

Hoops rivalry:

Mustangs head down 101 to face the Guachos, 12

Poly in space: PolySat builds hand-held satellites, 3



High: 59°
Low: 51°



Mustang

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DAILY

Wednesday, February 23, 2000

Theft strikes 17 cars near Poly

By Melissa McFarland

MUSTANG DAILY STAFF WRITER

Seventeen San Luis Obispo residents, mostly students, woke up Monday morning to find their cars vandalized and property stolen. The break-ins occurred between Sunday night and Monday morning. There are no suspects at this time.

San Luis Obispo Police Cpt. Bart Topham said the break-ins took place southeast of campus, where mainly students live.

"Most were locked cars where windows were smashed," Topham said. "Some were unlocked cars, and (the thieves) were yanking stereos out and getting cds or whatever there was to take."

Jessica Hagans, a journalism senior who lives on Bond Street, was one of the victims. She had her car cd player and about 100 cds stolen. Hagans said the break-in must have occurred after she returned home after midnight Monday morning.

"You take precautions by locking your car doors, and assume that the property is yours and somebody

see BREAK-INS, page 9

Court rules CSEA informed workers

By Kirsten Orsini-Meinhard

MUSTANG DAILY STAFF WRITER

The U.S. District Court has ruled that the California State Employees Association is meeting its constitutional standard of informing California State University employees of their union fees.

The judge ruled Feb. 15 against a lawsuit filed by the National Right to Work Foundation, an anti-union organization. The lawsuit was filed because the organization believes the CSEA was not properly informing non-members of the fair share fees that they must pay, a fee that the NRTW feels non-union members shouldn't have to pay in the first place.

Political science professor Philip Fetzer is president of the CSEA chapter at Cal Poly. He said that although the verdict was expected, it was also gratifying and supports Cal Poly's stance on the issue: that the CSEA had correctly informed non-members of the existing fees.

"All non-members statewide were mailed a notice

see CSEA, page 9

Speaker sorts pieces of Columbine puzzle

By Kirsten Orsini-Meinhard

MUSTANG DAILY STAFF WRITER

"What are we pretending not to know?"

Concerning the tragedy at Columbine High School in Littleton, Colo., there's a lot that communities, parents, students and neighbors are pretending not to see.

At least that's what clinical psychologist Dr. Shirley Gilbert believes.

Gilbert was one of the psychologists on hand at a nearby hospital when two students, Dylan Klebold and Eric Harris, opened fire at their high school and killed 12 of their peers, a teacher and themselves.

At San Luis Obispo's Church of Nazarene on Friday, Gilbert asked that question to an

audience of more than 60 community members who had gathered to hear her interpretation of the events leading to the high school massacre that shocked America last April.

"How did goofy little kids who played baseball, joined Cub Scouts and pleased their mothers become mass murderers?" she asked.

Gilbert, who currently works at a home for troubled children in Southern California, has dedicated much of her time traveling across the country to share her observations and analysis of the Columbine tragedy.

Gilbert questioned the involvement of what she described as "all the pieces of the Columbine puzzle" — the community, teachers and parents of Littleton.

Instead of placing blame on the two boys, Gilbert searched for ways that this incident and others like it could have been prevented.

She described Harris' and Klebold's parents, and how their roles in their sons' lives directly affected their actions. Gilbert said both sets of parents had no idea of their sons' goal to "become grandiose cult figures."

Gilbert said one of the lessons to be learned from this tragedy is the importance of parents in their children's lives.

"One of the worst things that we can pretend not to know is our real legacy: parents," Gilbert said. "Parents are the most powerful people in the world. It's an awesome privilege

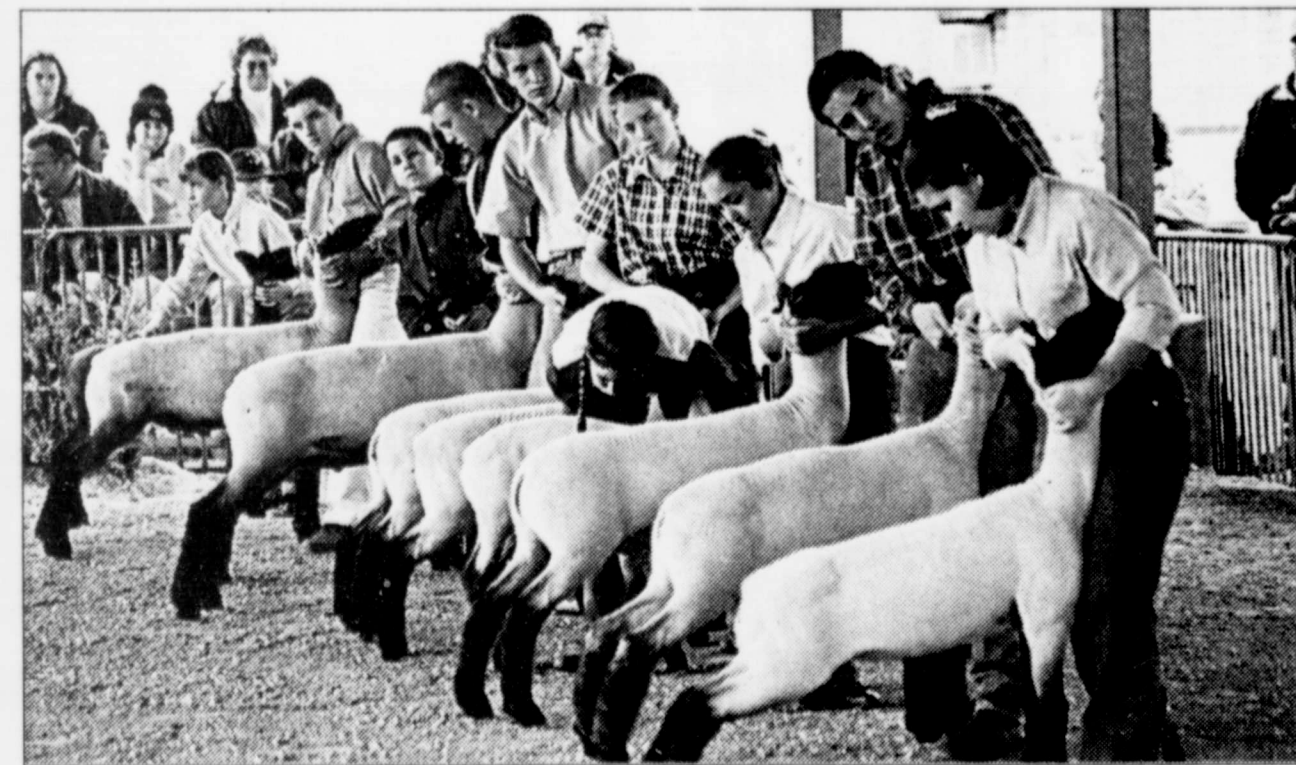
see GILBERT, page 9

The cyber touch



Industrial technology senior Matt Fleming puts on the latest wearable technology, designed to do the work of a news reporter and cameraman. Individual Digital News Gathering equips people with compact video-optic/ computer units that allow for unassisted, mobile, rapid-response field reporting. The hands-free system includes a wearable, voice-activated processor and a headmounted color display with microphones and eyepiece, through which the user sees a video display.

MARKUS SCHNEIDER/
MUSTANG DAILY



Competitors of all ages show their lambs at the Lamb Show and Junior Sheep Showmanship last weekend at the Paso Robles Mid-State Fairgrounds.

ASHLEE STEWARD/MUSTANG DAILY

Aggies go bonanza in Paso at 16th annual competition

By Monica McHugh

MUSTANG DAILY STAFF WRITER

The Cal Poly-sponsored Western Bonanza celebrated its 16th year at the Paso Robles Mid-State Fairgrounds last weekend, with 350 exhibitors ages 9 to 19 participating in the junior steer, heifer and lamb show.

"Showing is my extracurricular activity," said Megan Meadows, a high school student from Clover. "Instead of soccer or softball, this is what I do." Meadows, 18, showed two market lambs at the Sunday lamb show.

The Western Bonanza is sponsored by the agriculture department and is a nonprofit

event that gives young cattle and sheep enthusiasts a chance to fit and show their projects. The weekend provides California elementary and high school students the opportunity to meet and learn from others who have similar interests.

"I came because it's a lot of fun, and to make some new friends," said 16-year-old cattle exhibitor Casey Bennett from Ducor. "There are a lot of people from all over having a good time here."

Livestock shows are held throughout the state, but communications director Nick

see BONANZA, page 7

Clean water, parks initiatives face local voters

By Adam Jarman

MUSTANG DAILY STAFF WRITER

Issues concerning recreational lands, clean water and coastal preservation will appear on the March 7 ballot.

Two of the three propositions are at the statewide level (Propositions 12 and 13), and the third is a local measure that will be voted on by citizens of San Luis Obispo County (Measure A).

Proposition 12, known as the Safe Neighborhood Parks, Clean Water and Coastal Protection Bond Act of 2000, allows for \$2.1 billion in general obligation bonds to be sold and used for purchasing, improving and protecting recreation, cultural and natural areas. General obligation bonds are repaid from the state's general fund, supported primarily through income and sales taxes.

Of the \$2.1 billion allocated through this Proposition, \$1.16 billion will be used for state projects, while the remaining \$940 million is set for local use. Patrick Veasart, executive director for ECOSLO, said part of these funds would be allocated to San Luis Obispo County and will be based on population. The rest would be available through grants.

The proposition earmarks funds for projects in specific counties and cities. San Luis Obispo City or County is not mentioned in the proposition.

"With an increasing population in California and increasing stresses, it's time to improve our local and state

park systems," said Mike Paparian, Sierra Club regional representative for California, Nevada and Hawaii.

According to the Voter Information Guide, \$1.9 billion in general obligation bonds have been issued for similar purposes in the last 25 years. Of that, most has been spent.

State Sen. Ray Haynes, who leads the opposition of Proposition 12, said it is important to realize that the bond money will allow for the acquisition of more land, but won't provide funds to maintain it.

Haynes added that bonds are one of the most wasteful financing schemes used by the state. He cited the secretary of state's office and said that Californians pay \$1.78 for every \$1 in bond money.

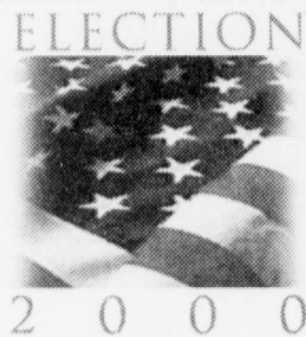
Proposition 13 is known as the Safe Drinking Water, Clean Water, Watershed Protection and Flood Protection Bond Act. It is similar to Proposition 12 in nature, but allocates bond funds toward programs in drinking water safety, flood control, bay-delta restoration, water protection and water quality and supply.

This proposition asks for up to \$3.4 billion in general obligation bonds over the next 25 years.

Like with Proposition 12, funds are pre-allocated to specific projects, none of which are in San Luis Obispo County. It does provide for coastal watershed protection.

"This would improve our water quality and enhance growth for water resources," Veasart said.

Proponents of this proposition said it protects and improves water quality



DAN GONZALES/MUSTANG DAILY

Measure A asks citizens whether the 14 miles of coastline between Montana de Oro State Park and Avila Beach, now closed to the public, should be preserved when Diablo Nuclear Power Plant closes.

by controlling all water supply pollutants as well as improving the storage of drinking water. Opponents argue that there is no evidence of poor water quality. They say similar acts usually contaminate groundwater and actually damage wildlife habitats.

Unlike these state propositions, local Measure A is merely advisory, meaning its result does not enact any laws or spending plans, but does convey the public's opinion to the county Board of Supervisors.

Measure A asks citizens whether the 14 miles of coastline between Montana de Oro State Park and Avila

Beach should be preserved when Diablo Nuclear Power Plant is no longer active.

Part of the land in question is currently a buffer zone required by law to surround Pacific Gas and Electric's nuclear facility.

"It will let the Board of Supervisors know that we are concerned about wild lands," said Rosaly Valva, president of the Morro Coast Audubon Society.

Rochelle Becker of Mothers for Peace said the measure is "expediently premature." She said there are many questions regarding ownership of the

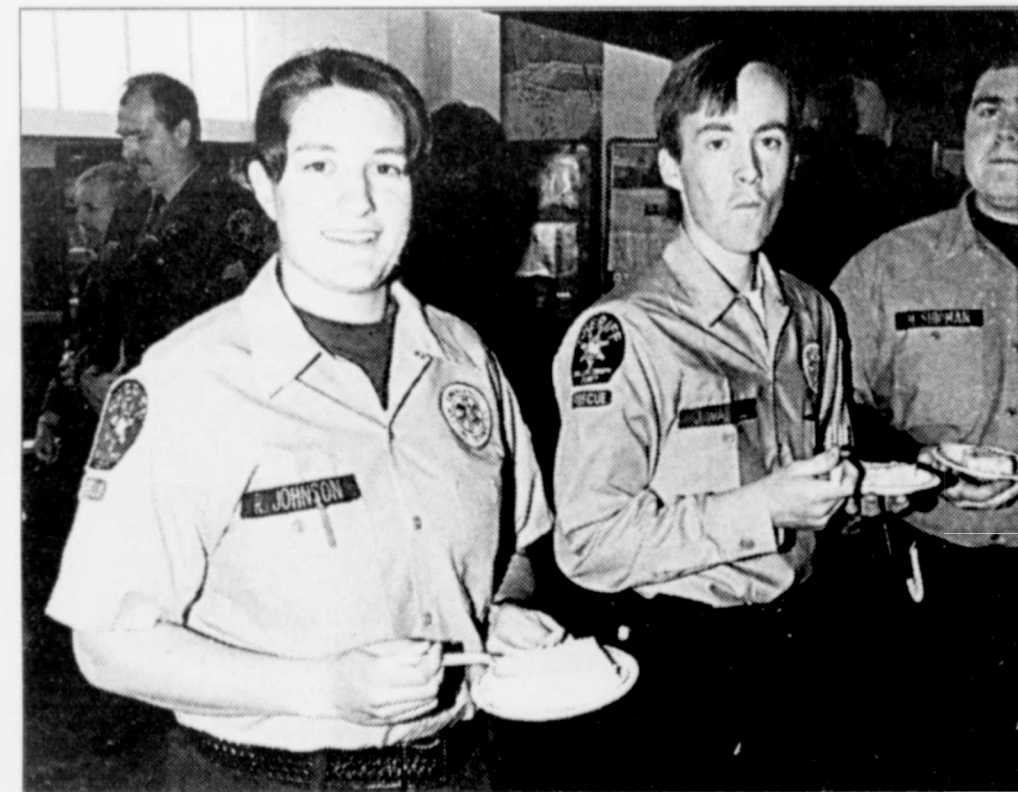
buffer zone used by PG&E as well as the effects of radiation from such facilities that are left unanswered.

"Voters do not have enough information to make this decision," she said.

Information on state propositions can be found in the Voter Information Guide, which is available for download in brief form from the secretary of state's Web page at www.ss.ca.gov.

Information for Measure A is available in the Supplemental Voter Guide available from the County Clerk/Recorders' Office at 1144 Monterey St.

Sheriff's department cuts cake honoring 150 years



DAN GONZALES/MUSTANG DAILY

Members of San Luis Obispo County's Sheriff's department helped themselves to cake Friday celebrating the department's 150 years of service.

By Adam Jarman

MUSTANG DAILY STAFF WRITER

The San Luis Obispo County Sheriff's Department celebrated 150 years of law enforcement Friday.

"It's terrific that we can all come together in this setting to honor the men and women of county law enforcement," said David Edge, county administrative officer.

Friday's celebration at the County Government Center on Monterey Street began with a county proclamation presented by Board of Supervisors chairwoman Peg Pinard and certificates of recognition from the offices of congresswoman Lois Capps, Sen. Jack O'Connell and

Assemblyman Abel Maldonado.

"It's almost impossible to put into words how much responsibility we give you (the sheriff)," Pinard said.

The celebration was complete with a birthday cake, a time capsule and historical exhibits. Those included handcuffs dating from 1880, county photographs depicting the area's growth, and uniforms from all eras of the county's history.

Sheriff Patrick Hedges said the time capsule, to be opened in 2025, included historical uniforms, weapons and department policy manuals.

Hedges said the day is significant for the county as a whole.

"It's terrific that we can all come together in this setting to honor the men and women of county law enforcement."

David Edge

county administrative officer

"It's not just for the Sheriff's Department," he said. "It's the anniversary of county government."

As one of California's original 27 counties, San Luis Obispo County was established Feb. 18, 1850. At that time, the sheriff was the county's only full-time paid employee, serving a county population of 336, said Gary Hoving, Sheriff's Department captain.

California was admitted to the union almost seven months later, on Sept. 9.

Pinard said having the sheriff as the first employee signifies the impor-

tance placed on law enforcement.

Henry J. Dalley was elected the county's first sheriff, but resigned one year later due to concerns with the risks of the position.

In the department's 150 years, Hedges said, only two lives have been lost in the line of duty.

The first took place in February 1929 when Sheriff Charles T. Taylor

was killed in a single-car accident while traveling back to San Luis Obispo from an investigation in Paso Robles.

The second involved murder while Deputy Harvey Stahl was attempting to arrest a suspected kidnapper. Stahl was shot in the head near Atascadero hours before he was to attend his daughter's high school graduation from Paso Robles High School.

In 1955, the Sheriff's Department assumed the responsibilities of the county coroner and dealt with one of the county's most infamous death investigations that year. Actor James Dean was killed Sept. 30, 1955 in an automobile accident near Cholame.

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Students' creations out of this world

By Ryan Miller

MUSTANG DAILY STAFF WRITER

Forget Sputnik.

Leave the space race and all the images it conjures of government scientists in lab coats and bulky metal contraptions behind.

Enter instead into a world of acronyms, satellites small enough to cup in your palm, complex machines and students in T-shirts working at expensive computers. Enter a small, unassuming room behind the welding building at Cal Poly where design sketches and models will soon be transformed into working devices that may soon orbit the Earth.

Members of the PolySat team are building small satellites called picosatellites to contribute to CubeSat, a program under the direction of Stanford University.

"PolySat is one big project, which is part of the larger CubeSat venture," said aerospace professor Jordi Puig-Suari.

According to Puig-Suari, the PolySat faculty advisor, Cal Poly students will be building two or three picosatellites, as well as a means of deploying them.

"We cannot design the spacecraft until the deployer is designed because we need to know the constraints the deployer places on the spacecraft," Puig-Suari said.

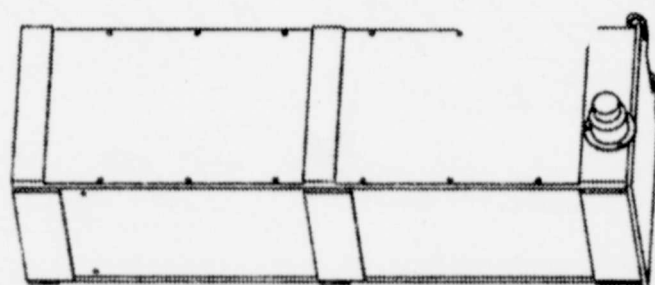
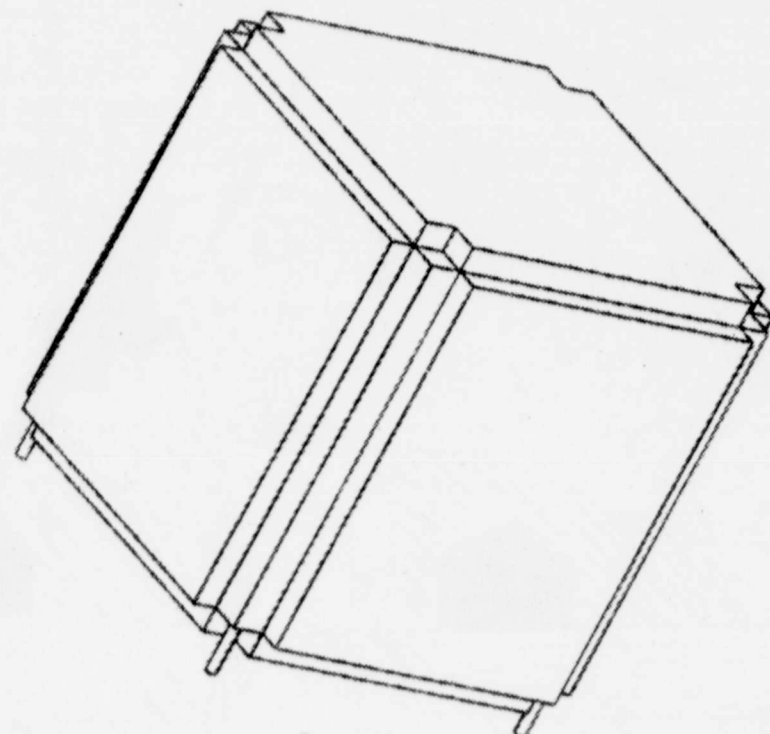
Members of the Society of Manufacturing Engineers (SME) are designing and building the device to deploy the picosatellites into space.

The satellites weigh one kilogram and are no longer than 10 centimeters on a side. They are small silvery cubes that resemble bulky metallic paperweights or simple jewelry boxes, and they can be fitted with accessories, such as solar panels.

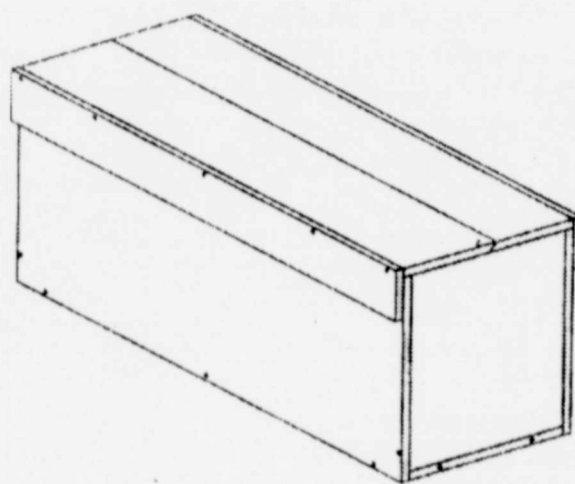
"These are pretty much the smallest satellites ever developed," said senior manufacturing engineer Ryan Connolly.

Connolly is the leader of a team of SME members who have designed the Poly Picosatellite Orbital Deployer (P-POD). The device is a spring-loaded box that can be packed with several picosatellites. At a point in a larger satellite's travel, the device will open and push the picosatellites into space.

After designing the P-POD, the team had to work on a new mode of deployment in response to a change in specifications. The team developed a device called the P-Tube, which propels the picosatellites out in a slightly different way than the original design.



Students recently finished sketches for (from top to bottom) picosatellites, P-Tubes, and P-PODS.



Each tiny satellite is equipped with its own "brain" and what Connolly calls "a space for rent." Government agencies, industries, businesses – even educational organizations can purchase the empty space within a picosatellite in order to send small experiments up and out of the Earth's atmosphere.

"We want to eventually offer this to high schools," Connolly said. "We'll give them a shell and have them fill it."

Before the project can be launched from Vandenberg, it must be run through a series of tests. By the time the device actually gets fitted to a satellite, it will have been shaken, checked acoustically, submerged in water and put into a vacuum.

"In order to get anything into space, it has to go through rigorous and

extensive testing," Connolly said.

In October, a group of 16 people from Cal Poly will take the device on board NASA's KC-135, a large plane nicknamed "The Vomit Comet." The plane, where many of the scenes in "Apollo 13" were filmed, is designed to allow its occupants to experience weightlessness. The group will have to go through astronaut training to prepare for the trip.

With all the building and testing still ahead, the team remains confident the device will fly soon.

"There's a 95 percent chance we're going to launch in about a year," Connolly said. "It's taking off. It's actually still in its baby stages, but as far as the timeline goes, we've been moving very quickly."

Satellite deployment systems can sometimes take several years to design

and develop. The technology to be sent up may be obsolete, sometimes up to five years, by the time the satellite and deployment are ready to launch. With picosatellites, this problem could be eliminated.

"We're looking at less than a year turnaround from design to flight," Connolly said. "The technology is still current."

A more short-term goal for the team is to ready the project for WESTEC, an annual technology trade show in Los Angeles, held the first day of spring break.

"I think we have a really good chance of winning this year," Connolly said.

According to Connolly, seven teams are working on the satellite project for controls, mechanics, materials, business and other areas. The project spans multidisciplinary majors, and extends outside of engineering fields. In addition to gaining hands-on experience in building the deployment device, SME members have been learning how to communicate with a variety of departments and individuals with various backgrounds and expertise.

"It's really encouraging," Connolly said. "It's exactly like the real world. Most schools don't have the ability or the talent in either the students or the professors to produce something of this caliber. We've collectively put over 1,000 hours into this. It's extremely hard to get something in space. It's a lot of work."

SME members often spend entire weekends working on the project since even designing devices to be sent into space must sometimes give way to midterms and papers.

"We're trying to juggle our regular work for our other classes," said senior manufacturing engineer Matt Brown.

Brown, the team's design engineer, is working on the project mainly for experience.

"You don't get a chance to work on projects like this in school very often," Brown said. "When this actually is used – of course, I'll be graduated – I'll say 'I did that.'"

There is a great amount of satisfaction that comes from knowing that something you poured hours into helping build may someday be breaking the bounds of Earth's gravity and shooting toward the stars.

"We have put a tremendous amount of time and effort into this," Connolly said. "In about a year, when this goes up, it'll be a great feeling – if it works."

Create your own Web page with editors

These days it seems just about every Tom, Dick and Charles has a Web page. Feel left out? Alone? Like a freak? Well, don't feel bad because there's hope for you yet. By the time you're done reading this, you'll be skipping classes just so you can upload that first page.

Faz Khan

You could begin with registering for an account at one of the numerous Web page hosting sites on the net. I recommend either Tripod.com or Geocities.com. These two offer decent storage space and many, many features. The main idea is that whatever site you choose as a host, you shouldn't pay. It should provide you with enough tools to get started. You won't really need more than 10MB space for a beginner Web page. If you do, there is an easy way. Simply sign up for more accounts with any hosting service using another E-mail address.

Once you're registered and all set to go, you'll notice that these sites offer quick page builders, a great way to get started. It's a good idea to build a couple of pages and link them to each other using these editors. These editors are easy to get into and give a good idea of layout types. They do, however, limit the type and appearance of your page, but hey, baby steps. It's important to go slow. There is a lot to Web pages. I thought I knew it all before I started my first one. Get the hang of these editors first before doing more advanced stuff.

Faz Khan is an architecture junior who writes about the world of technology in his weekly column. E-mail him at features@mustangdaily.calpoly.edu.

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Racism is alive and ugly across our country

I am inadvertently guilty of supporting racism in this country. This is something of which I am not proud. Actually, I'm downright ashamed of it.

I am going to use a word to account for my life experience that is highly offensive. I did not invent this word. I feel that my peers in this institution should know that racist attitudes in this country are not dead. We cannot just simply "move on" as though there is racial equality today.

I think the first time I heard the word "nigger" was from my own grandmother, when two African-American gentlemen showed up at her farm looking to do a little honest day labor. I can still remember feeling shocked, even at 4 or 5 years old, by her degree of hatred.

This was in the state of Iowa, a supposedly "moderate" state in about 1972.

The irony is that her daughter (my aunt) was married to an African-American, who in my mind, always was and will be one of the most caring and compassionate humans in my memory.

I know my uncle "Doc" was secretly ridiculed for being African-American, but he never faltered in delivering his best talents as a doctor, even to those whom he knew disliked him for the color of his skin. I'm sure his daughters can tell you about being discriminated against just for being half African-American in a small town in rural Iowa.

The biggest shocker, though, came to me when I visited other cousins in the state of Missouri in about 1992. Missouri, during the Civil War, was considered "neutral," committed to neither the North or the Confederacy.

My first indication that something was wrong was when my dad's cousin's wife asked us, "Do them coloreds in California like to drive them big old beat up Cadillacs like they do here?"

I was certain a real problem exists in middle America when my second cousin informed me, "We live out in the county 'cause we want our children to grow up crime-free and nigger-free."

If this sort of phenomena exists in "moderate" Iowa or "neutral" Missouri, how can anyone doubt it exists in "Deep South" South Carolina?

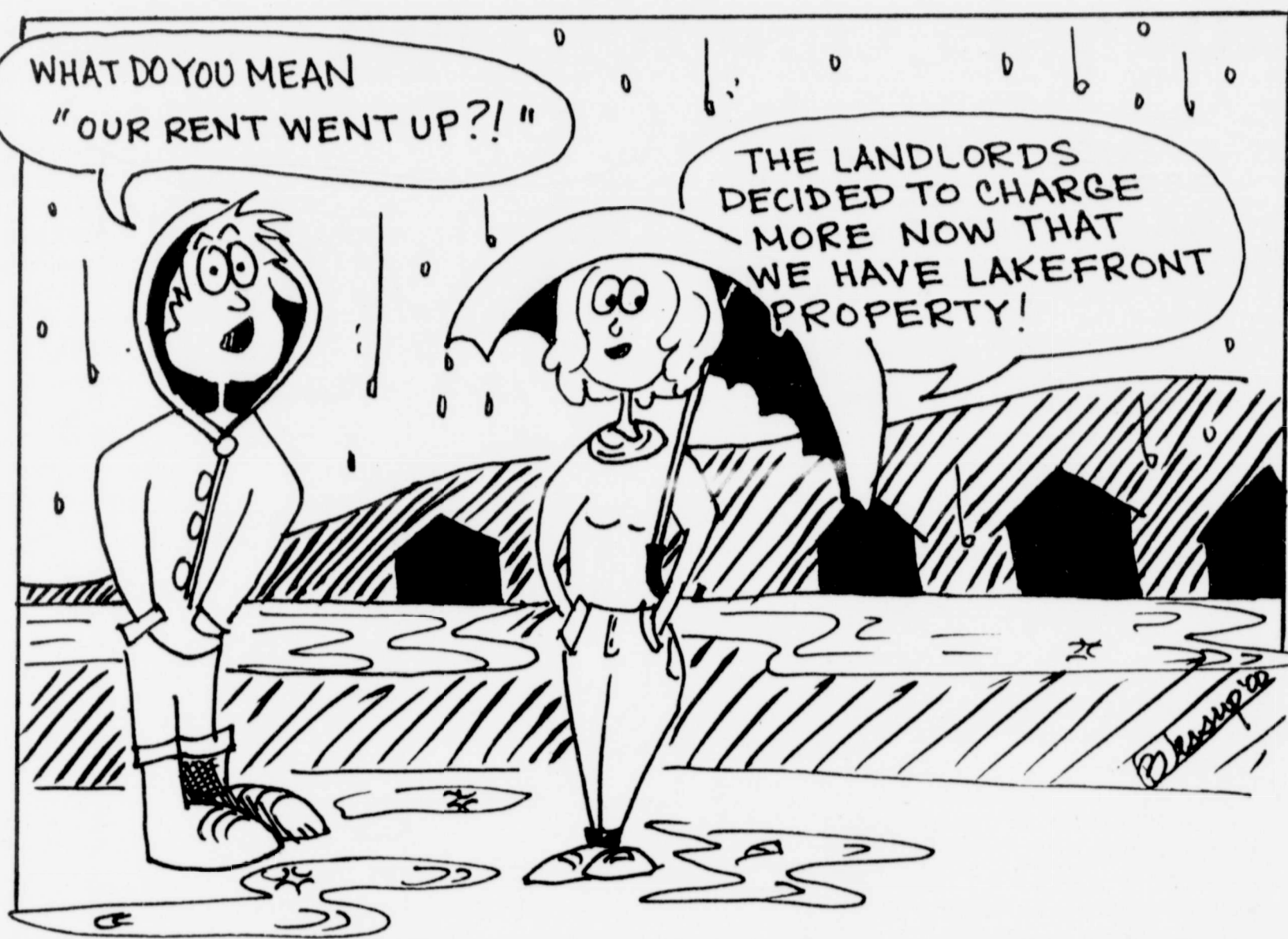
I may have a lame excuse for not speaking out against racism, for being too young to know better, or for not wanting to make waves while visiting family, but what about George W. Bush or John McCain?

Bush spoke at Bob Johnson University, which prohibits interracial dating, but didn't speak out. Neither Republican candidates came out against flying the Confederate flag.

This is leadership? This is reform? I'm sure you're all confident in your hearts that racism is dead in America, but I didn't mention California, Arizona or New Mexico experiences. Is it time to move on?

I've admitted my family's dark secrets. Can you?

Greg Kinion is a graphic communication senior.



Christianity means believing in Jesus, not a religion

Editor,

My writing is in response to Nancy Kapp's Feb. 16 column, "If you profess Christianity, look deeper." First, I say that the article did have some good points. Nancy writes "the true teachings of Christ are not about organized religion." This is true; there are many things wrong with established religions and many churches, and Christ's teaching does not revolve around religion. Religion is just an organized system of beliefs. Jesus didn't care about that man-defined crap. He cared about the heart. Kapp is right on.

On the other hand, the article was very naive and full of uneducated assumptions presented as facts. I do not write this regarding my personal faith. It is to call attention to the points of weakness in Kapp's argument. She mixed up her personal preconceptions with the tangible truth of the matters she discusses. She tells us throughout the article what it is Jesus taught, but the Bible (my example of tangible proof), which is the account we have of Jesus' teachings, says otherwise.

You must understand that followers of Christ are who they are because they have come to realize they are not perfect. They, like every human, need God's grace. Everyone has faults. Kapp writes, "The hypocrisies of Christianity begin with a rule that only helps feed members of the church — excluding outsiders." That is not a rule at any Christian church I have ever heard of, and she will never find one that would claim that rule. Kapp completely made that up.

Next, saying that "the judgments that Christians claim on homosexuality, the poor, abortion, capital punishment and chil-

dren's rights are much too harsh and unjust" is a total generalization. Not all believers in Christ feel the same regarding these social and moral issues. Again, just as Christ said, He is the main point, not any issue.

She did not bother either to say what the "judgments" the Christians make are. She is going by something she heard somewhere about Christianity instead of talking to Christians or seeing for herself what Christ really has to say about specific issues. Any follower of Christ will tell you what is right and wrong does not come from their mouths, but from God's.

The Bible says in Matthew 7:1, "Do not judge lest you be judged." No man has the right to judge the heart. Next, Kapp writes, "Many Christians preaching Christianity condemn those who do not believe." Wrong. Christ does that. In John 14:5, Jesus himself says, "I am the way and the truth and the life. No one comes to the Father except through me." So if you're going to tell us what Jesus' teaching was all about, it should be safe to assume you are familiar with what He taught. Kapp urges Christians to "strive for a deeper spiritual understanding" about what Jesus taught. Yet she says, "If you think that believing in Christ is going to promise a good seat in the afterlife, think again. Helping others, educating yourself and doing the best you can in life is more than any god could want." The apostle Paul writes in Ephesians 2:8-9, "for it is by grace that you have been saved, though faith — and this not from yourselves, it is the gift of God — not by works, so that no one can boast." Jesus didn't just teach us good morals. He taught us this! And Kapp should know that if she's going to comment about it!

It is terribly clear that she really doesn't

have any idea what Christ taught. Rather, through our love for God, comes good works. And the desire to educate ourselves. And to do the best we can in life. A believer in Christ will stand behind Ephesians 2:8-9 because that is to believe in Christ. This is what Jesus tells us in the Bible, which any man can pick up and read with his eyes and brain.

Lastly, on a more opinionated note, she wrote, "When you understand the good morals and values Jesus stood for, then you will understand the man." Kapp short-changed Him. I believe because of everything He did that He was the embodiment of all that is good. And when you understand that, then you will understand the man. Christianity is believing in Jesus Christ. Not a religion.

Benjamin Winter is an art and design senior.

Letter policy

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mustangdaily.calpoly.edu editor@mustangdaily.calpoly.edu

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Editorial ♦ (805) 756-1796
Advertising ♦ (805) 756-1143
Fax ♦ (805) 756-6784

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Sierra Slade, Tony Yu **ad designers**
Kate Dugas, Lindsey Wilcox, Will Elkins,
Kim Tahsuda, Jill Wieda, Carolyn Thomas,
Nick McClure **ad reps**
Shannon Brunelle **classified ad manager**

"You need to advertise for a girlfriend."

Letters to the editor

Christianity has faults but offers much Editor,

I think the reason people are so quick to judge Christianity is that it promises so much and thus disappoints more people. There are, of course, good Christian people, such as Dr. Martin Luther King Jr. and Mother Theresa, to name two Nobel prize winners. And there is no end to the bad people who aren't Christian. With moral and spiritual excellence as well as physical fitness or general learning, you need a system if you are going to make significant progress. Christianity offers a breadth and depth of experience, a kind of one-stop shopping for your moral and spiritual needs, which has no close rival in Western culture and few competitors in the rest of the world. If anyone has a better system, let them share it with the rest of us.

Sure, the whole convoluted institution of Christianity needs fixing, but it will more likely be fixed when people start concentrating on

reducing suffering in the world rather than organizational details.

And there is a lot of suffering in the world. It is the responsibility of the church to not just be a private experience, but to change the world. As King said, "... to broaden horizons, challenge the status quo, and break the mores when necessary."

Dean Wilber is an electrical engineering senior.

Prop. 22 would destroy some positive examples Editor,

(A response to Carolyn Ficara's editorial on Proposition 22) Fundamentally, the term "marriage" in modern society implies an intimate union between two individuals who choose to devote their lives to one another, regardless of their intention to have children — it is an act of love, not strictly a facilitation of procreation. In examining traditional Christian wedding vows, it is clear that the focus of the marriage contract

is mutual respect and a person's choice to hold one individual above all others. While this institution is an ideal setting in which to raise children, it is generally not entered into strictly for this purpose.

Conservatives continually assert that accepting homosexual relationships ensures the deterioration of "traditional family values" — those of support, love, respect and dignity. Perhaps if the proponents of Proposition 22 were to pay attention to the majority of homosexual partnerships and the positive values that they exemplify, rather than focusing their attention on the negative gay/lesbian stereotypes portrayed in the media, they would realize that recognizing such relationships will only enhance the sanctity of positive values in our culture. We ought to be devoting our energy to encouraging healthy relationships among young people by holding up positive examples of such, rather than attempting to destroy one-tenth of these examples.

This destruction is the true intent of Proposition 22. If passed, the proposition will leave California law unchanged. The only noticeable result will be an encouragement of

bigotry and lack of understanding for nearly 3.3 million gay and lesbian Californians.

Carolyn Ficara claimed in her editorial that the gay community was attempting to make use of her symbol of marriage. I personally know of no homosexual who wishes to degrade or disrespect the sanctity of marriage between a man and a woman. The only wish is to be afforded the same respect given other relationships founded on basic principles of human decency — a lifetime of love and devotion — rather than ignoring such efforts and sweeping them under the rug.

Fundamentally, Proposition 22 will only further closet an entire honorable segment of our population denying them the right to the kind of relationship claimed by Americans to be morally just.

Matt Bosserman is an architecture senior.

"Saving" marriage is taking away rights Editor,

In regards to the letter written by Tim Riley, "Proposition 22 is simple" (Feb. 17), there are a couple of points that I found to be ill-written and disrespectful.

In the first sentence, Riley said that Proposition 22 is the "marriage initiative." I find this to be a little misleading because the original title of this proposition was the Knight Initiative. The underlying tactic here seems to be pushing a piece of legislation by people who seek to restrict my civil rights as an American citizen and as a homosexual in California.

Pete Knight is the author of this initiative for two simple and over-obvious reasons. First, he is trying to further his political career by gaining support on a proposition that would surely divide the state into people for him and against him, knowing that the SIMPLE title of "Save Marriage" on a billboard would get him political backing.

Second is the easily overlooked fact that he hates gay people and will do anything to deny them human rights. What a lot of people do not know is that Pete Knight's son is gay and that late his brother was as well. Pete Knight no longer speaks to his son or his brother-in-law. Why else would a conservative politician step into such a controversial arena and risk his reputation other than the fact that he has personal matters to attend to?

Riley goes on to say that the proposition is not hateful or discriminatory. Well, I don't know about you, but when somebody tells me that I don't have the right and freedom to share a health insurance policy or even to have a chance of sharing the name on a home, then that would seem, for lack of a better term, discriminatory.

The thing that really gets me is people like Riley are overlooking what happens if, sometime down the road, my boyfriend with whom I have the same last name and share a home and a LIFE with gets into an accident where he would have to be put into the hospital. There is nothing saying that I can even speak to him or see him because I am not considered family.

People who murder, people who molest children and break into homes, and people in jail still have a right to marriage. Their families even get to be there when they die. I don't get that, and my boyfriend and I are good people who do moral things.

Riley says that this initiative is not anti-gay. I urge him to rethink

his position. The fact that my rights are infringed upon and that they are not equal makes it directly related to homosexuals.

Not one homosexual I know ever "chose" to be gay! Who in their right mind would ever "choose" to be part of one of the most hated minorities in the country? The only choice that I ever made was to love myself and the people around me and to put my mind at peace from people like Pete Knight, who hates his own flesh and blood for just being alive.

Proposition 22 is not a marriage issue, it is a civil rights issue. I want to urge people to vote "NO" on 22 for that simple fact. I also want to say to people like Riley and Knight that nothing is going to stop me from fighting for what I believe in. Not until the day I die.

I am not going to be a second-rate citizen with more regulations and limited rights. And I am not going to let the next generation of homosexuals walk into that mentality either.

Joseph Campanale is a biological sciences freshman.

Look at real issue of debated Prop. 22 Editor,

It disgusts me that the supporters of Proposition 22 are resorting to the same political extremism and scare tactics that they constantly accuse the gay community of using.

First, let's clarify the proposition, since most Proposition 22 arguments seem to focus on the "morality" of same-sex marriages rather than the real issue: whether California will recognize gay marriages from other states. And why shouldn't we? I can legally drive in California with my Arizona driver's license; I believe marriage licenses should be honored in the same way. Even though Arizona's driver's license requirements differ from California's, my license is valid here. Even though other states may allow marriages that California currently does not, we should at least recognize them as valid.

In her pro-Proposition 22 column ("Don't change definition," Feb. 18), Carolyn Ficara claims that "the gay community is practicing bigotry." Interesting. I wonder if she would have called Martin Luther King Jr. a racist? Fighting for equality is not a crime, Carolyn — and as long as homophobic political zealots like you try to bend the law to accommodate narrow-mindedness, I will not be silenced. I am no less human because I am gay, and I deserve no less than a straight man deserves — yes, even including the right to commit to the individual I love through marriage.

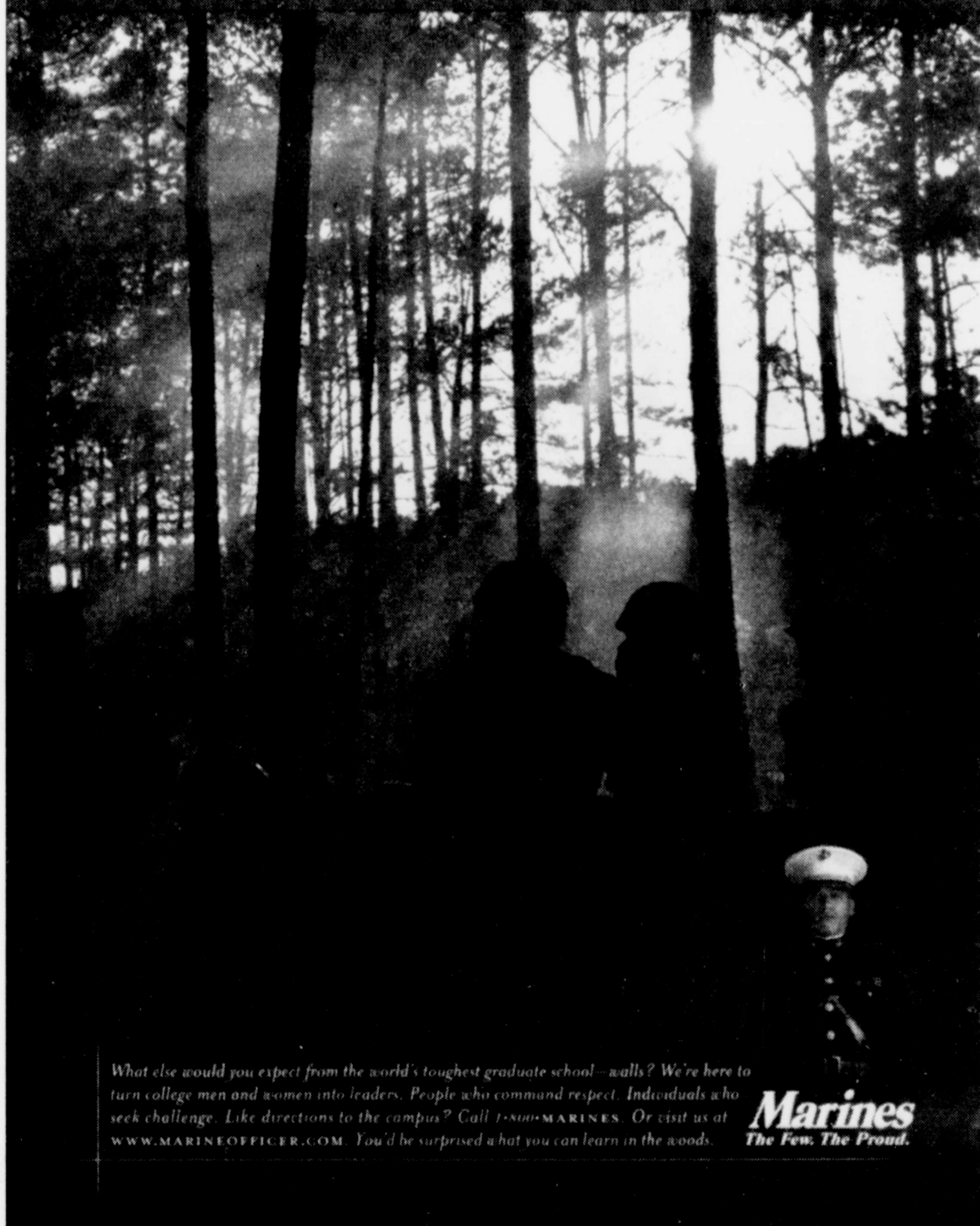
Pete Knight, author of the proposition, has a gay son and had a gay brother. He has turned his own insecurities and family disagreements into a vendetta against all homosexuals, using politics as a tool for personal validation. Is this what government is for? Promoting homophobia and hatred for others is not what politics should be about. If Proposition 22 passes, it will only further divide this state.

Please join me in voting "NO" on Proposition 22 on March 7. Don't just do it for me, or for the 3.2 million gay Californians — do it because you believe that equality and justice are values that this country depends on, and which we cannot afford to turn our backs on.

Patrick O. Hoesterey is an architecture freshman.

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On Campus Dining Guide

Campus Market Offers Great Food All Day Long

By Lauren Nowenstein

Some students might think the only place to eat on campus during a mid-afternoon meeting on Saturday or a late Sunday night study session is at The Cellar or a meal plan area like Light House or V.G. Cafe. However, what they don't know is that the Campus Market is open during these times—and many others—for them to grab a quick meal or snack.

In fact, the Campus Market has the most operating hours of any dining establishment on campus: from 6:30 a.m. to 10:00 p.m. Monday through Thursday, 6:30 a.m. to 5:30 p.m. on Friday, 10:00 a.m. to 5:00 p.m. on Saturday, and 10:00 a.m. to 10:00 p.m. on Sunday.

The convenience store is located

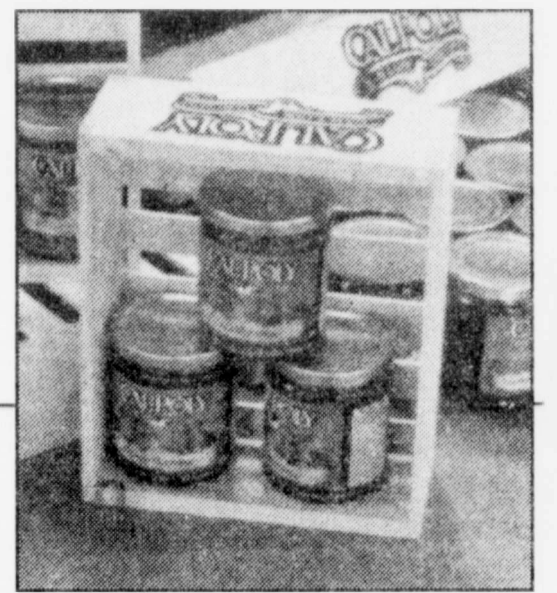


near the library behind Ag. Science. It features grill and deli items, pizza at lunch, specialty foods, school supplies, health and beauty aids, and much more.

The Campus Market is currently selling a variety of Cal Poly products, including fresh squeezed apple juice; lemons; Gouda, Chipotle Jack, and San Luis Lace Swiss Cheese; beef jerky; large and extra large eggs; and frozen fryer chicken. According to Bob Cushing, the retail merchandiser for the Campus Market, Cal Poly eggs sold at the Campus Market are often much fresher than those sold in grocery stores. "Sometimes eggs are already two weeks old when they make it to the grocery store. There's a fresh batch of Cal Poly eggs every week, they come straight from the farm to the shelf," Cushing said.

Cushing added that while the chicken sold at the campus Market costs a bit more, you can be sure it was raised without the use of hormones.

Cushing recommends that newcomers to the Campus Market try a breakfast burrito, which contains scrambled eggs, cheese, and tri-tip. The Campus Market also houses Julian's Jr., which offers gourmet coffee, espresso and bakery items. The Julian's Jr. counter is open whenever the Campus Market is open. The Campus Market has begun construction on more outdoor seating, which should be completed by spring quarter.



NATE KORNIIEVSKY

The AVENUE

We've Got What You Want!

The Avenue has it all:

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- | chicken
- | hamburgers
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- | tacos
- | frozen yogurt

And lots more!

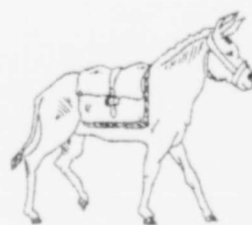
Across from Mott Gym.

Plus & Campus EXPRESS Club Welcome

TAPANGO'S

Value priced
Mexican cuisine

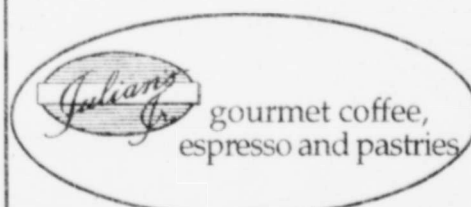
Between Kennedy Library
and the Dexter building.



Plus & Campus EXPRESS Club Welcome

Campus MARKET

Your convenient source
for special foods
and groceries.



Behind Ag. Science.

Plus & Campus EXPRESS Club Welcome

Campus EXPRESS Club

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\$1 or more
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No cash value. Valid at the Campus Market only.
One coupon per customer.
Not valid with other offers.

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From the finest whole
bean coffees, Julian's is
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for gourmet coffee drinks,
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downstairs
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Lucy's

near Science Bldg

Downstairs
Dexter

Fresh
Fast
Fun
fruit drinks



Plus & Campus EXPRESS Club Welcome

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Satisfy any appetite with all-you-
care-to-eat meals at Light House
three times a day, seven days a
week! Choose from:

- fresh pastries
- breakfast eggs to order
- daily entrees and specialty items
- charbroiled hamburgers
- a 30-foot salad bar
- fresh baked breads and desserts
- tofu, a hot grain, and more in the Options line (open at dinner.)

Located in the Dining Complex,
between the Sandwich Factory and
the stairs from U.U. Plaza.

Plus & Campus EXPRESS Club Welcome

THE CELLAR

Need a quick, tasty snack as
you rush between classes?
Vending your favorite foods,
everything from coffee and sodas
to sandwiches, french fries
and fruit.

Convenient, quick and
always open.

downstairs in Dexter

Plus & Campus EXPRESS Club Welcome

NATIONAL ENGINEERS WEEK

FEBRUARY 22-25, 2000

ENGINEERS CELEBRATE A MILLENNIUM OF INNOVATION

"As we begin this millennium, engineers lead the way with solutions," notes **Peter Lee**, Dean of the College of Engineering (CENG). "National Engineers Week (NEW) recognizes engineers' past, present, and future innovations at Cal Poly, and in the

world, and we invite the entire campus and community to celebrate this rich heritage and exciting future."

Nationwide, engineers gather around the time of George Washington's birthday to increase public awareness and appreciation of the engineering profession. Our country's first president was also a man of creative solutions: Washington was a military engineer and land surveyor. Founded by the National Society of Professional Engineers in 1951, NEW is currently sponsored nationally by 14 major corporations and endorsed by over 50 national engineering societies.

Cal Poly's NEW Events

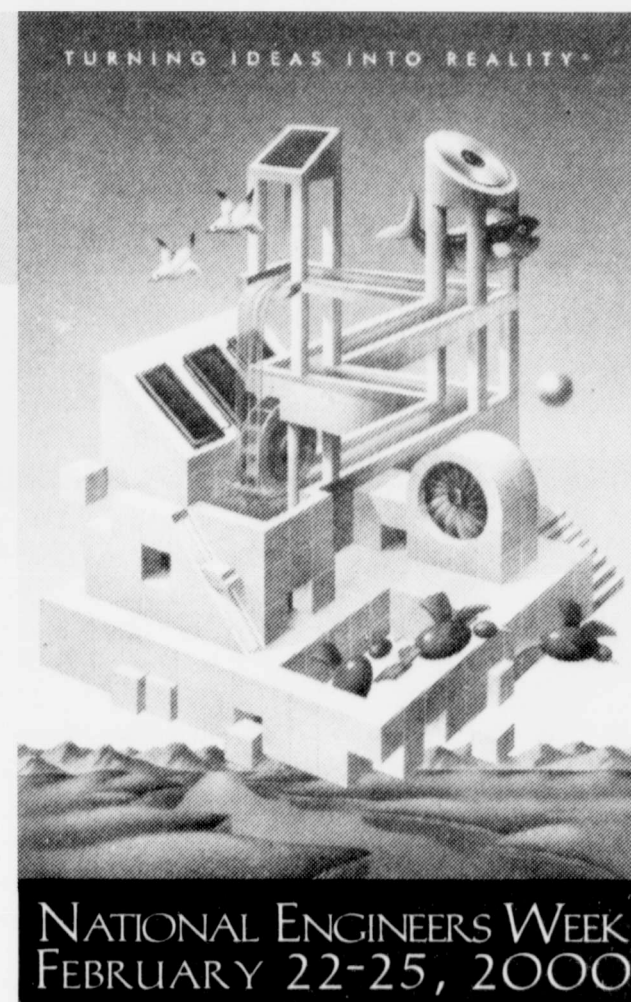
Commissioners **Lydell Aaron** and **Ramiro Adeva** point out, "Our focus this year is participation. We want students to have fun while being exposed to engineering." Today, during **Engineering Fun Day**, students can throw on a Sumo Wrestling suit on Dexter lawn and body slam their fellow students, or pretend to be Jeff Gordon and race a Mini-Indi car on an inflatable track.



Ramiro Adeva, Dean Lee and Lydell Aaron; left to right.

"Thursday's **Engineering Olympics** will be the start of an annual competition," says Aaron. "We're hoping the winners of tomorrow's events will start a legacy, and pass the trophy on to next year's competitors." Competitions will incorporate engineering related problem solving. Aaron explains, "Our goal is for students to be challenged both physically and mentally."

Another event engineering students won't want to miss is the Farmer's market talent show. Adeva laughs, "We want people to know we're not just *brainiacs*, but we have other talents too." Engineering clubs and students will also display past projects like American Society of Civil Engineers' (ASCE) award-winning steel bridge and the Mechanical Engineering club's Mechanical Mice, so the community can experience a hands-on look at engineering. If you want to take a break from number crunching and perform in tomorrow night's talent show, contact National Engineers Week Event Commissioners Lydell Aaron and Ramiro Adeva: laaron@calpoly.edu or radeva@calpoly.edu.



Tuesday, February 22, 2000

Time Capsule Burial
Advanced Technology Laboratories,
Building 007
11:30-12:30

College of Engineering Barbecue
Dexter Lawn
10am-2pm

Free at McPhees
McPhee's Bowling Alley
8pm-10pm

Wednesday, February 23, 2000

Engineering Fun Day
Dexter Lawn
10am-2pm

MEP Awards Banquet & Corporate Social
Performing Arts Center
6pm-9pm

Thursday, February 24, 2000

Career Symposium
Rec Center
9am-3pm

Engineering Olympics
Location TBA
12 noon-1pm

Engineering Talent Show
Farmer's Market
Downtown Garden Street
6pm-9pm

Friday, February 25, 2000

Engineering Olympics
Location TBA
11am-12 noon

Evening With Industry
Embassy Suites
6pm-10pm

Engineering Luau
Elk's Lodge
10pm-1am

THE COLLEGE OF ENGINEERING ASKS: HOW WILL ENGINEERING CONTRIBUTE TO SOCIETY IN THE NEW MILLENNIUM?

"At Cal Poly, our engineering programs continue on a path of excellence, graduating engineers 'ready to work'—and to help solve an array of technical, social and economic problems. Looking to the future, we can be confident that Cal Poly's "learn by doing" traditions, with their judicious mix of theory and practice, will continue to serve our students and the State well. At the same time, the environment for engineering—and engineering education—in California is changing. The State's population is increasing rapidly and becoming more diverse. Dramatic growth and development are occurring in knowledge and technology. To adapt to this environment, our engineering graduates must emerge with imagination, breadth of perspective, sensitivity and flexibility—and the ability to continue to learn throughout their careers. Armed with these qualities, they will retain their important role as society's premier innovators and problem solvers."

Warren Baker, President
Cal Poly



President Baker (right) and Dean Lee

"Engineers changed our world during the last century, and they will continue to do so. For instance, engineers and computer scientists designed and developed the new transportation and communications systems that have established a global marketplace, indeed, a global society. Engineers will continue to bring our world together as never before. Given our technology-centered world, I moreover believe that engineering and computer science will provide the keys to solving problems mankind faces. Increasingly, our social, economic, and political issues intersect. Technological advances and innovation are at the heart of these intersections presenting solutions that elevate the human condition. I know, too, that our own Cal Poly graduates will tackle these problems and make enormous contributions to society in the next century and beyond."

Peter Y. Lee, Dean
College of Engineering

Please see *New Millennium* continued on page 4

MESA TO CELEBRATE STUDENT ACHIEVEMENT AND A NATIONAL TITLE

Each year, the **MESA (Math Engineering Science Achievement) Corporate Social and Academic Recognition Banquet** provides a forum for recognizing outstanding students. Tonight, 25 Cal Poly **MESA Engineering Program (MEP)** students will receive over \$30,000 in scholarship awards. Moreover, banquet attendees will have the opportunity to cheer four members of Cal Poly's **Society of Hispanic Engineers (SHPE)**, who proved themselves to be #1 in the nation at SHPE's national Academic Olympiad.

On November 6, **José Castro (CE)**, **Manuel Alvarez (ME)**, **Jesus Rodriguez (EE)**, and **Patrick Cabral (ME)** beat out teams from UC Berkeley, Stanford, and other campuses to win the regional tournament. On January 27, Castro Alvarez, and

Cabral went head-to-head with the other five regional team champions during SHPE's National Technical Career Conference in Washington, D.C. The teams fielded questions in topics ranging from SHPE trivia to computer science, math, physics, chemistry, electrical engineering and other engineering disciplines. SHPE's win marks the first time Cal Poly has bested the nation in the jeopardy-style contest.

"We are extremely proud to present these impressive young engineers along with all our scholarship winners," says **David Cantu**, MEP director. "Their achievement not only reflects the high performance standards of Cal Poly students, but it also measures MEP's success in our recruitment and mentoring objectives."

Ever since 1983, Cal Poly's MEP program has provided an on-campus "home"

and social and academic support services for underrepresented engineering students. MEP students usually participate in one of three active student clubs: SHPE, the **American Indian Science and Engineers Society (AISES)**, and the **Society of Black Engineers and Scientists (SBES)**. The program also has a mission to provide to California's pre-college, low-income, first generation college students with the chance to explore engineering and science through engaging, hands-on projects. Currently, almost 400 Cal Poly students work with

over a hundred pre-college students from Central Coast and Central Valley towns.



MESA 1999 Scholarship Winners at last year's banquet

NATIONAL ENGINEERS WEEK 2000

MAKING A MARK IN ENGINEERING HISTORY: CAL POLY PROFESSORS AND ALUMNI



Burt Rutan (AERO '65)

At the Smithsonian National Air and Space Museum you can see the Wright Brothers' 1903 Flyer, Sputnik 1, Apollo 11 . . . and the Voyager, the stunningly elegant aircraft designed by Burt Rutan. The Voyager made history with the first non-stop, non-refueled flight around the world.

Even as a schoolboy, Rutan designed award-winning model planes. His avocation became a career when he founded the Rutan Aircraft Factory, and then, in 1982, Scaled Composites, which develops research aircraft. The company's latest project is the Proteus, an aircraft designed not only for reconnaissance and telecommunications missions, but also for suborbital space tourism. Rutan wants to blast more than 40,000 tourists into space by the year 2010.

Rutan exercises creative license, and some aircraft builders have criticized Rutan for his radical designs. But in a recent interview for Los Angeles Times Magazine, Rutan states: "If I had the choice between something conventional and something different, and both of them produced the same result, I'd try something different. Because that's how we learn. That's how we make progress." One of Rutan's most shocking designs is the Boomerang, an exotic, asymmetrical twin engine plane. Although Rutan considers this new plane his "most significant," the Voyager's 1986 nine-day, round-the-world flight ranks as the last great milestone of powered flight.

Rutan continues to design and build airplanes that surprise the industry. His 1995 induction into National Aviation Hall of Fame confirms his place in aerospace history.



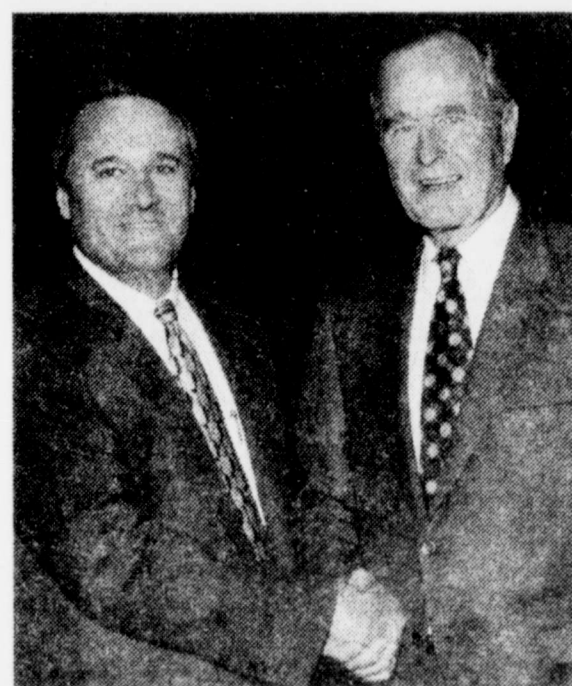
Bill Swanson (IE '72)

During his 28 years with Raytheon (now the nation's third largest defense company) Bill Swanson has been directly involved with defense projects that have made more than engineering history—they have made international history.

Since joining Raytheon Company in 1972, Swanson has held a variety of titles, ranging from plant manager (the company's youngest) to his current position as president of Raytheon's Electronic Systems. During his tenure, Swanson oversaw one of Raytheon's most recognized projects, the Patriot Missile, which, during the Gulf War, was assigned to shoot down incoming Iraqi Scud or Al-Hussein Missiles. A review of the Patriot's performance quoted Charles A. Zakret of the Kennedy School of Government at Harvard as saying that the Patriot gave a "credible, effective performance that warrants credit to the U.S. Army, the IDF, Raytheon, and the other contractors who built the system." In fact, after the Gulf War, President George Bush visited Raytheon and personally thanked Swanson.

In 1997, Raytheon Company merged with Hughes Aircraft, and consequently formed Raytheon Systems Company. Swanson says, "We've put together RSC as a totally new model, with a 'one company, one philosophy' approach. We encourage creativity, innovation, and engineering excellence."

In the decades to come, we can be sure that Swanson, as a top leader in national defense systems, will be intimately involved with advancements that will impact not only our national security systems but also military practices throughout the world.



Bill Lee (ME '65)

Bill "The Wizard" Lee forces us to drop stereotypical notions about engineers. Instead of a whitewashed lab, Lee's workplace is a 200-ft long, low ceiling, ex-chicken coop. For over 20 years, this hilltop "factory" in Soquel, CA has been the hub of Lee's renowned boat-designing and boat-building enterprise. In fact, Lee is known around the world for some of the fastest and best sailboats the Pacific waters have ever seen.

Lee found his calling when he started racing sailboats in the early 70's. In 1975, Lee sailed in the TransPac races. He loved the water, the excitement, and the speed, and he made the decision to win the race. That's when his engineering training and his creative genius kicked in.

During the 70's, Santa Cruz was a hotbed of radical sailboat design, especially concerning light displacement sailboats and construction. But one of the most radical and successful projects was Lee's sailboat that would displace just 23,000 pounds over 68 feet. He built it on a shoestring budget, and it was a risk considering the materials he was using. But Lee won his gamble when his fantasy boat, Merlin, not only won the 1977 Transpac but made the fastest finish ever—a record that held for over 20 years. Big, light, fast, and seaworthy, Merlin—and Bill Lee—radically altered the future of sailboat design.



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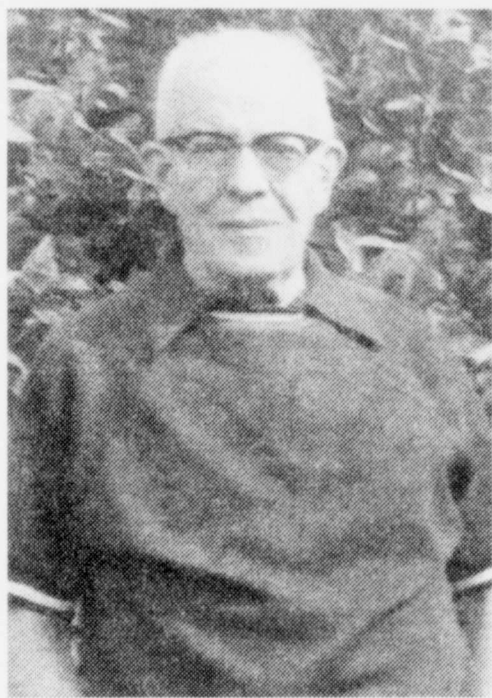
March 3, 2000

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NATIONAL ENGINEERS WEEK 2000



O.W. Simmons (MATE)

When materials pioneer O.W. Simmons helped found the Metallurgical Engineering Department at Cal Poly in 1960, there were only 42 faculty in the entire College of Engineering (CENG). Simmons admits creating curriculum, finding books, and acquiring accreditation was "one hell of a struggle."

Founder of Cal Poly's Materials Engineering Department (MATE) Dick Wiley hired Simmons because of his impressive background in industry with companies like Waterford Arsenal, Packard Industries, and Remcrue. In the 1930's and 40's, Simmons worked on "tuballoy," which we now know as uranium. When Simmons returned to the states after WWII, the Navy ordered him to research titanium, but neither Simmons nor his supervisor even knew what titanium was. Simmons jokes, "We called

it the Wonder-metal, because we wondered how to get some, and what to do with it once we got it." To this day, Simmons and his wife flaunt self-designed titanium wedding bands; the corrosive resistant material is now used widely in the aerospace industry as well as in orthopedics.

Thankfully, Simmons' hands-on background in the metallurgical industry prepared his students to solve real-world metallurgical problems throughout the latter half of the century.



Jerry Counts (EE '66)

Working on the Space Station may sound like the height of any career, but Jerry Counts regards starting his own company as his greatest contribution to engineering. Countdown Engineering (a company that has manufactured clocks and computers for off-road motorcycles since 1979) gave Counts a sharp corner on the market when his product first emerged. Counts recalls, "I wasn't afraid to tackle all the electrical and mechanical work. I designed the molds, laid out the print and circuit boards, and before I knew it, I became the Microsoft of the business." Currently, Countdown Engineering sponsors Dual Sport back-country tours. In late July, Counts and fifteen others will take a 2500-mile tour from Mexico to Canada.

While maintaining Countdown in his spare time, during the week Counts works for Boeing as a senior systems engineer on the International Space Station. This summer, Counts will watch live coverage in the control room as space-walking astronauts install the electrical power system he designed.

Reflecting on his many intriguing career moves, Jerry Counts is not only grateful for the hands-on experience he gained at Cal Poly during sheet metal shop and other practical engineering classes, but also for the theoretical, problem solving skills that he has used every day since graduating. Counts notes, "My engineering curriculum at Cal Poly, more than anything, taught me to think like an engineer."

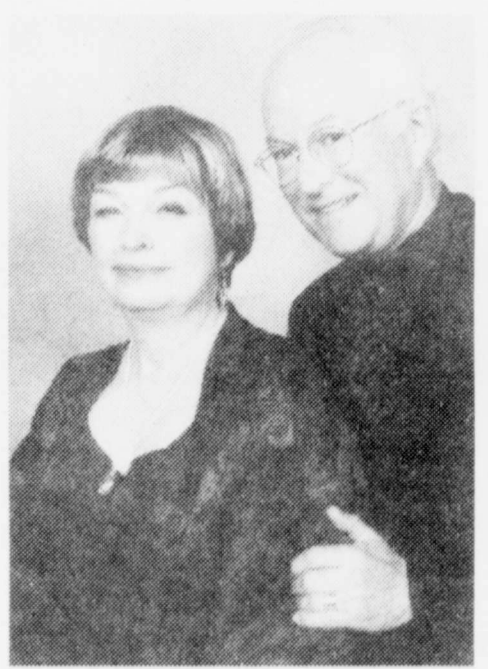
Zane Motteler (CSC)

Former Cal Poly computer science professor (1982-93), Zane Motteler has made his mark by his significant involvement with the accreditation process for computer science programs nationwide. As a leader in the Computer Science Accreditation Commission (CSAC), Motteler has been key to establishing and implementing improved standards for computer science education programs around the country.

Motteler became involved in accreditation leadership after observing the process at Cal Poly: "When I directed the Computer Engineering Program (CPE) at Cal Poly, I was troubled by the 'bean counting' approach; I wanted the accreditation criteria to be less 'numbers' based and more focused on outcomes." Because of his concerns, Motteler became an accreditation team member and was eventually elected to the executive committee of CSAC.

In his current role as vice chair of the commission, and in his future role as chair (2000-2001), Motteler hopes to continually improve assessment standards. He explains, "I've visited a number of schools that satisfy the numerical criteria (i.e., number of hours, number of faculty, number of topics covered, etc.), but whose graduates are driving taxis. I think it's far more important for a program to send its graduates to graduate programs and into technical employment than it is for them to fit a numbers template."

Motteler plans to continue his involvement with accreditation into the new millennium. And by helping to define and determine our engineering education programs nationwide, he, in turn, will have a strong hand in shaping the engineers of the future.



Marilynn and Zane Motteler



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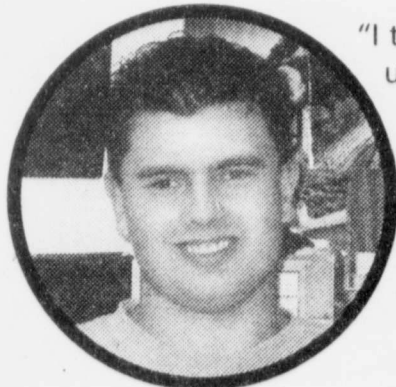
SONY



DIGITAL DREAM KIDS

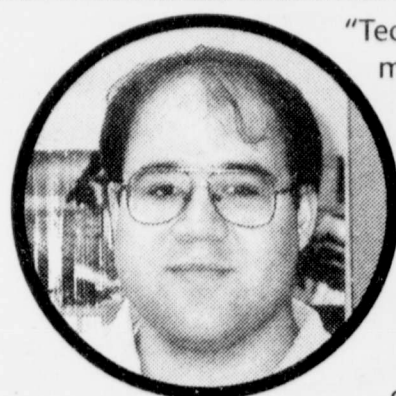
NATIONAL ENGINEERS WEEK 2000

New Millennium continued from page 1



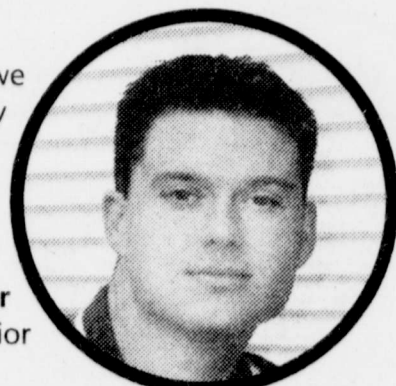
"I think civil engineers will develop and begin using a permeable concrete that will help the environment by allowing rain water to flow back into the water table. The millennium should be known as 'The Age for the Environment.'"

Nicolas Rodrigues
Civil Engineering junior



"Technology will finally eliminate SPAM in the new age! Regardless if we still use e-mail, move to video-mail or thought-mail, intelligent agents will evolve to the point where they can spot unsolicited commercial communication."

Terry Ott
Computer Science senior

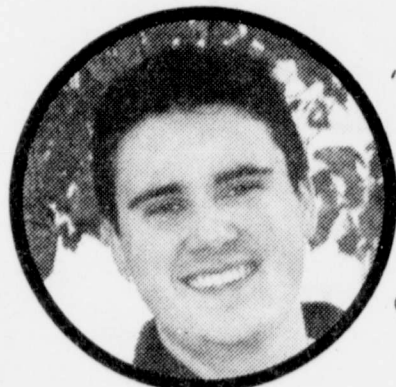
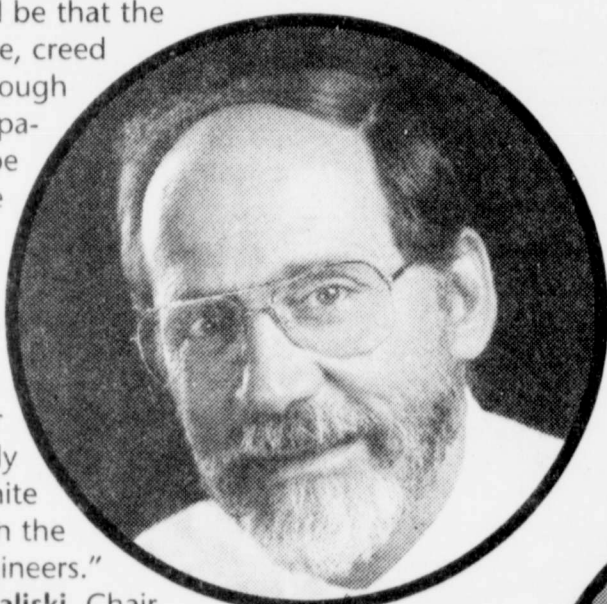


"The future will be less of a physical realm than we could ever imagine. All appliances and everyday objects will respond to thought. The most common substance will be a thought polymer that moves and changes shape according to its owner's thoughts; it will serve as chairs, tables, desks, etc."

Nathan Schurr
Computer Engineering senior

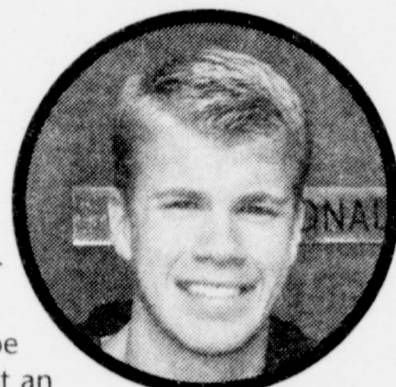
"It is my hope that engineering (and science) will contribute to a new social awareness in the world, or even extraterrestrially. This new awareness will be that the differences between gender, race, creed and sexual orientation are not enough to preclude full and equal participation in society by all who wish to be so involved. Engineering can serve to be the ultimate tool of a democratic society—a tool that accentuates our differences in a positive way, and minimizes the negative connotations so often ascribed to them. Engineering can empower those less physically and mentally able—and should. The days of white male patriarchy can finally end—with the help of engineers."

Marty Kaliski, Chair
Electrical Engineering Department



"Engineering in the new millennium will provide medical and technological advances beyond anything we can imagine. In the near future, people will wear computers and have cellular video phones and wireless everything. Medical advances like cloning organs and 'miracle' operations will be commonplace. The blind will see, the paralyzed walk, and the deaf hear."

Kevin Kress
Computer Science junior



"Engineers are going to develop the technology to clean up this planet, so we don't have to move to Mars."

Eric Gardenhire
Aerospace Engineering junior



"Engineers will build a structurally-sound city made entirely of cheese, and they will create a self-tanning lotion that doesn't turn you orange."

Amanda Berlin
Environmental Engineering senior



"I can't imagine a more exciting time to be an engineer!! Technology innovation is at an all time high with no end in sight, the Internet is dramatically changing the way businesses offer goods and services, and global access to information is available at your fingertips. My hope is that in this coming millennium engineers will continue to focus on how to preserve and protect our universe for future generations. I also hope that they will strive to improve what has come before them by developing and implementing ideas utilizing technology with the goal of creating a better quality of life for all."

Kathleen Holmgren (IE '80)
Vice President, Network Storage Business Operations
Sun Microsystems

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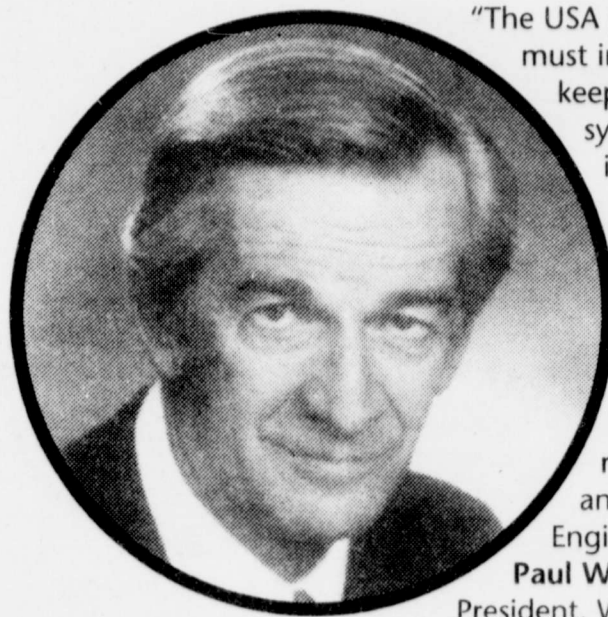
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NATIONAL ENGINEERS WEEK 2000



Paul Wright (ME '58)
President, Wright Associates
former Chairman & CEO, Chrysler Technologies

"The USA population will double by the end of the 21st century. We must improve the productive use of our systems and resources to keep pace. Consider the following example: The transportation system (highways, airports, railroads, docks, etc) cannot 'double' in size. We must, therefore, use the existing infrastructure more efficiently. This is the role of the engineering community. Fully automated highways will feature broadband communication links to cars. Control centers will coordinate signals to increase traffic flow, provide route and weather information, and report accidents and repair work. Highway, ship, rail, and aircraft systems will be linked to provide freight movement for true 'real-time' inventory control. Air travel will require more and larger airplanes. Air traffic control systems and airport facilities must be upgraded to accommodate. Engineers will play a central role in these 21st century changes."

"Space is the future for mankind. This new millennium will bring new, cheap access to space. With inexpensive access to space, the settlement of other worlds is the next natural step! Living and working on the moon? Farming or mining on Mars? Why stop there, what about establishing outposts on the large Galilean moons of Jupiter?! It sounds like science fiction, but today's students will be turning these endeavors into science-fact. Space and the heavenly bodies of our solar system alone will provide mankind with virtually unlimited resources to fuel the exploration of our solar neighborhood, and beyond. Get inspired!

This is our future!"

Jeff Napier
Aerospace Engineering senior



"In the near future, the development of the gasoline-electric hybrid engine and the electric engine will change the automobile industry. These two advances will drastically reduce the pollution from fossil fuel use, increase automobile efficiency, and reduce our dependence on fossil fuels."

Chris Weinberger
Mechanical Engineering senior

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NATIONAL ENGINEERS WEEK 2000

ENGINEERING CLUBS — THEN AND NOW

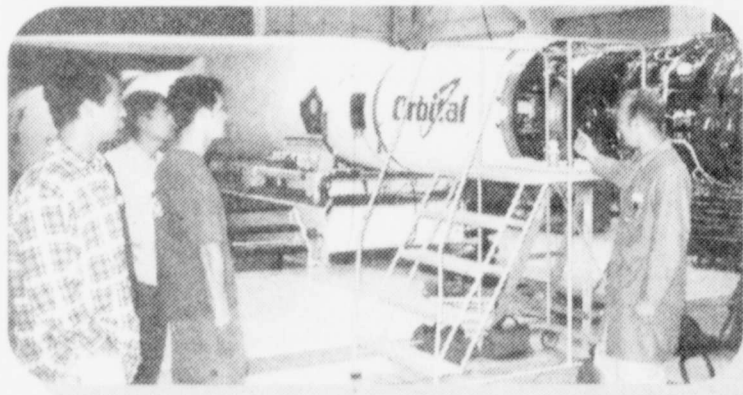
Society of Civil Engineers (SCE)

Cal Poly's SCE have established a legacy of achievement. Last year, for the *eight*th time in ten years, the group won the overall first place title at the Pacific Southwest Regional Student Chapter Conference. Over 60 members helped the group take first in five competition categories. Pictured are members of the 1990 SCE team, the team that initiated SCE's championship decade.



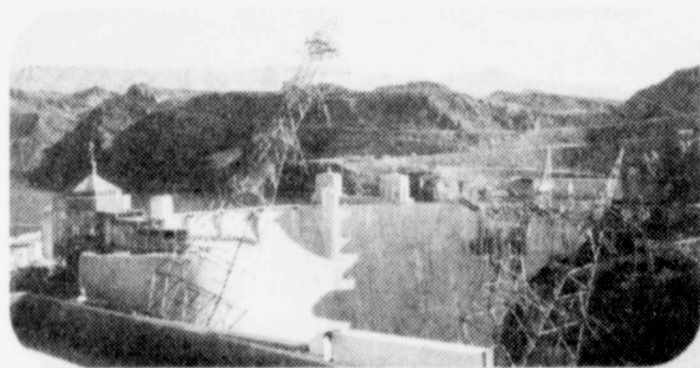
Sigma Gamma Tau (ΣΤΤ)

Sigma Gamma Tau, the national aerospace and aeronautical engineering honor society, was founded in 1953 at Purdue University "to offer appropriate recognition to persons of superior scholarship, outstanding character, and professional achievement in the field of Aeronautical Engineering." Cal Poly's chapter offers four field trips each year, such as the one pictured at the Vandenberg Air Force Base Orbital Science Facility.



Power Engineering Society (PES)

The Power Engineering Society, a division of the Institute of Electrical and Electronics Engineers (IEEE), assists students meet their professional goals by facilitating company contacts, meetings, and seminars, and organizing tours of power-generating facilities. The group has taken tours this year to Hoover Dam and the Morro Bay Power Plant. In October, PES helped host the 31st North American Power Symposium. This prestigious forum provides a venue for university faculty, students, and industry representatives to discuss current research and trends in the field.



American Institute of Aeronautics and Astronautics (AIAA)

The *Lisa B.*, the model aircraft pictured, follows in the long tradition of the Aeronautical (now Aerospace) Engineering Department. Founded in 1927, the program aimed to teach students about the maintenance and repair of aircraft and their engines. One or more airplanes were built each year, the first being the Glenmont, a replica of Lindbergh's *Spirit of St. Louis*. The plane is believed to be the first constructed in the United States by students. Although Cal Poly students can no longer build full-sized aircraft to fly, the AIAA Cessna/ONR Student Design/Build/Fly Competition provides a real-world aircraft design experience. The *Lisa B.* will be ready to fly in the national competition in April 2000. For more information see: www.calpoly.edu/~jnapior/dbf.html.



Society of Black Engineers and Scientists (SBES)

SBES is Cal Poly's chapter of the National Society of Black Engineers and Scientists (NSBE). NSBE is the largest student run organization in the nation. **Allan Dover**, Cal Poly's SBES president, says, "As we move into the new millennium we face many new and exciting challenges that comprise our future as engineers and scientists. We must prepare ourselves by remaining steadfast in our pursuit of academic and professional excellence; equally important must be our commitment to community." SBES members enjoy lectures and conferences as well as social events, such as the one pictured. For more information on SBES see www.calpoly.edu/~mep/SBES.



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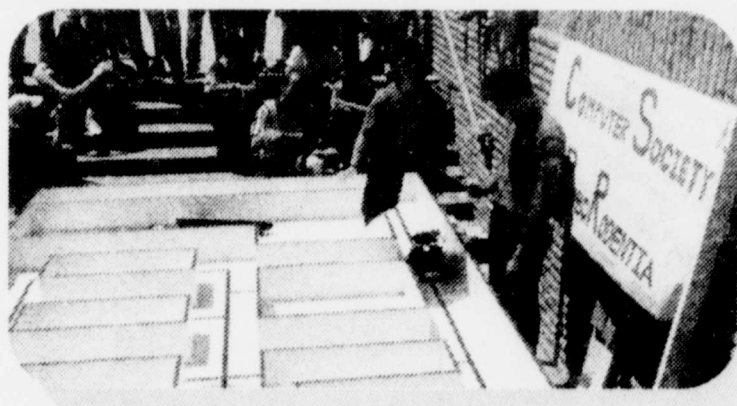


LOCKHEED MARTIN

NATIONAL ENGINEERS WEEK 2000

IEEE Computer Society

The national IEEE Computer Society traces its origins to the 1946 formation of the Subcommittee on Large-Scale Computing of the American Institute of Electrical Engineers, the same year that the ENIAC, the first large-scale general-purpose electronic computer, was unveiled. Each year since 1995, Cal Poly's Computer Society members unveil their own assortment of small-scale robot "rats" at RoboRodentia, one of the most popular attractions during Open House. Check out the fun at <http://www.ieee.calpoly.edu/cs>.



Society of Hispanic Professional Engineers (SHPE)

SHPE's Mission is to promote the development of Chicanos, Latinos and Hispanics in engineering, the sciences, and other technical professions to achieve educational excellence, economic opportunity, and social equity. The group increases educational opportunities and aids professional and personal growth. SHPE members also serve as mentors to K-12 students in a wide variety of outreach and service activities, and they enjoy getting together for social events. This picture was taken in April 1998 at the Santa Monica Pier before the group headed off on a trip to Magic Mountain.



Agricultural Engineering Society (AES) and American Society of Agricultural Engineers (ASAE)

Cal Poly's AES and ASAE have been known for their tractor pull competitions for three decades. Pictured here is the first riderless sled built at Cal Poly in 1973. Student **Dave Hamilton** is walking alongside the sled, while **Gary Weisenberger** (now a professor in the Bioresource and Agricultural Engineering Department) drives the tractor that was built by him and other students between 1975 and 1977. Ag engineering students also apply their engineering know-how to the production, processing, marketing, distribution, and packaging of food products.



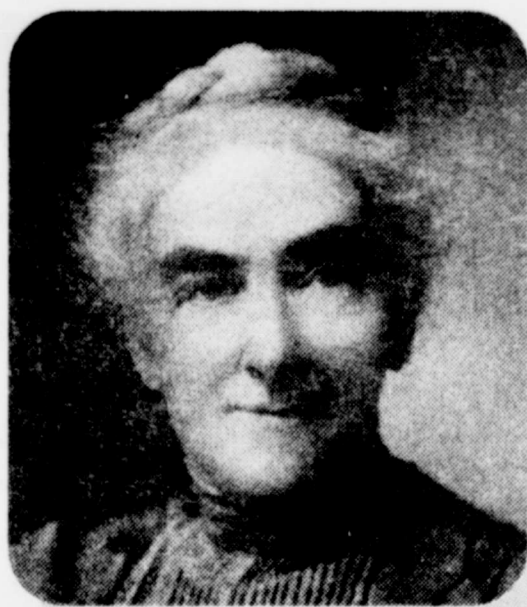
Engineering Student Council (ESC)

The ESC represents engineering students to the Associated Students Inc., the community, and industry. The group is responsible for organizing National Engineers Week, the Annual Awards Banquet, and CENG's Open House. Meetings are open to everyone in the college and are held Mondays at 6 p.m. in UU220. See ESC's website at <http://www.csc.calpoly.edu/~esc>. The 1999-2000 ESC Executive Council pictured includes (left to right) **Amanda Berlin**, **Rosalinda Mendoza**, Chair **Allen Victor**, **Kelly Coakley**, and **Lynette Gontang**.



Society of Women Engineers (SWE)

Pioneering engineer Ellen Swallow Richards (1842-1911) was the first woman student and later professor at the Massachusetts Institute of Technology. A chemical engineer and a leader in the field of environmental/sanitary engineering, she coined the word *ecology*. Richards represents the rich history of American women in engineering. SWE members have carried on this tradition of excellence by developing the leadership skills of its members and establishing outreach programs to encourage young women to pursue technical degrees. Cal Poly's chapter was started in 1975 with a handful of students. Today, the group is the largest student organization on campus with 400 members, 20 percent of whom are men.



College of Engineering Ambassadors

Now in its sixth year, the CENG Ambassador program is made up of knowledgeable, high-energy engineering students who actively represent the college. The group was founded because the College of Engineering's excellent reputation resulted in more and more individuals coming to campus to view labs and programs. The Ambassadors serve as campus hosts to company recruiters, parents, and prospective students, and they participate in events such as Parents' Appreciation Day, Homecoming, the College of Engineering Awards Banquet, Dean's Circle Breakfast, and Open House.



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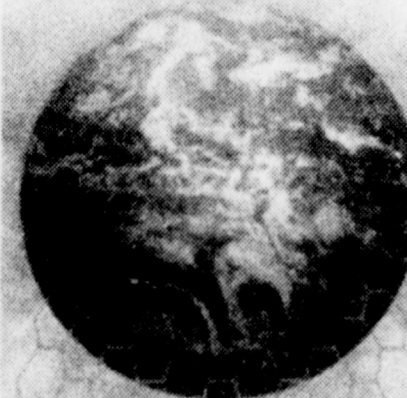
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- ◆ Reduce waste and damage to products during flow
- ◆ Design automation and controls for processing facilities
- ◆ Develop a PLC database for all controllers
- ◆ Develop new layouts
- ◆ Computer controlled adjustments to equipment with SPC monitoring

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Mechanical Engineer

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MCM/Hybrid Manufacturing Process Engineers

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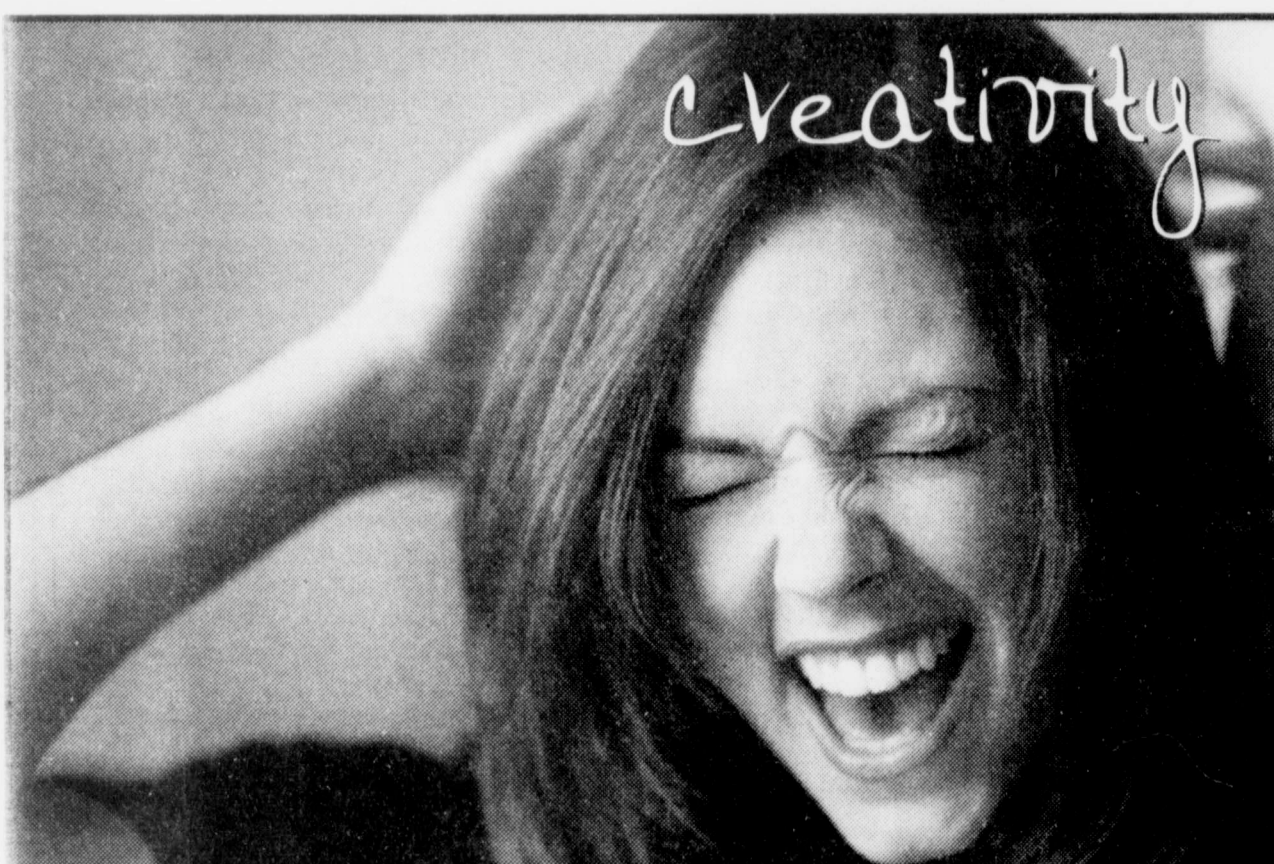
Please visit our website for more details on these and other positions at www.wj.com.

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NATIONAL ENGINEERS WEEK 2000



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We will be at the Career Symposium on February 24, 2000.

An Info Session will be held on March 1, 2000.

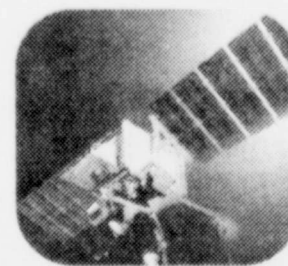
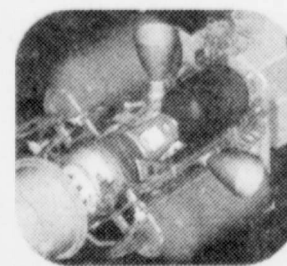
One-on-one interviews will be held on March 2, 2000.

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Bringing technology to the edge

Raytheon

Poly professor deems racism 'white problem'

By Amy Lovell

MUSTANG DAILY STAFF WRITER

Racism is a "white" problem, said ethnic studies professor Charise Cheney during a Thursday night presentation called "Racism 101" at Cal Poly.

"Racism really is the problem of white people," Cheney said. "Since white people in power are the ones perpetuating racism, it is their job to dismantle it."

Adding that this definition does not free blacks from fighting racism, Cheney referred to Martin Luther King Jr.

"King's civil rights movement simply made white America aware of the problem of racism."

Cheney presented a documentary that communicates racist behavior on distinguished college campuses across the United States. The problems took place in the late '80s, indicating that racism is a current event and not a relic of the civil rights era of the '60s.

"There are three forms of racism: individual, institutional and cultural," Cheney said.

She defined individual racism as an individual's unconscious belief that another race is inferior to his or her own. Cultural racism is the belief that "white" cultural practices are superior to other cultures' practices. The most difficult racism to combat is embedded in American institutions such as government, education and business.

Cheney said everyone should be educated about racism so that everyone can take steps to end it. Students in attendance shared their own expe-

riences with racism in Cal Poly's dorms.

"There's a general rule that residents cannot have visitors coming and going after hours. But I notice that white kids go in and out without a hassle and I am frequently notified about the rules when I do the same thing," said civil engineering senior Terence Dozier.

Graphic communications junior Iman Sims said, "White guys can play Dr. Dre's Chronic 2000 album loud and everybody goes to their room to join the party. But when I do it, the resident advisers come and ask me to turn my music down."

Students said it is hard to argue with the differences in treatment when facing the "those are the rules" logic.

In 1903 W.E.B. DuBois predicted that the problem of the color line would be a problem of the 20th century, Cheney said it goes beyond that.

"We're taking the problem with us into the 21st century," Cheney said.

Cheney said that if college students don't take the opportunity to mingle with students of different backgrounds, then they are missing out on a very important experience.

The film showed that students producing the Dartmouth Review, a conservative newspaper at Dartmouth College, were found guilty of harassing a black music professor both in print and in person. The film seemed to indicate that the students exhibiting racist behavior do not consider themselves racists.

Cheney said the most disturbing part of the racism at Dartmouth is



DAN GONZALES/MUSTANG DAILY

Ethnic studies professor Charise Cheney said white people in power are perpetuating racism at her talk, Racism 101, Thursday night.

what happens after these students graduate.

If racist students become racist policy makers, then institutional racism will continue to be a formidable opponent in the foreseeable future, Cheney said. Cheney said her experience at Cal Poly is different than what she is used to.

"This quarter three out of 150 students are black," Cheney said. "My experience here is very different from my experience in Illinois where I taught all-black classes."

City and regional planning junior Joemil Santos said that students must realize that they are a part of a community and have a responsibility to participate in the community. Santos is trying to organize a politically

active group on campus that he calls the Progressive Student Alliance.

"Culture is everything that happens on a daily basis: the food we eat, the cars we drive. I'm motivated because this campus is so close-minded," Santos said.

He said he thinks students must make their views apparent to policy makers.

"We have to vote so we can make a difference in this community," Santos said. Coordinator of multicultural studies Patricia Ponce said that she hopes awareness will bring unity and foster respect and growth among students.

"We're starting a dialogue. And that's very positive in this community," Ponce said.

BONANZA

continued from page 1

Garcia said the Bonanza is unique because it is run entirely by students. Sixty Cal Poly students worked for two quarters to prepare all that was needed to make the show run smoothly.

Western Bonanza, one of the largest junior steer, heifer and lamb shows in California, was created as a senior project in 1984. Today it generates over \$40,000 in revenue for local businesses.

One of the goals of Bonanza is that everyone involved wins something.

"We want everyone to be a winner and walk home with something," awards coordinator Lauri Bollinger said. "Whether it's a T-shirt or champion belt buckle, our goal is that everyone be a winner."

More than \$20,000 in cash and prizes were donated by various businesses and cattle and sheep producers in California.

In addition to the cattle and sheep contests, there was also a fitting contest in which contestants had 20 minutes to prepare their animals for showing. Exhibitors could also participate in a beef cattle knowledge contest as well as a contest for the best industry-related educational poster and promotional advertisement.

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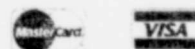
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1 BOARD OF DIRECTORS MEETING AGENDA

Wednesday, February 23, 2000 Meeting #00-12
5:10 PM - University Union 220

Highlights

- Resolution #00-03: ASI Stance on the Robert E. Kennedy Collections
- Resolution #00-07: ASI Stance on Master Plan Agricultural Land Use
- Bylaws & Policy Review
- Elections Committee

(Items on this agenda are subject to change without notice. For any updates check out the Board of Directors Agenda on the web at: asi.calpoly.edu)

2 ASI NEWS

• ASI ELECTION CALENDAR

FILING OPENS: MONDAY, FEBRUARY 7, 2000

FILING CLOSES: FRIDAY, MARCH 3, 2000

Candidate Meeting:	Thursday, March 9, 11:00 a.m.
Active Campaigning Begins:	Monday, April 10
Active Campaigning Ends:	Tuesday, April 25
Elections:	Wednesday and Thursday, April 26-27
Run-Off:	Wednesday, May 3

ASI BOARD OF DIRECTORS: Conducts annual corporate reviews, establishes corporate and student policy and responds to issues requiring action by the Members of the Corporation.

ASI PRESIDENT: Is the general manager and chief executive officer of the Corporation and shall, subject to the control of the Board of Directors, have general supervision, direction and control of the Corporation.

CHAIR OF THE BOARD: Responsible for the efficient operations of the Board of Directors and its subcommittees. Chair of the Board insures that the ultimate management responsibilities, e.g., fiscal, operational and personnel, are exercised by the Board.

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3 HAPPENINGS

ADVERTISE YOUR CLUB OR CLUB EVENT HERE, COMPLIMENTS OF ASI. Pick up forms in the ASI Business Office (UU212) or the ASI Student Government Office (UU202). Club advertisements will be chosen on a first come, first served basis.

Mardi Gras Ball for all ages: 3/3/00, 8:00 P.M. At the Pac Pavilion - \$11.00. Presented by Running Thunder.

AKA Sorority Neophyte week - Informational mtg. Wed. 2/23 and Health Workshop Thurs. 2/24 - both at 7:00 p.m. in Club 221.

ASI/UU Programs & Services Committee Meetings are held Thursdays 5:00 p.m. in UU220.

College of Architecture and Environmental Design Council Meetings are held every Monday, 5:00 p.m. in Dexter-Fireplace Room.

College of Business Council Meetings are held every other Tuesday, beginning 1/11/00, 8:00 p.m. in Building 3, Room 113.

College of Agriculture Council Meetings are held every Tuesday, 5:00 p.m. in UU220.

College of Engineering Council Meetings are held every Monday, 6:00 p.m. in UU220.

College of Liberal Arts Council Meetings are held every Tuesday, 6:00 p.m. in UU219.

College of Science and Math Council Meetings are held every Monday, 7:00 p.m. in UU219.

4

CLUB 221

"Default Settings", an invitational student art show, is Club 221's first exhibit of the new year. It will feature non-traditional art created by Cal Poly students and will include multimedia works, sound and video pieces, and installation art. The show is currently open and will run through March 10. Club 221 is open Monday-Friday 9 a.m. - 9 p.m. and Saturday-Sunday noon-9 p.m. For more information, call David Metcalf at ext. 6-1182.

ASI EVENTS

Interested in concerts? Ever wonder who's going to be the next band to play at Cal Poly? If you would like be apart of the mix, work at upcoming concerts, learn more about the concert industry, then come to ASI Concerts meetings, Thursday evenings, 7pm, UU 220. For more information call 756-1112.

RECREATIONAL SPORTS

The 2nd Annual Rec Sports Bowling Tournament will take place on Thursday, February 24 at 7:00 pm. The location is McPhee's Games Area in the University Union. For \$5 you get bowling, pizza, and soda. Sign-up at the Front Service Desk of the Rec Center by Wednesday, Feb 23. For more information, please contact Devon or Bryan at x6-1366.

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POLY ESCAPES

Poly Escapes was established in 1968 by a few outdoor adventurers who got together and went on trips. Since then it has become an extensive program providing students, staff, and faculty with amazing trips, quality rental equipment, a climbing wall and an extensive outdoor library. Poly Escapes is run by volunteers including a thirteen-member team of Officers. The Officers are in charge of making decisions concerning the needs and wants of the program. They meet every Thursday from 8-9pm following our General Meeting in UU 220. Everyone is welcome to attend, share their ideas, and make suggestions.

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GILBERT

continued from page 1

and responsibility."

A few months before the shootings, Eric Harris wrote an essay on his plans to blow up the school and all the jocks in it, Gilbert said. Although the teacher wrote a complaint, the report somehow escaped the desk of the principal, and was therefore ignored.

"Could the school have prevented these shootings?" Gilbert asked.

"Eric and Dylan didn't just wake up that morning and decide to kill their classmates. What are parents, teachers and communities pretending not to know?"

The speech was littered with details of the April 20 killings.

Gilbert described the death of Rachel Scott, a Columbine High School student who was standing in front of the school on the morning of the massacre. Gilbert said the two boys shot her in the leg. When she tried to run away, they shot her in the back and they asked her, "Do you believe in God?" When Scott said yes, the two boys shot her in the head.

The audience wiped their eyes and sat in silence. Pictures of the girl flashed on screens in the background as Gilbert continued her speech.

"Maybe it's easier to flow with the mainstream of mediocrity and find someone else to blame for

our problems," Gilbert said. "All the while, young people are losing hope and we are losing them."

Harris and Klebold were given community service for using explosives, Gilbert said. Ironically, their counselor let them off early, stating in her report that they were incapable of doing harm, Gilbert said.

Gilbert also spoke of the tragic aftermath of the high school shooting.

The mother of a student who was paralyzed in the shootings committed suicide. The body of a Hispanic child was found in a Dumpster. And, only last week, two Columbine High School students were murdered at a local restaurant.

During the question-and-answer session following her presentation, Gilbert told the audience, "We can't always be sure about origins of violent behavior, but we can learn the warning signs."

Dan Boom, a law enforcement agent, said he was grateful for Gilbert's appearance in San Luis Obispo.

"The message that Dr. Gilbert was getting across to me was looking beyond Columbine," Boom said. "There's nothing we can do to change what happened there, but there are some things we can open our eyes up to, to prevent other things from happening."

Gilbert's presentation was sponsored by the California Peace Officers Association in conjunction with the San Luis Obispo Police Department.

CSEA

continued from page 1

prior to the collection of the fees," Fetzter said. "Non-members had the option of applying for a conscientious objection. It was very elaborate and all non-members received a notice."

CSEA is the largest public employee union in California and represents 130,000 active and retired state workers. The fair share fees paid by non-members are equal to roughly 73 percent of regular union-member fees, Fetzter said.

NRTW is currently in the middle of two lawsuits against the CSEA. One lawsuit would prevent the CSEA from collecting fees from the Civil Service Division and the second would enable the non-members of the CSEA work

force to stop paying fees.

Fetzter said the fee for non-members is beneficial because it increases the strength of the CSEA.

"The more members, the better we are and the stronger our position is in the CSU legislature to try to get legislation," Fetzter said.

Fetzter said many CSU employees join CSEA because it protects their rights as workers that otherwise would not be represented.

He believes that the NRTW doesn't have a strong case and will not hold up against legislation mandating that non-members pay CSEA fees. Senator Jack O'Connell originally wrote the legislation.

The NRTW will bring its second lawsuit to the U.S. District Court today.

BREAK-INS

continued from page 1

isn't going to take it from you," Hagans said. "It's really an invasion of your privacy to have somebody break your car window, rifle through your glove compartment and steal the property out of your own car."

Topham advised students to use common sense to protect their belongings.

"It really is simple. Do not leave stuff in your car," Topham said. "Remember to lock your car if you have a nice stereo, and have the kind you can pull out. It's also better to leave your car in a lighted place. If you don't, you're just setting yourself up to be a victim."

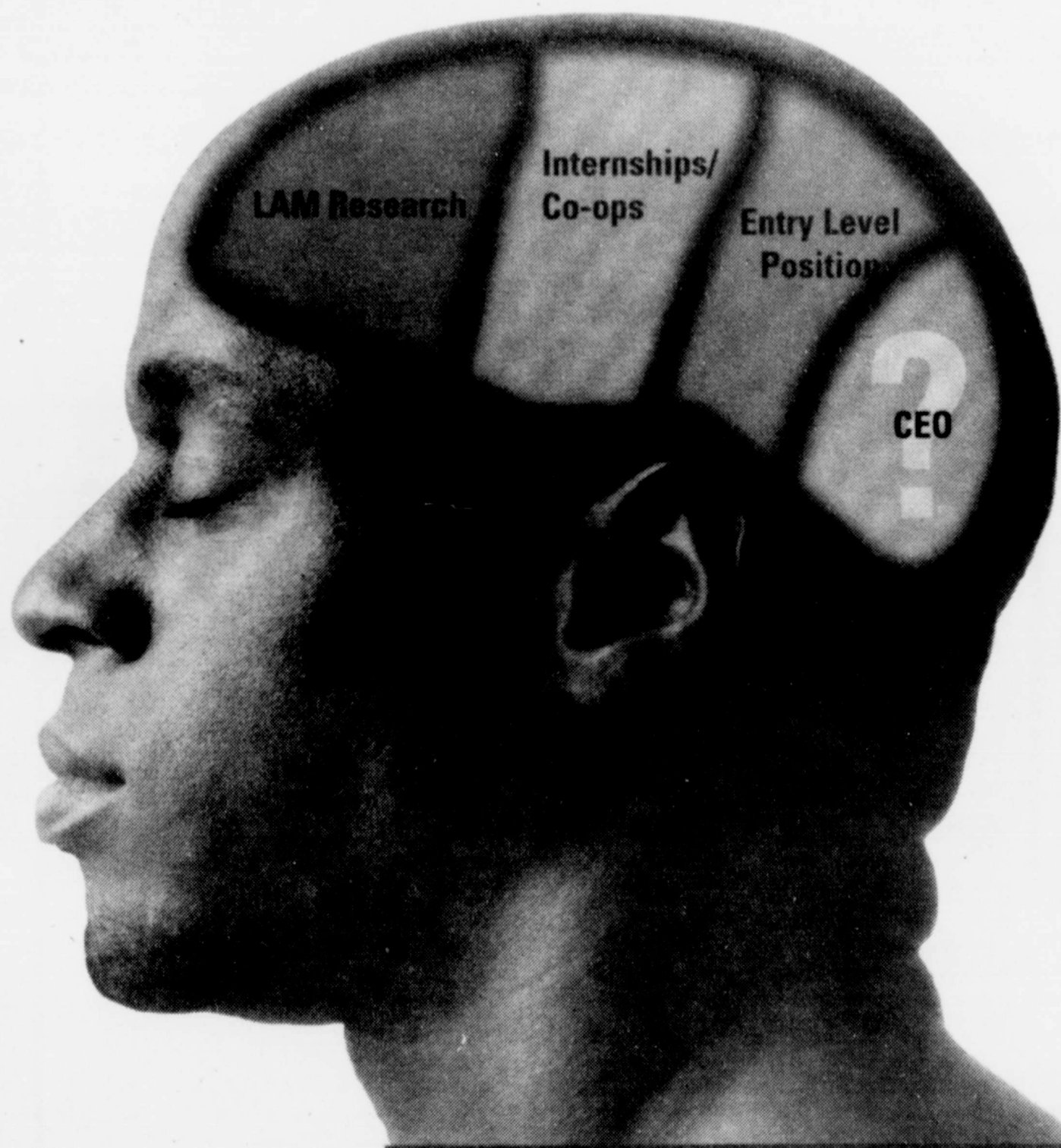
Topham said it has been at least six months since a break-in series of this magnitude.

"The most frustrating thing is that people get away with it," Hagans said, "and that people think it's morally OK to do something like that."

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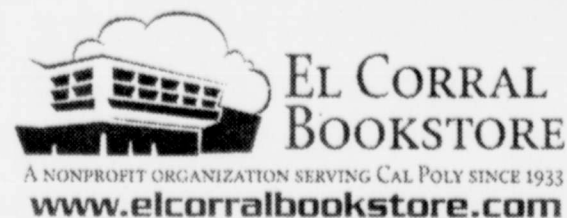
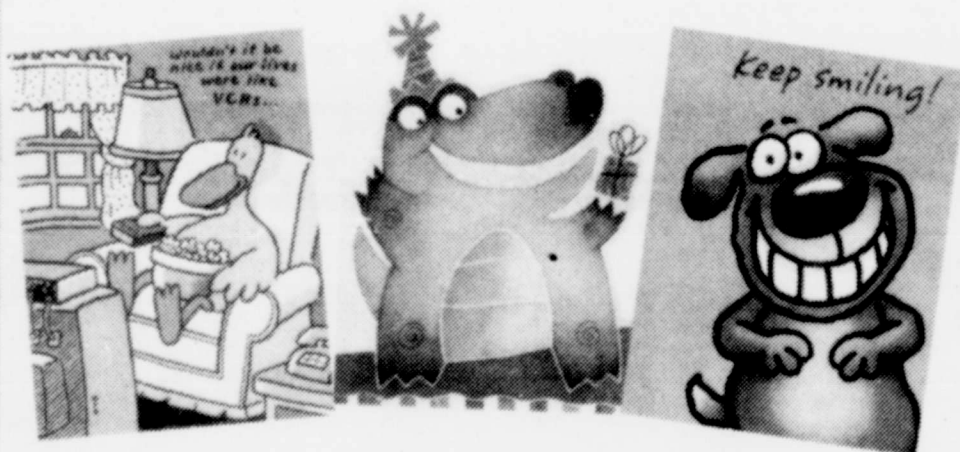
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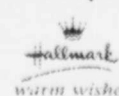


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Vancouver police investigating McSorley slashing incident

NEW YORK (AP) — The NHL indefinitely suspended Marty McSorley on Tuesday for knocking out Donald Brashear with a stick-swinging hit so savage that police are investigating.

The Boston defenseman, known more for his fists than his finesse, struck Brashear, another renowned tough guy, across the right temple and he crumpled to the ice.

Brashear's head struck the ice as his helmet came off, his body twitching and blood oozing from his nose. He sustained a concussion and will be out for at least two to three weeks, the Canucks said Tuesday after he was evaluated overnight at a Vancouver hospital.

Brashear was released from the hospital and came to GM Place to meet with team trainers Tuesday but did not comment.

The NHL will convene a hearing today to determine how long the suspension will last and any further punishment.

With only 2.7 seconds remaining Monday night, the Canucks holding a 5-2 lead, McSorley skated up — out of Brashear's view — and swung his stick with both hands against Brashear's head.

"I apologized to Donald Brashear and all the fans who had to watch that," McSorley said Monday. "I embarrassed my hockey team. ... I got way too carried away. It was a real dumb play.

"I'm still in shock at what I did," he said. "I have to come to terms with what I did. There's no excuse. It was so stupid; I can't believe I did it."

Police, deluged with calls from angry fans, are investigating and said they will consult with the NHL.

"We have a situation here where it would appear, or that it's been alleged, that there was a fairly vicious attack by one person on another," said constable Anne Drennan, a spokeswoman for the Vancouver police.

She said police have not yet interviewed Brashear or McSorley, and she doesn't know how long the investigation will take. The findings will be sent to a prosecutor, who will decide whether to file charges.

Canucks general manager Brian Burke, once the NHL's chief disciplinarian, said the police should stay out.

"Leave this stuff on the ice; leave it to the National Hockey League," Burke told Vancouver radio station CKNW. "We don't need the Vancouver police department involved in this."

Referee Brad Watson declared the game over with the remaining seconds unplayed.

"We couldn't believe what we saw and didn't know what to do," Canucks left wing Brad May said. "It was crazy out there. I have no respect for (McSorley) ever again. Anybody who has ever had respect for him should lose it."

"He's our big brother out there," May said of Brashear. "He sticks up for our team; he's the toughest in the league. To get hit like that, it's just uncalled for."

McSorley, who received a match

penalty for attempt to injure, has lasted 17 years in the league because of his ability to fight and protect his more skilled teammates.

"It's a shocker," Boston captain Ray Bourque said. "I've never been a part of anything like that or witnessed anything like that. There is no way to justify it."

The longest suspension the NHL has even imposed for an on-ice hit was a 21-game banishment given to Washington's Dale Hunter for a blindside check of the New York Islanders' Pierre Turgeon after a goal in a 1993 playoff game.

McSorley is best known for serving as Wayne Gretzky's protector with the Edmonton Oilers and then with Los Angeles as the two were traded together in one of hockey's biggest deals.

"Marty has always been an honest player," said Vancouver captain Mark Messier, a teammate of McSorley's on the Oilers' Stanley Cup teams. "He has always been a tough player, and he's always played the game hard and played the game tough."

"I've never recalled him doing anything like that before. It was tough to watch knowing him and watching Donald, a teammate. It was a dangerous play. We can't allow that to happen in the league."

Brashear, 28, fought with McSorley just two minutes into Monday's game and clearly got the best of his 36-year-old opponent.

Road to the Tourney



Big West teams must follow these scenarios to clinch a spot in the conference tournament March 8-11 in Reno, Nev.

Utah State (12-0): Gains the top seed in the East with one more win.

New Mexico State (8-4): Needs two wins to get the second spot in the East or one win coupled with a loss by Boise State and North Texas to get the second seed.

Boise State, Idaho, North Texas (5-7): Boise State and Idaho hold tie-breaker edges over North Texas.

Nevada (3-9): Needs to win at least three of final four games; has an edge over Boise State with a win earlier this season.

Long Beach State (11-1): Clinches top seed in West with one more win.

UCSB (7-5): Needs one more win to clinch spot; two wins clinches at least the third seed in the West and a Pacific loss guarantees the second seed.

CAL POLY, UC Irvine (4-8): Cal Poly holds tie breaker over Cal State Fullerton; UCI and Cal Poly split season series; Irvine currently holds edge since it defeated UCSB.

Cal State Fullerton (3-9): Needs to win at least three of final four games coupled with three Cal Poly losses and two UC Irvine losses.

BASKETBALL

continued from page 12

The score wasn't quite so lopsided this time, but the result remained the same as Cal Poly beat the Titans 87-83.

Bjorklund led all scorers with 22 points and also added 12 rebounds, recording his third straight double-double. Mayes and King both added 18 points for the Mustangs.

Cal Poly led the entire game,

including a 31-10 lead after one half of play. The large lead was sparked by a 17-0 first half run, which helped deflect the 10-point run the Titans made to start their second half comeback.

But Cal Poly relied on one of its strengths — hitting 20 of 24 second half free throws to seal the victory.

The win marked a series sweep of the Titans for the third consecutive year. It also brought Cal Poly's winning streak to three games as the team travels to play Santa Barbara tonight.

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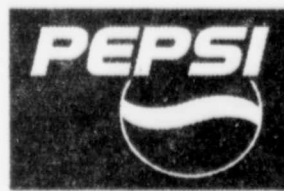
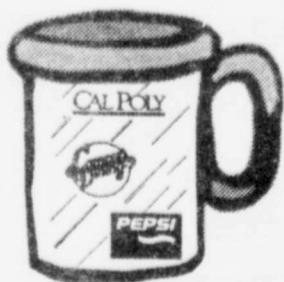
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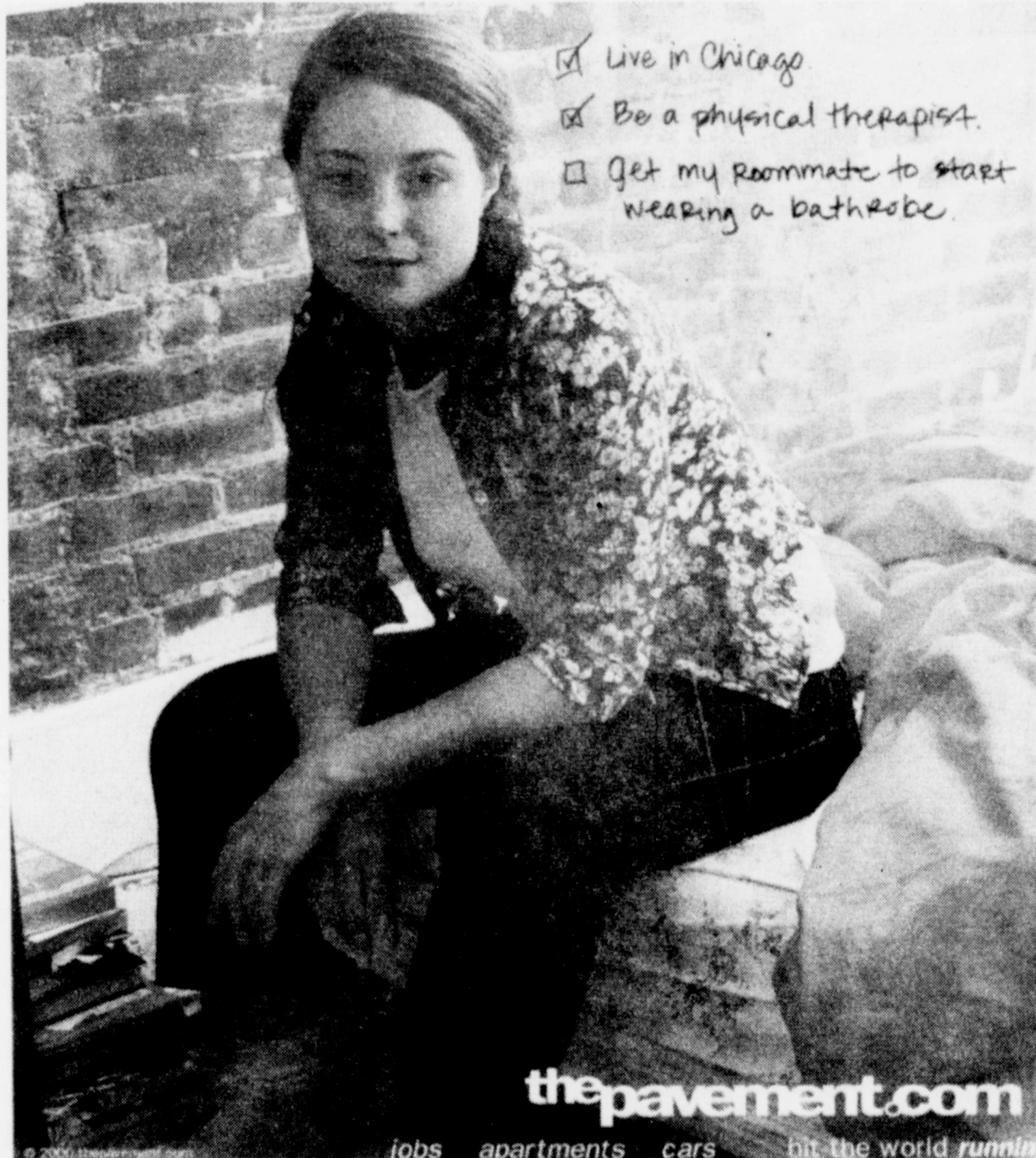


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CAL POLY



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Mustangs split two with San Francisco

By Chris Arns

MUSTANG DAILY CONTRIBUTOR

The Cal Poly baseball team split two games with the University of San Francisco at San Luis Obispo Stadium last weekend, bringing its record to 3-7 before the rain washed away the final game on Sunday.

The Mustangs failed to score until the ninth inning on Saturday and fell 10-2. Starting pitcher Josh Morton lasted only four innings while allowing nine runs on nine hits. The Cal Poly bats also struggled, managing 12 hits but leaving 13 men on base. San Francisco starting pitcher Chris Thogersen went six strong innings, holding the Mustangs to six hits and no runs.

"We just have not gotten the clutch hits," head coach Ritch Price said. "We had plenty of opportunities to cut into their big lead early in the game, but we weren't able to get it done."

The team fared better on Friday, coming from behind in the bottom of the ninth inning to win 5-4. Brandon Hill scored from third on a fielder's choice, capping off a game in which the Mustangs trailed until the eighth inning.

Cal Poly fell behind early in the first inning and was down 4-2 in the eighth before scoring two runs to tie the game at four. With the game tied in the bottom of the ninth, Hill led off the inning with a walk and moved to third on a double by Tanner Troser. After walking Brian Oxley to load the bases, USF pitcher Jeff Bowman struck out Chris Martinez and Steve Wood. The next batter, Brian Gant, grounded to third for an apparent out, but third baseman Taggart Bozied bobbled the ball and Hill raced home to win the game.

"That was a great win," Price said. "That's what Mike Krukow calls a 'walk-off' because you get to see the other team walk off the field and head for the locker room."

The series had been anticipated to feature fireworks from long-ball hitters Steve Wood and Bozied, but neither one went deep during the weekend. Wood had three walks and was 1-6, and Bozied went 4-9 with four runs and an RBI.

The Mustangs will look to upcoming games against Loyola Marymount to jump-start their hitting and solve some of the



FILE PHOTO/MUSTANG DAILY

Cal Poly split the two games it played against San Francisco.

problems within the pitching rotation. The staff currently has an ERA of 6.52 while letting opposing teams bat .302.

Price acknowledged the problems facing the team.

"We're really far behind offensively," he said. "I think we have a

good offensive club, and hopefully the weather will clear up so we can get some time on the field. We're going to make an adjustment on our starting pitching as well." The Mustangs travel to face top 20 Loyola Marymount for a three-game set this weekend.

WRAP-UP

continued from page 12

improving her record to 3-1, and Tarra Blankenbeckler picked up the last two wins, putting her at 4-1 on the season.

The Big West named Ballard their softball Player of the Week for her performance at the tournament. Ballard had eight hits on the weekend and hit .714 with runners in scoring position while driving in seven runs.

• The Cal Poly tennis teams didn't fare so well this weekend. The men were able to pull out a split of two games, while the women fell to Santa Clara Saturday.

The men's team first lost to New Mexico State 7-0 but rebounded to grab a 5-1 win over Nevada. The men next play host to Fresno State Monday.

The women's team dropped their non-conference match with the Broncos 7-2. Stephanie Westrich won her singles match and also teamed with Danielle Brandlin to earn both of Cal Poly's points. They next play Long Beach State at home.

• The Cal Poly men's and women's swimming and diving teams had their seasons come to an end at the Big West Conference Championships in Long Beach this weekend. The men's team took third, while the women finished fourth overall. Mustang Steve Stehrenberger took home two league titles in the meet, winning the men's 100- and 200-meter breaststroke competitions. Ariana Radamaker finished second in the 3-meter diving event and Jen Dyer ended up ninth in the 100 meter freestyle.

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►WEEKEND WRAP-UP

Women's basketball loses heartbreaker

MUSTANG DAILY STAFF REPORT

The Cal Poly women's basketball team dropped both of its games over the weekend. The second loss came with no time remaining and practically sank the Mustangs and their chances of going to the Big West Conference Tournament in Reno.

The Mustangs were blown out by Long Beach State Friday night, 90-73. Cal Poly again struggled with the inside game of 6-8 center Rhonda Smith. Smith scored 34 points and pulled down 10 rebounds to go with the 25 points and 15 rebounds she had against the Mustangs last week.

But the loss to Pacific could prove to be hard to swallow. The Mustangs tied the game at 81 after junior Stephanie Osorio hit a clutch 3-pointer with only 4.4 seconds remaining. But Pacific's Martha Yarbrough was fouled with no time left on the clock. She calmly hit the free throw and gave the Tigers the win.

The Mustangs close out their home schedule with games vs. UC Santa Barbara Friday and New Mexico State Sunday.

• The Cal Poly softball team concluded another successful weekend by winning the last three games of the UNLV tournament.

The tournament got off to a rocky start Friday for Cal Poly, which lost 9-1 to No. 13 Nebraska and then dropped the second game to tournament host UNLV, 7-1.

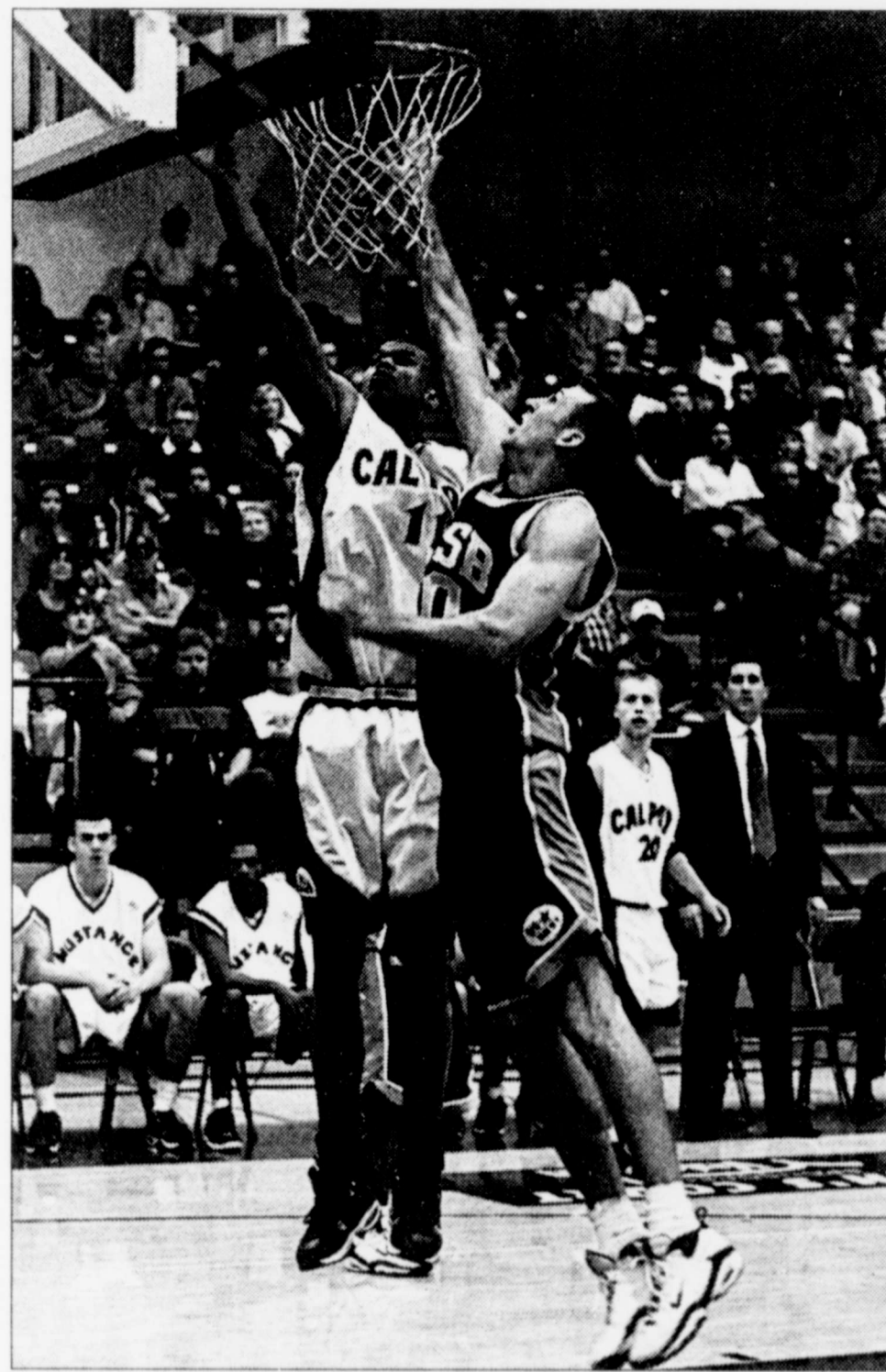
But the weekends worst was behind the Mustangs as they wouldn't lose again. Cal Poly bounced back Saturday with wins against Florida International and Portland State. The Mustangs got their first taste of victory at the tournament when they beat Florida International 5-4, due in large part to freshman Holly Ballard's bases-loaded triple. The Mustangs got all five of their runs in the third inning.

The team kept the winning edge, crushing Portland State, 8-0. The Mustangs were led by Jackie Wayland, Christie Wells and Ballard, each having two RBI in the game.

Maggie Del Rio got the first victory,

see WRAP-UP, page 11

Poly takes two, heads to UCSB



DAN GONZALES/MUSTANG DAILY

Mustang forward James Grace III hits a lay up last week.

King honored

MUSTANG DAILY STAFF REPORT

Sophomore point guard Jason King was awarded the Big West Player of the Week honor after scorching UC Irvine and CSU Fullerton on the road.

The 5-9 guard scored 21 points and had five steals against the Anteaters Thursday. He followed that effort with an 18-point, six assist night Saturday against the Titans.

King was also solid from the free throw stripe, sinking 18 of 21 for

the week (85.7 percent) and shot 50 percent from the field, including 58 percent from 3-point range. His six free throws in the last minute against Fullerton clinched the victory for the Mustangs.

King is the second Mustang to be named Big West Player of the Week this season. Center Chris Bjorklund received the honor on Dec. 6.

The Mustangs had forward Jeremiah Mayes and guard Mike Wozniak named as Player of the Week last year.

MUSTANG DAILY STAFF REPORT

The Cal Poly men's basketball team has a heartbeat again.

After losing to UC Irvine two weeks ago, the Mustangs have rebounded by winning three straight and find themselves within striking distance of a trip to Reno for the Big West Conference Tournament.

The next step may be the most important for the Mustangs: win in Santa Barbara's "Thunderdome" tonight.

Not only do the Mustangs struggle when facing more than 6,000 rowdy Gaucho fans, but Cal Poly needs to beat Santa Barbara to own a tie breaker with fellow fourth-place occupant Irvine. The Anteaters already beat the Gauchos earlier this season. If Cal Poly doesn't win, the team will then need to beat Long Beach State in the league finale to own the tie breaker with Irvine and the subsequent Big West Tournament invitation.

Cal Poly moved into a tie for the fourth and final Big West tournament playoff spot over the weekend via wins against Western Division foes UC Irvine and CSU Fullerton.

On Thursday, the Mustangs

avenged a 23-point loss to Irvine in Mott Gym Feb. 10 by handing the Anteaters a 14-point loss. Cal Poly continued its streaky shooting, hitting 11 3-pointers in route to the 89-75 victory.

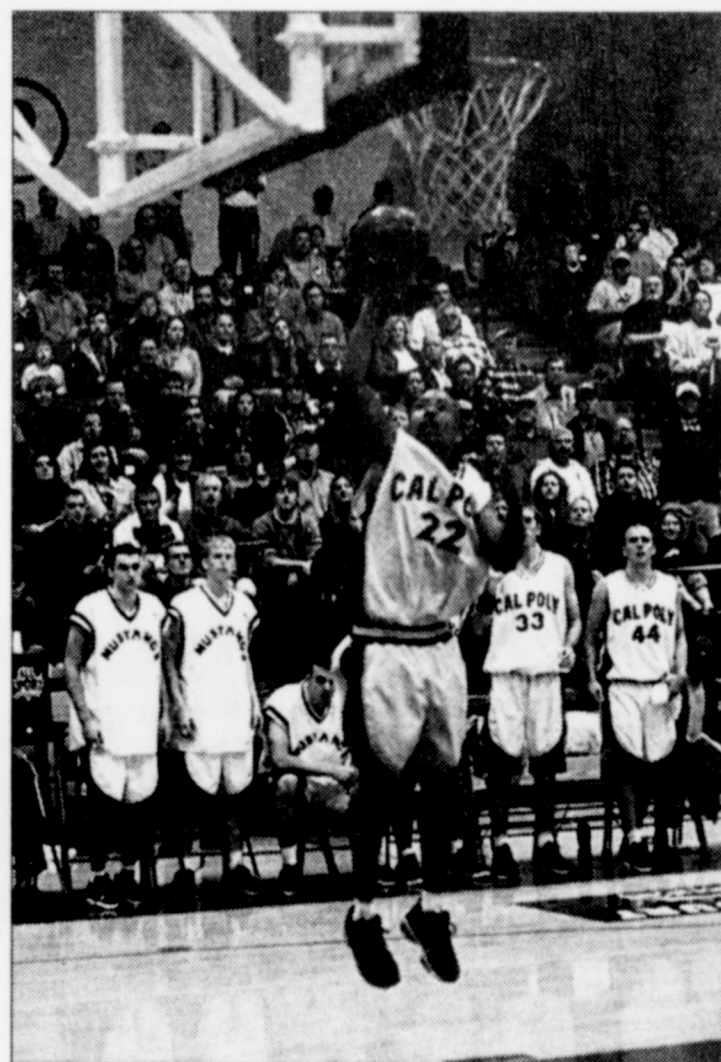
Center Chris Bjorklund and guards Jason King and Mike Wozniak all had 21 points for the Mustangs. Forward Jeremiah Mayes added 16 points. Sophomore David Henry pulled down 11 rebounds as Cal Poly won the all-important rebounding battle, 41-30.

Cal Poly found cohesiveness by shortening the bench. Only seven players entered the game for the Mustangs, who shot 53 percent from the field.

Irvine, which trailed 42-29 at halftime, came within six points at 47-41 with more than 16 minutes to play. But the Mustangs regained control after King hit a 3-pointer while being fouled for a 4-point play.

On Saturday, Cal Poly took its two-game winning streak to Fullerton. The Titans were embarrassed at the hands of the Mustangs last week, falling in Mott Gym 108-79.

see BASKETBALL, page 10



Mustang point guard Jason King became the second Cal Poly basketball player to win Big West Player of the Week honors this season. Center Chris Bjorklund won the award earlier this year. King scored 39 points in two road victories for the Mustangs.

DAN GONZALES/MUSTANG DAILY

Sports Trivia

Yesterday's Answer:

Steve Carlton was the former Philadelphia Phillie that struck out 19 batters in a game and still lost. Congrats Will Slowik!

Today's Question:

Who was the first head coach in Carolina Panther history?



Please submit sports trivia answer to: sports@mustangdaily.calpoly.edu
Please include your name. The first correct answer received via e-mail will be printed in the next issue of the paper.

Scores

MEN'S BASKETBALL

Cal Poly 89
UC Irvine 75

Cal Poly 87
CSU Fullerton 83

WOMEN'S BASKETBALL

Long Beach State 90
Cal Poly 73

Pacific 82
Cal Poly 81

WOMEN'S TENNIS

Cal Poly 2
Santa Clara 7

MEN'S TENNIS

Cal Poly 0
New Mexico State 7

Cal Poly 5
Nevada 1

BASEBALL

San Francisco 4
Cal Poly 5

San Francisco 10
Cal Poly 2

SOFTBALL

Mustangs went 3-2 at
UNLV tournament.

Schedule

TONIGHT

• Men's basketball vs. UC Santa Barbara
• at Santa Barbara • 7 p.m.

FRIDAY

• Baseball vs. Loyola Marymount
• at Loyola Marymount • 2 p.m.
• Women's basketball vs. UC Santa Barbara
• in Mott Gym • 7 p.m.

SATURDAY

• Wrestling at Pac-10 Championships
• Women's tennis vs. Long Beach State
• at Cal Poly • 1 p.m.
• Men's basketball vs. Idaho
• at Idaho • 7 p.m.
• Baseball vs. Loyola Marymount
• at Loyola Marymount • 1 p.m.