.

The Maryland Rail Commuter train smashed into the lead Amtrak locomotive at an angle during a snowstorm Friday in Silver Spring, Md., just north of Washington. The collision punched a gaping hole into the locomotive's side and ruptured a fuel tank, and burning fuel oil engulfed in flames both the locomotive and the lead commuter car.

A second Amtrak locomotive, just behind the one that spewed the massive ball of flame, was of a newer model in which the diesel tanks are enclosed.

All of the 11 fatalities, including eight Job Corps trainees and three MARC crewmen, were inside the lead commuter car.

Dr. John Smialek, Maryland's chief medical examiner, said Monday that two crew members and one of trainee sustained fatal injuries from the impact. The other eight were killed as a result of the fire.

Examination of the charred remains of eight of the victims showed "no evidence of injuries that would have been fatal by themselves," Smialek told The Associated Press in a telephone

**The collision punched a gaping hole into the locomotive's side and ruptured a fuel tank, and burning fuel oil engulfed in flames both the locomotive and the lead commuter car.**

interview.

Investigators of the National Transportation Safety Board have yet to determine the cause of the crash. They are concentrating on the track's signal system and whether the MARC train's engineer noticed a yellow warning light three miles before the crash warning him to slow to 30 miles an hour.

Investigators have determined the commuter — a

locomotive pushing three passenger cars — was traveling 63 mph when the engineer, a 26-year railroad man, applied the emergency brakes. The commuter's speed was still 40 mph when it struck the Amtrak locomotive, which had just turned to its right to cross to a parallel track after passing a stopped freight train.

The NTSB also plans to ask the CSX Transportation Corp., which owns and operates the track, why a warning signal closer to the shunting switch than three miles was removed during a track overhaul three years ago.

But because investigators are extremely interested in survivability of such a collision, they are following up closely reports that many of the victims survived the crash, only to die in the flames.

Lt. Denise Fox, a spokeswoman for the Montgomery County, Md., fire department said the night of the crash that the first firefighters on the scene saw "people banging on the windows, trying to get out."

The NTSB board member heading the investigation reported at the weekend that survivors reported problems in the MARC cars with closed doors and emergency windows that did not pop open as they should have after impact.

# FDA critics say: too much red tape

By Loran Neergaard  
Associated Press

WASHINGTON — Government doctors thought they'd finally proved Americans get life-saving new medicines as fast as or faster than Europeans, but critics are insisting that's not good enough.

Afraid the good news could slow congressional efforts to revamp the Food and Drug Administration, its detractors are charging that hidden red tape forces U.S. drug makers to spend 15 years developing a single medicine.

Incensed regulators say that's just not so.

It's a question that becomes pivotal Wednesday, because which side Congress believes could determine whether it gives an overhaul or merely a face lift to the agency responsible for safeguarding medical therapy.

"We are far and away ... ahead of the world," fumed the normally imperturbable Dr. Murray Lumpkin, the FDA's drug chief.

Countered Robert Goldberg of George Washington University: "Patients are still waiting longer

than necessary."

Congress begins debating legislation Wednesday to make the FDA get new therapies to patients faster.

A Senate plan would force the FDA to review new medicines under strict deadlines and streamline the time spent testing new products. The House will explore a much more radical alternative: Let private companies approve new medicines to reduce the FDA's role to that of a gatekeeper that ensures the firms are certified to work properly.

The hearings promise to be feisty and partisan: Just last week, House Republicans apologized for announcing them to FDA critics before giving Democrats the date.

Nobody disputes that FDA has worked too slowly; in 1987, it took three years on average to review a drug. The FDA argues that it has improved on its own, averaging 16 months last year. More important, it cut in half the review time for "breakthrough" medicines, taking six months to clear drugs for killer diseases or first-of-a-kind treatments.

International drug records

show that last year Americans were the first users of 10 of the world's 28 breakthrough drugs. Germany and Belgium had the next-highest rate of first approvals, with three.

The figures stunned FDA critics, and drug makers conceded the agency had improved.

The critics are giving Congress two new arguments:

—All told, the rest of the world got 18 of last year's 28 breakthrough drugs before Americans.

"I would hope the FDA would aspire to be the world's leading regulatory agency," Gerald Mossinghoff of the Pharmaceutical Research and Manufacturers Association wrote the FDA last week. "The U.S. discovered 52 percent of the important drugs marketed in industrialized countries between 1975 and 1994, yet 67 percent ... were approved abroad first."

—FDA requirements for how companies test a new medicine force drug makers to spend 15 years developing a single drug, Washington University's Goldberg charged.

## MOTOROLA:

From page 6

it would make, when they would be on the market or how much they would cost.

Motorola's Mac license is itself no big deal, said Pieter Hartsook, publisher of the Hartsook Letter, an Alameda, Calif.-based industry newsletter. After all, Motorola for years has made microprocessors for Apple and along with Apple and IBM is working on computers with a common design.

More important is Motorola's ability to let other companies use Mac software and Motorola's expansion into Chinese markets, Hartsook said.

"If Apple wants to grow and

wants the Mac platform to grow, they have to look at some of the emerging markets rather than trying to grab market share" from competing computers, he said.

Motorola, in addition to making workstations with the MacOS, plans to manufacture and distribute Mac clones in China through its joint venture with Panda Electronics Group. The computers will be aimed at China's small but growing consumer and education markets, Guglielmi said.

With its own brand of workstations running Macintosh software, Motorola will emphasize machines built according to the PowerPC Platform specification it developed with

Apple and IBM. Those machines will be able to run more than one operating system. But Motorola and sublicensees may make computers similar to the current Apple Macintosh.

Apple declined to forecast how much revenue the agreement with Motorola could generate. While the company will get license fees, it's primarily concerned with making the Macintosh operating system more popular.

"Our primary motivation ... is to expand the platform and give our developers a broader base in which to target new applications," Amelio said. "It makes our product more exciting and attractive."



## Nevada's new attraction: 'Extraterrestrial Highway'

By Robert Macy  
Associated Press

RACHEL, Nev. — If E.T. is ever looking for a place to phone home, or searching for a route back to his extraterrestrial kin, this blip of a town may be just the ticket.

Long a mecca for people who believe we are not alone, Rachel is now the anchor for Nevada's newest tourist attraction — the Extraterrestrial Highway. It's even going to get official state highway signs.

Folks here are convinced there are alien visitors just over the mountains to the south, at a

"I really believe in UFOs. This is not just something to sell T-shirts."

Pat Travis  
Nevada resident

top-secret government base known as Area 51 or Groom Lake.

"I think there are people and machines from other planets over there," Pat Travis said as she scrubbed breakfast dishes at the Little A'Le'Inn — think "alien" — the focal point of this hamlet of 100 people. "I think our government is working in conjunction with them."

"I don't doubt for a minute that there are extraterrestrials," added Chuck Clark, an amateur astronomer who has written a guidebook on the area. "To think we're the only life in the universe is ludicrous."

Area 51 is veiled in mystery. The heavily guarded, isolated base 85 miles north of Las Vegas is where the government has tested some of its most exotic aircraft, including the U-2, SR-71 Blackbird and F-117A stealth fighter, and is now believed to be flying Aurora, ap-

parently a new reconnaissance plane.

Officially, the military won't even acknowledge the base exists. Uniformed Marines and Air Force personnel drive through, and some stop at the Little A'Le'Inn for breakfast.

"I have never had anybody who works at Area 51 tell us anything," Travis said. "We've had some of them get pretty drunk and they still don't tell anything."

While the federal government wishes everyone would go away, the Nevada Transportation Department recently named a 92-mile stretch of desolate state route 375 the Extraterrestrial Highway. It plans to put up four signs at a cost of \$3,300.

Gov. Bob Miller quipped that some of the signs should be placed flat on the ground "so aliens can land there."

The governor said the designation shows Nevada has a sense of humor, as was the case several years ago when a magazine named U.S. 50 across the state "the loneliest road in America."

"Instead of being insulted, we turned it around, set up way stations, and created T-shirts and bumper stickers reading, 'I survived the loneliest road in America,'" Miller said.

The Extraterrestrial Highway runs between the hamlets of Hiko and Warm Springs, traversing mountain passes and deserts covered with scrub brush and juniper trees.

Highway officials say it draws only about 50 vehicles a day on average, though more show up twice annually when Rachel holds "UFO Friendship Campouts" for tourists looking for flying saucers.

Clark, 50, said he has seen mysterious sights such as glowing orbs of light around Area 51.

"I think the stuff that is being seen is alien, but under the control of our government," he said.

## NASA ready for potential problems with satellite

By Marcia Dunn  
Associated Press

CAPE CANAVERAL, Fla. — Suppose, just suppose, Columbia's astronauts are reeling in a half-ton satellite at the end of a 12.8-mile cord when the motor inexplicably revs, yanking the satellite toward the space shuttle like an incoming cannonball.

Or maybe a micrometeorite whizzes by and severs the tether, whipping the cord around the shuttle. Or maybe the cord goes slack and — boing! — the satellite becomes an out-of-control yo-yo.

Maybe, maybe, maybe.

The seven astronauts assigned to NASA's upcoming mission with the tethered satellite have trained for such dire possibilities and more during two years of preparation on the ground in simulators.

"All very hairy," said astronaut Franklin Chang-Diaz, the crew's chief scientist.

It will be the second trip into space for Italy's tethered satellite, which got no farther than 840 feet out the last time and almost had to be ditched. Chang-Diaz and three other astronauts who flew on that failed 1992 mis-

sion are back, along with many of the same flight controllers and scientists.


The countdown for Thursday's liftoff began Monday afternoon.

"It's unfinished business," said astronaut Jeffrey Hoffman, who like Chang-Diaz will be making his fifth shuttle flight. "People know this was the flight that got screwed up the first time, so the whole world is going to be looking, and I hope we can get it all the way out this time."

The tether jammed because of a protruding bolt that NASA had added to the reel at the last minute. That bolt has been removed, and more than 20 safety reviews have been conducted on the improved \$443 million tethered-satellite system.

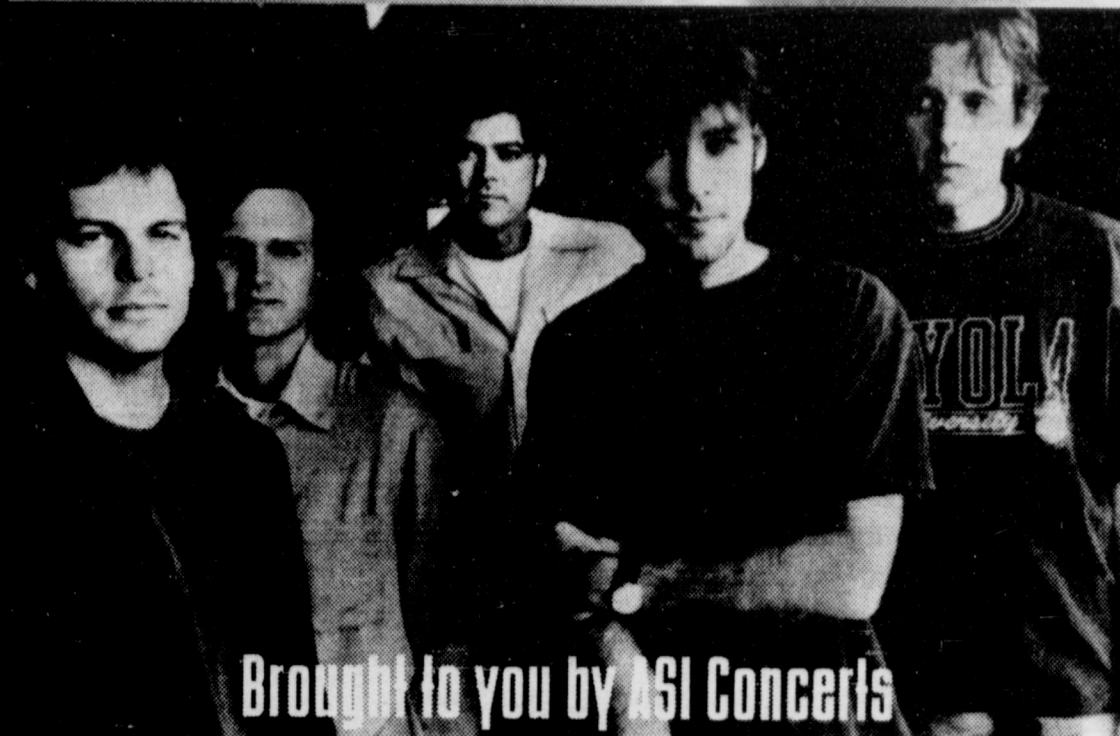
Officials insist neither the crew nor shuttle will be in any added danger in the two days the tethered satellite is supposed to be generating electricity while sweeping through Earth's magnetic field at 5 miles per second.

Scientists expect 5,000 volts of electricity to be generated by the satellite and its braided copper, nylon and Teflon tether, just one-tenth of an inch thick. A paltry 40 volts were generated last time.



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## Tunnel cave-in caused by criminal negligence?

By Kozo Mizoguchi  
Associated Press

TOKYO — Japanese police began investigating Monday whether criminal negligence was a factor in the tunnel collapse that killed 20 people, and villagers erected an altar at the accident site to mourn the victims.

In the fishing village of Furubira, home to a dozen of the dead, funeral services were held Monday and students paused for a moment of silence in elementary and high schools to remember their dead classmates. "In Mourning," read notices posted all over town.

Local residents prayed and offered incense at the white cloth-covered altar they placed near the tunnel entrance.

About 120 police were called in to investigate the Feb. 10 cave-in, caused by the collapse of a boulder the size of a 12-story building onto the Toyohama Tunnel on the northern island of Hokkaido, 550 miles north of Tokyo.

Officials refused to comment on the investigation's focus, but the Asahi newspaper and the Kyodo news service said it con-

cerned whether the cave-in could have been predicted.

It took authorities a full week to break up the boulder with dynamite and dig through the rubble to the car and bus crushed inside. Workers found 19 bodies on the bus Saturday and medical examiners concluded they had been killed almost instantly. The body of the car's driver was found Friday.

The government defended itself Monday against complaints that it took too long to dig out the vehicles and determine the fate of those trapped.

Chief government spokesman Seiroku Kajiyama said the rescue effort was carried out under difficult conditions.

"It is categorically inappropriate to say that the work was delayed or inadequate," he said.

The Hokkaido Development Bureau, which is responsible for road maintenance in the area, has said it made daily visual checks of the tunnel and that they showed nothing abnormal.

Officials have said rock falls are a common problem along the rugged coast of Hokkaido island, where the collapse occurred.

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# Peace plans have begun in Bosnia, but will it last?

By David Crary  
Associated Press

**SARAJEVO, Bosnia-Herzegovina** — The guns that shattered schoolrooms and market stalls are silent, the armies separated. The hard part is still ahead.

Bosnia has indeed emerged from war, thanks to a NATO-led force that has carved out a twisted maze of buffer zones and polices them with world-class firepower.

Peace is far from assured despite renewed pledges of cooperation from Balkan leaders at a weekend summit in Rome.

Foremost among the pitfalls, say Western generals and diplomats, is the lack of goodwill and trust among Bosnia's Muslim, Serb and Croat leaders. Rather than plunging wholeheartedly toward peace, they seem to be maneuvering for advantage in some future round of diplomatic or military confrontation.

tation.

While they all have different motives for avoiding genuine reconciliation, most of them view continued ethnic tension as the best way for them to stay in power.

"The leaders are not clear yet what they want," said Michael Steiner, a German who is deputy chief of a mission overseeing civilian aspects of the peace process.

"Will they go all out for peace?" Steiner wondered. "Or do they want to be in the right position if things get nasty again when IFOR (the NATO-led peace force) leaves?"

The peace force has successfully imposed buffer zones. The transfer of territory under the Dayton peace agreement, including coveted Serb-held land around Sarajevo, has begun.

Progress has been slowed by Serb anger over the arrest of two senior military officers linked to

war crimes. Freedom of movement, crucial to knitting civilians into a single community again, is in jeopardy.

Ahead are more challenges: the actual transfer of control over territory, particularly Serb-held Sarajevo; warehousing

**"Will they go all out for peace? Or do they want to be in the right position if things get nasty again when IFOR leaves?"**

**Michael Steiner**  
Peaceworker

weaponry; organize elections for a government in which former enemies will have to cooperate; deciding who will get the vital "corridor across northern

Lt. Gen. Sir Michael Walker, commander of NATO-led ground forces, says all three sides have

cooperated well in military aspects of the peace plan. He gives them a grade of 90 percent.

He acknowledged it can be frustrating to see non-military problems arising that could unravel the successes.

Like Steiner, Walker cited the often halfhearted commitment to peace displayed by political leaders.

"They are not indicating that they want peace at any price," he said in his headquarters in Ilidza, a tense Serb suburb outside Sarajevo. "There has to be some sense of reconciliation — the political leadership has to be prepared to compromise some of its more hardline positions."

On paper, the peace accord creates a unified Bosnia grouping together a Serb republic and a Muslim-Croat federation. The Serbs have severed contacts with the federation and the federation itself is in trouble.

Croats in Mostar have balked at efforts to reunify the southwestern city devastated by Muslim-Croat fighting there in 1993-94. One reason is continued Croat animosity toward Muslims; another is the influence of crime gangs and corrupt police in Croat-ruled west Mostar who flourish in a divided city.

The NATO-led force has no mandate to grapple with Croat-Muslim tensions, since the two sides nominally are allies. Walker said it wouldn't do any good anyway "to bang their heads together" if there was no goodwill.

Many of the military and civilian experts deployed in Bosnia sense that ordinary people are more open to reconciliation than their leaders. Interest is growing in elections that are to be held across Bosnia this fall, which will provide a rare chance for the populace to voice its opinion.

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## FUNNIES

### CITIZEN DOG

BY MARK O'HARE



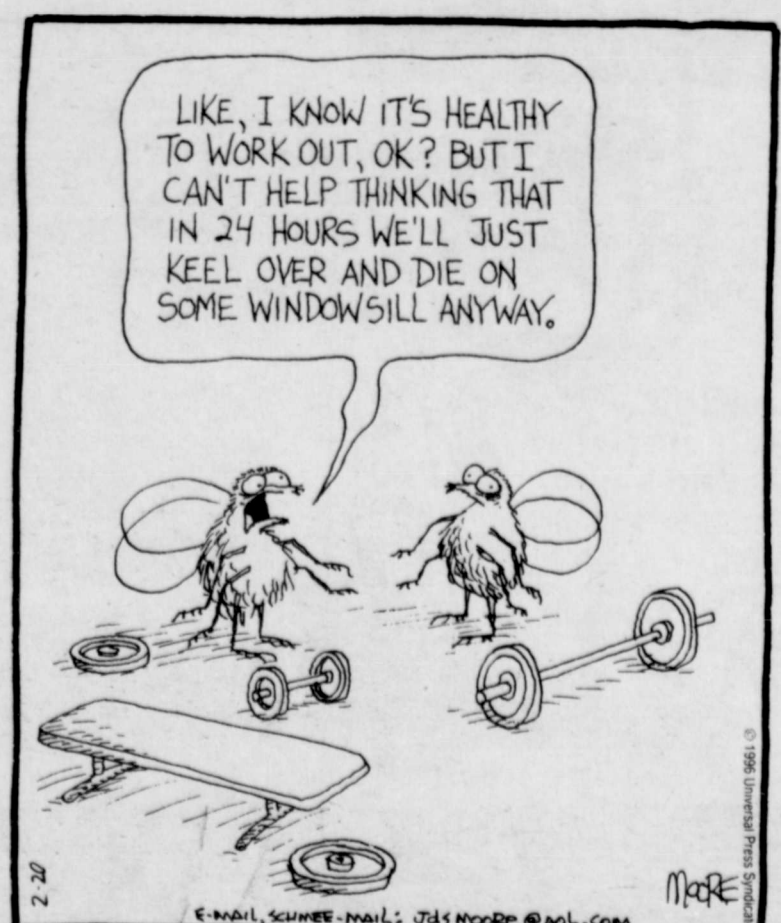
### MISTER BOFFO

by Joe Martin



### IN THE BLEACHERS

By Steve Moore





# SPORTS BLAIR

A TAVERN OF SPORTS NEWS

## SCHEDULE

### TODAY'S GAMES

- Women's Basketball vs. San Bernadino @ Mott Gym, 7:30 p.m.

### TOMORROW'S GAMES

- There are no games tomorrow.

## NATIONAL BRIEFS

### Former Oakland A's owner Charlie Finley passes away

Chicago (AP) -- Charlie O. Finley, one of baseball's most outrageous owners and innovators, died Monday. He was 77.

Finley, who owned the Oakland Athletics when they won three straight World Series championships from 1972-74, died in Northwestern Memorial Hospital of heart and vascular disease.

Finley had been hospitalized for two weeks according to a hospital spokeswoman. He had been troubled by heart disease for years.

## TOP 25

### MEN'S BASKETBALL

1.	Massachusetts	25-0
2.	Kentucky	22-1
3.	Kansas	21-2
4.	Connecticut	24-1
5.	Cincinnati	19-2
6.	Villanova	23-3
7.	Purdue	21-4
8.	Utah	21-4
9.	Texas Tech	22-1
10.	Wake Forest	17-4
11.	Georgetown	21-5
12.	Virginia Tech	19-3
13.	Arizona	19-5
14.	Penn State	18-4
15.	Syracuse	19-6
16.	UCLA	18-6
17.	North Carolina	18-7
18.	Iowa	18-6
19.	Memphis	17-5
20.	Boston College	16-6
21.	Louisville	18-7
22.	Iowa State	18-6
23.	Georgia Tech	16-10
24.	Stanford	16-6
25.	Wisconsin-Green Bay	21-2

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## CONSTRUCTION: Teams did well, even though they had very little sleep during the competition

From page 1

"The competition was a great learning experience," Dissman said. "You have to take the knowledge you learned in class and apply it to real-life situations."

Dissman said the residential team got along well together, even though no one slept for more than an hour.

"We knew we did well but we didn't know how well until they announced our name for first place," Dissman said.

Construction management senior Sam Robinson, a member of the heavy/civil team, said his team was given a 15-page problem and a set of plans for a stretch of highway to be paved. They had to estimate the cost of the project and the reasoning for the cost.

"The logic behind the numbers was more important than the numbers," Robinson said.

Robinson added that his team stayed in the hotel room from 5 p.m. Monday until 4:49 p.m.

Tuesday when they turned in their proposal.

"The hotel's power went out at 12 a.m., so everyone was out in the hallway with their plans laid out on the floor," Robinson said. "We were 100 percent professional the whole time, which really helped out."

According to Colby Powell, a construction management and architecture senior and a member of the design build team, his team had to decide where to add an extension on an already existing building. The team had few constraints, however, on where they could actually build.

"We had to design the projects and then do all the calculations to come up with a bid price," Powell said. "We worked the project like a puzzle."

Powell said his team took the first five hours analyzing the problem. When finished, their bid was around \$9.1 million, only \$25,000 more than the actual bid for the project.

"We cranked and jammed and

finished by 4 p.m. Tuesday," Robinson said.

Construction management junior Tom Ehlers, a member of the commercial team, said his team was given a set of plans and had to come up with a bid for the project. The team also had to create a plan for scheduling staff and work to be done.

"The building had to be 100-percent functional by the time we finished," Ehlers said.

The atmosphere of the competition was light with little or no tension, he added.

"If anyone is to be awarded it should be our professors and Coach Matt Wall," Ehlers said.

According to Roger, Cal Poly's success stems from the quality students and faculty in the construction management program.

"We were successful and the competition was tough this year, but next year we have to work even harder," Roger said. "We have become the school everyone

wants to knock off."

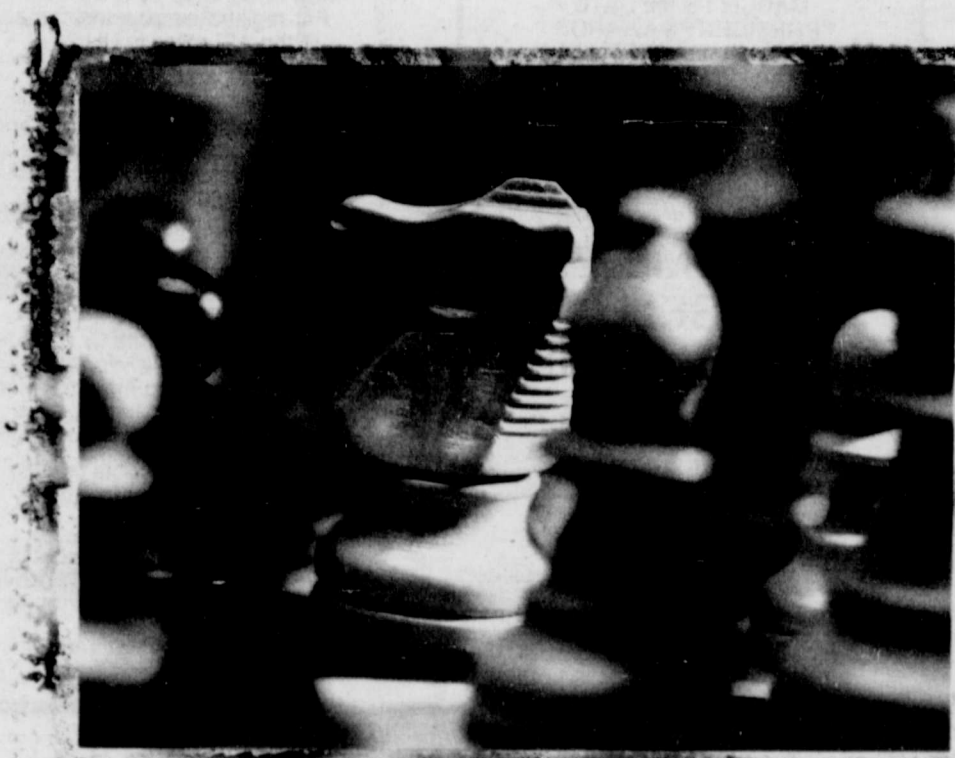
Sponsors of the competition were The Morely Group, Charles Pankow Builders, Hensel Phelps Construction Company, McCarthy Construction, Dinwiddie Construction and Granite Construction.

The coaches of the Residential team were Ed Turnquist and John Vial, with members Rick Bottrell, Bryan Dissman, Travis Means, Tamara Mullison and Lisa Stoddard.

The Commercial team coach was Matt Wall with members Scott Brauning, Tom Ehlers, David Gerber, Jason Hadnot and Michael Theilacker.

The Heavy/Civil team coach was Jim Borland with members Leticia Bugarin, Ross Kashiwagi, Sam Robinson, T.J. Sekel and Jason Stevens.

The coach of the Design Build team was Hal Johnston with members Ruben Espinoza, Carlos Orozco, Jeanne Gambill and Matt Rusanoff.



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